

| MFR    | GROUP         | IC                 | PACKAGE        | PIN | Adapter            |
|--------|---------------|--------------------|----------------|-----|--------------------|
| ACE    | Serial PROM   | ACE24LA16FUA8+xx   | USON(2x3mm)    | 8   | UHD-SEEP-SN8A3     |
| ADESTO | Serial PROM   | AT25DF081A-Sx-x    | SOP(5.3mm)     | 8   | UHD-SEEP-SO8A      |
| ADESTO | Serial PROM   | AT25SF041B-MAxx-x  | UDFN(2x3mm)    | 8   | UHD-SEEP-SN8A3     |
| ALTERA | PLD           | 10M02SCE144        | EQFP(20x20mm)  | 144 | UHD-10M02SC-EQ144  |
| ALTERA | PLD           | 10M02SCU324        | UBGA(15x15mm)  | 324 | UHD-10M16SA-BG324  |
| ALTERA | PLD           | 10M04DCU324        | BGA(15x15mm)   | 324 | UHD-10M16SA-BG324  |
| ALTERA | PLD           | 10M04SAM153        | MBGA(8x8mm)    | 153 | UHD-10M04SC-BG153  |
| ALTERA | PLD           | 10M04SAU169        | BGA(11x11mm)   | 169 | UHD-10M02SC-BG169  |
| ALTERA | PLD           | 10M04SAU324        | BGA(15x15mm)   | 324 | UHD-10M16SA-BG324  |
| ALTERA | PLD           | 10M04SCU324        | BGA(15x15mm)   | 324 | UHD-10M16SA-BG324  |
| ALTERA | PLD           | 10M08DAF256        | BGA(17x17mm)   | 256 | UHD-10M16DX-BG256  |
| ALTERA | PLD           | 10M08DAF484        | BGA(23x23mm)   | 484 | UHD-10M25DX-BG484  |
| ALTERA | PLD           | 10M08DCF256        | FBGA(17x17mm)  | 256 | UHD-10M16DX-BG256  |
| ALTERA | PLD           | 10M08DCU324        | BGA(15x15mm)   | 324 | UHD-10M16SA-BG324  |
| ALTERA | PLD           | 10M08DFV81         | BGA(3x3mm)     | 81  | UHD-10M08DF-BG81   |
| ALTERA | PLD           | 10M08SAU169        | BGA(11x11mm)   | 169 | UHD-10M02SC-BG169  |
| ALTERA | PLD           | 10M08SCE144        | EQFP(20x20mm)  | 144 | UHD-10M25SC-EQ144  |
| ALTERA | PLD           | 10M08SCU324        | BGA(15x15mm)   | 324 | UHD-10M16SA-BG324  |
| ALTERA | PLD           | 10M16DAF256        | BGA(17x17mm)   | 256 | UHD-10M16DX-BG256  |
| ALTERA | PLD           | 10M16DAF484        | BGA(23x23mm)   | 484 | UHD-10M25DX-BG484  |
| ALTERA | PLD           | 10M16DCU324        | BGA(15x15mm)   | 324 | UHD-10M16SA-BG324  |
| ALTERA | PLD           | 10M16SAU169        | BGA(11x11mm)   | 169 | UHD-10M02SC-BG169  |
| ALTERA | PLD           | 10M16SAU324        | BGA(15x15mm)   | 324 | UHD-10M16SA-BG324  |
| ALTERA | PLD           | 10M16SCU324        | BGA(15x15mm)   | 324 | UHD-10M16SA-BG324  |
| ALTERA | PLD           | 10M25DAF484        | BGA(23x23mm)   | 484 | UHD-10M25DX-BG484  |
| ALTERA | PLD           | 10M25DCF484        | BGA(23x23mm)   | 484 | UHD-10M25DX-BG484  |
| ALTERA | PLD           | 10M50DAF256        | FBGA(17x17mm)  | 256 | UHD-10M16DX-BG256  |
| ALTERA | PLD           | 10M50DAF484        | BGA(23x23mm)   | 484 | UHD-10M25DX-BG484  |
| ALTERA | PLD           | 10M50DDF256        | FBGA(17x17mm)  | 256 | UHD-10M16DX-BG256  |
| ALTERA | PLD           | 5M1270ZF256        | FBGA(17x17mm)  | 256 | UHD-EPM2210-BG256B |
| ALTERA | PLD           | 5M1270ZF324        | FBGA(19x19mm)  | 324 | HD-EPM2210/O-BG324 |
| ALTERA | PLD           | 5M1270ZT144        | TQFP(20x20mm)  | 144 | HD-EPM570/O-TQ144  |
| ALTERA | PLD           | 5M160ZE64          | EQFP(7x7mm)    | 64  | UHD-5M80Z-QF64     |
| ALTERA | PLD           | 5M160ZM68          | MBGA(5x5mm)    | 68  | UHD-5M160ZM-BG68   |
| ALTERA | PLD/CPLD/FPGA | 5M160ZT100         | TQFP(14x14mm)  | 100 | UHD-EPM240-TQ100A  |
| ALTERA | PLD           | 5M2210ZF256        | FBGA(17x17mm)  | 256 | UHD-EPM2210-BG256B |
| ALTERA | PLD           | 5M2210ZF324        | FBGA(17x17mm)  | 324 | HD-EPM2210/O-BG324 |
| ALTERA | PLD           | 5M240ZT100         | TQFP(14x14mm)  | 100 | UHD-EPM240-TQ100A  |
| ALTERA | PLD           | 5M40ZE64           | EQFP(7x7mm)    | 64  | UHD-5M80Z-QF64     |
| ALTERA | PLD           | 5M570ZF256         | FBGA(17x17mm)  | 256 | UHD-EPM2210-BG256B |
| ALTERA | PLD           | 5M570ZT100         | TQFP(14x14mm)  | 100 | UHD-EPM240-TQ100A  |
| ALTERA | PLD           | 5M570ZT144         | TQFP(20x20mm)  | 144 | HD-EPM570/O-TQ144  |
| ALTERA | PLD           | 5M80ZE64           | EQFP(7x7mm)    | 64  | UHD-5M80Z-QF64     |
| ALTERA | PLD           | 5M80ZT100          | TQFP(14x14mm)  | 100 | UHD-EPM240-TQ100A  |
| ALTERA | PLD           | EPM1270F256        | FBGA(17x17mm)  | 256 | UHD-EPM2210-BG256B |
| ALTERA | PLD           | EPM1270T144        | TQFP(22x22mm)  | 144 | HD-EPM570/O-TQ144  |
| ALTERA | PLD           | EPM2210F256        | FBGA(17x17mm)  | 256 | UHD-EPM2210-BG256B |
| ALTERA | PLD           | EPM2210F324        | FBGA(17x17mm)  | 324 | HD-EPM2210/O-BG324 |
| ALTERA | PLD           | EPM240F100         | FBGA(11x11mm)  | 100 | UHD-EPM240-FBG100  |
| ALTERA | PLD           | EPM240T100         | TQFP(14x14mm)  | 100 | UHD-EPM240-TQ100A  |
| ALTERA | PLD           | EPM570F100         | FBGA(11x11mm)  | 100 | UHD-EPM240-FBG100  |
| ALTERA | PLD           | EPM570F256         | FBGA(17x17mm)  | 256 | UHD-EPM2210-BG256B |
| ALTERA | PLD           | EPM570T100         | TQFP(14x14mm)  | 100 | UHD-EPM240-TQ100A  |
| ALTERA | PLD           | EPM570T144         | TQFP(20x20mm)  | 144 | HD-EPM570/O-TQ144  |
| ANALOG | MPU/MCU       | ADM1069ACPZ        | LFCS(6x6mm)    | 40  | UHD-ADM1069-QN40   |
| ANALOG | MPU/MCU       | LTC2974            | QFN(9x9mm)     | 64  | UHD-LTC2974-QN64   |
| ANALOG | MPU/MCU       | LTC2977            | QFN(9x9mm)     | 64  | UHD-LTC2977-QN64   |
| ANALOG | MPU/MCU       | LTC3884UK          | QFN(7x7mm)     | 48  | UHD-LTC3884UK-QN48 |
| ANALOG | MPU/MCU       | LTC3887EUJ-X       | QFN(6x6mm)     | 40  | UHD-LTC3887-QN40   |
| ANALOG | MPU/MCU       | LTC9101AUF-1#PBF   | QFN(4x4mm)     | 24  | UHD-LTC9101-QN24   |
| ANALOG | MPU/MCU       | LTC9101AUF-3#PBF   | QFN(4x4mm)     | 24  | UHD-LTC9101-QN24   |
| ANALOG | MPU/MCU       | LTM4673            | BGA(16x16mm)   | 361 | UHD-LTM4673-BG361  |
| ANALOG | MPU/MCU       | LTM4678            | BGA(16x16mm)   | 144 | UHD-LTM4678-BG144  |
| ANALOG | MPU/MCU       | LTM4680EY          | BGA(16x16mm)   | 144 | UHD-LTM4678-BG144  |
| ANALOG | MPU/MCU       | LTM4686            | LGA(16x11.9mm) | 108 | UHD-LTM4686-LG108  |
| ASPEED | MPU/MCU       | AST1030-M          | TFBGA(13x13mm) | 256 | UHD-AST1060-BG256  |
| ASPEED | MPU/MCU       | AST1030-M          | TFBGA(13x13mm) | 256 | UHD-AST1060-BG256A |
| ASPEED | MPU/MCU       | AST1030-W          | TFBGA(13x13mm) | 256 | UHD-AST1060-BG256  |
| ASPEED | MPU/MCU       | AST1030-W          | TFBGA(13x13mm) | 256 | UHD-AST1060-BG256A |
| ASPEED | MPU/MCU       | AST1060A2-GP(OTP)  | TFBGA(13x13mm) | 256 | UHD-AST1060-BG256  |
| ASPEED | MPU/MCU       | AST1060A2-GP(OTP)  | TFBGA(13x13mm) | 256 | UHD-AST1060-BG256A |
| ATMEL  | Serial PROM   | AT24C04C-MAxx-x    | UDFN(2x3mm)    | 8   | UHD-SEEP-SN8A3     |
| ATMEL  | Serial PROM   | AT24C04C-SSxx-x    | SOP(3.9mm)     | 8   | UHD-SEEP-SO8       |
| ATMEL  | Serial PROM   | AT24C08C-SSxx-x    | SOP(3.9mm)     | 8   | UHD-SEEP-SO8       |
| ATMEL  | Serial PROM   | AT24C128C-MAxx-x   | UDFN(2x3mm)    | 8   | UHD-SEEP-SN8A3     |
| ATMEL  | Serial PROM   | AT24C128C-SSxx-x   | SOP(3.9mm)     | 8   | UHD-SEEP-SO8       |
| ATMEL  | Serial PROM   | AT24C128C-Xxx-x    | TSSOP(4.4mm)   | 8   | UHD-SEEP-SS8       |
| ATMEL  | Serial PROM   | AT24C16C-SSxx      | SOP(3.9mm)     | 8   | UHD-SEEP-SO8       |
| ATMEL  | Serial PROM   | AT24C16C-STxx-x    | SOT23(1.6mm)   | 5   | UHD-SEEP-OT5       |
| ATMEL  | Serial PROM   | AT24C32D-MAxx-x    | UDFN(2x3mm)    | 8   | UHD-SEEP-SN8A3     |
| ATMEL  | Serial PROM   | AT24C32D-SSxx-x    | SOP(3.9mm)     | 8   | UHD-SEEP-SO8       |
| ATMEL  | Serial PROM   | AT24C32D-Xxx-x     | TSSOP(4.4mm)   | 8   | UHD-SEEP-SS8       |
| ATMEL  | Serial PROM   | AT24C64BN-xxSx-x.x | SOP(3.9mm)     | 8   | UHD-SEEP-SO8       |
| ATMEL  | Serial PROM   | AT25256B-SSxx-x    | SOP(3.9mm)     | 8   | UHD-SEEP-SO8       |
| ATMEL  | Serial PROM   | AT25256B-Xxx-x     | TSSOP(4.4mm)   | 8   | UHD-SEEP-SS8       |

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| ATMEL     | Serial PROM    | AT25512N-SH-x       | SOP(3.9mm)             | 8   | UHD-SEEP-SO8         |
| ATMEL     | Serial PROM    | AT25512-TH-x        | TSSOP(4.4mm)           | 8   | UHD-SEEP-SS8         |
| ATMEL     | Serial PROM    | AT25DF041A-SSx-x    | SOP(3.9mm)             | 8   | UHD-SEEP-SO8         |
| ATMEL     | Serial PROM    | AT25DF321A-Mx       | VDFN(5x6mm)            | 8   | UHD-SEEP-SN8B        |
| ATMEL     | Serial PROM    | AT25DF321A-Sx       | SOP(5.3mm)             | 8   | UHD-SEEP-SO8A        |
| ATMEL     | MPU/MCU        | AT90CAN32           | TQFP(14x14mm)          | 64  | UHD-ATMEGA-QF64B     |
| ATMEL     | MPU/MCU        | ATMEGA165PA         | TQFP(14x14mm)          | 64  | UHD-ATMEGA-QF64B     |
| ATMEL     | MPU/MCU        | ATMEGA168PA         | TQFP(7x7mm)            | 32  | UHD-AVR-QF32         |
| ATMEL     | MPU/MCU        | ATMEGA168PA         | TQFP(7x7mm)            | 32  | UHD-AVR-QF32V2       |
| ATMEL     | MPU/MCU        | ATMEGA168PB         | TQFP(7x7mm)            | 32  | UHD-AVR-QF32V2       |
| ATMEL     | MPU/MCU        | ATMEGA169P          | TQFP(14x14mm)          | 64  | UHD-ATMEGA-QF64B     |
| ATMEL     | MPU/MCU        | ATMEGA169PA         | TQFP(14x14mm)          | 64  | UHD-ATMEGA-QF64B     |
| ATMEL     | MPU/MCU        | ATMEGA16A           | MLF(7x7mm)             | 44  | UHD-AVR-ML44         |
| ATMEL     | MPU/MCU        | ATMEGA328P          | TQFP(7x7mm)            | 32  | UHD-AVR-QF32         |
| ATMEL     | MPU/MCU        | ATMEGA328P          | TQFP(7x7mm)            | 32  | UHD-AVR-QF32V2       |
| ATMEL     | MPU/MCU        | ATMEGA328PB         | TQFP(7x7mm)            | 32  | UHD-AVR-QF32V2       |
| ATMEL     | MPU/MCU        | ATMEGA48PA          | MLF(5x5mm)             | 32  | UHD-ATMEGA48-ML32    |
| ATMEL     | MPU/MCU        | ATMEGA48PA          | TQFP(7x7mm)            | 32  | UHD-AVR-QF32         |
| ATMEL     | MPU/MCU        | ATMEGA48PA          | TQFP(7x7mm)            | 32  | UHD-AVR-QF32V2       |
| ATMEL     | MPU/MCU        | ATMEGA48PB          | TQFP(7x7mm)            | 32  | UHD-AVR-QF32V2       |
| ATMEL     | MPU/MCU        | ATMEGA88PA-A        | TQFP(7x7mm)            | 32  | UHD-AVR-QF32         |
| ATMEL     | MPU/MCU        | ATMEGA88PA-A        | TQFP(7x7mm)            | 32  | UHD-AVR-QF32V2       |
| ATMEL     | MPU/MCU        | ATMEGA88PB          | TQFP(7x7mm)            | 32  | UHD-AVR-QF32V2       |
| ATMEL     | MPU/MCU        | ATMEGA8A            | TQFP(7x7mm)            | 32  | UHD-AVR-QF32V2       |
| ATMEL     | MPU/MCU        | ATSAMC21E18A-Mxx    | VQFN(5x5mm)            | 32  | HD-SAMD20E/O-QN32    |
| ATMEL     | MPU/MCU        | ATSAMD20J16B-Mxx    | QFN(9x9mm)             | 64  | HD-SAMD20J/O-QN64    |
| ATMEL     | MPU/MCU        | ATSAMS70N21A-CFN    | VFBGA(7x7mm)           | 100 | UHD-SAMS70N-BG100    |
| ATMEL     | MPU/MCU        | ATTINY461A          | SOP(7.5mm)             | 20  | UHD-ATTINY261-SO20   |
| ATMEL     | MPU/MCU        | ATTINY84V           | MLF(4x4mm)             | 20  | UHD-ATTINY24-ML20    |
| ATMEL     | MPU/MCU        | ATTINY88            | MLF(5x5mm)             | 32  | UHD-ATTINY-ML32      |
| ATMEL     | MPU/MCU        | AVR128DA48          | VQFN(6x6mm)            | 48  | UHD-AVR128DA-QN48    |
| BELLING   | Serial PROM    | BL24C02F-Paxx       | SOP(3.9mm)             | 8   | UHD-SEEP-SO8         |
| BIWIN     | eMMC/eMCP      | BWCMQ511G08G        | BGA(13x11.5mm)         | 153 | UHD-EMMC-BG153       |
| BIWIN     | eMMC/eMCP      | BWCTAKJ11X64G       | BGA(13x11.5mm)         | 153 | UHD-EMMC-BG153       |
| BIWIN     | eMMC/eMCP      | BWCTAKJ21X128G      | BGA(13x11.5mm)         | 153 | UHD-EMMC-BG153       |
| BIWIN     | eMMC/eMCP      | BWCTAKJ41X256G      | BGA(13x11.5mm)         | 153 | UHD-EMMC-BG153       |
| BIWIN     | eMMC/eMCP      | BWCTARJ11X32G       | BGA(13x11.5mm)         | 153 | UHD-EMMC-BG153       |
| BIWIN     | eMMC/eMCP      | BWCTARV21X128G      | BGA(13x11.5mm)         | 153 | UHD-EMMC-BG153       |
| CATALYST  | Serial PROM    | CAT24C64Wx-x        | SOP(3.9mm)             | 8   | UHD-SEEP-SO8         |
| CFEON     | Serial PROM    | EN25E10A-xxxGxxxxx  | SOP(3.9mm)             | 8   | UHD-SEEP-SO8         |
| CFEON     | Serial PROM    | EN25S16B-104XFxxx2S | USON(2x3mm)            | 8   | UHD-SEEP-SN8L        |
| CRMICRO   | MPU/MCU        | CS88M312CEO         | TSSOP(5.3mm)           | 20  | UHD-CS88M312CEO-SS20 |
| CYPRESS   | Serial PROM    | CY14V101QS-BKxxxxxx | FBGA(8x6mm,5x5-1 ball) | 24  | UHD-SEEP-BG24A       |
| CYPRESS   | Serial PROM    | CY14V101QS-SExxxxxx | SOP(7.5mm)             | 16  | UHD-SEEP-SO16        |
| CYPRESS   | MPU/MCU        | CY7C65210-24LTXI    | QFN(4x4mm)             | 24  | UHD-CY7C65210-QN24   |
| CYPRESS   | MPU/MCU        | CY7C65219-40LQXI    | QFN(6x6mm)             | 40  | UHD-CY7C65219-QN40   |
| CYPRESS   | MPU/MCU        | CY8C3246LTI-162     | QFN(7x7mm)             | 48  | HD-CY8C32-QN48       |
| CYPRESS   | MPU/MCU        | CY8C4014LQA-422     | QFN(4x4mm)             | 24  | HD-CY8C40XX/O-QN24   |
| CYPRESS   | MPU/MCU        | CY8C4014LQI-422     | QFN(4x4mm)             | 24  | HD-CY8C40XX/O-QN24   |
| CYPRESS   | MPU/MCU        | CY8C4024LQI-S401    | QFN(4x4mm)             | 24  | UHD-CY8C4000S-QN24   |
| CYPRESS   | MPU/MCU        | CY8C4025LQI-S412    | QFN(5x5mm)             | 32  | UHD-CY8C4000S-QN32   |
| CYPRESS   | MPU/MCU        | CY8C4127LTI-M475    | QFN(8x8mm)             | 68  | HD-CY8C42-QN68       |
| CYPRESS   | MPU/MCU        | CY8C4128LQI-BL543   | QFN(7x7mm)             | 56  | HD-CY8C42-QN56       |
| CYPRESS   | MPU/MCU        | CY8C4245PVI-DS402   | TSSOP(5.3mm)           | 28  | HD-CY8C42XX/O-SS28   |
| CYPRESS   | MPU/MCU        | CY8C4247BZI-L479    | VFBGA(9x9mm)           | 124 | UHD-CY8C4200L-BG124  |
| CYPRESS   | MPU/MCU        | CY8C6136BZI-F34     | BGA(9x9mm)             | 124 | UHD-CY8C6100-BG124   |
| CYPRESS   | MPU/MCU        | CYAC1126-40LQX      | QFN(6x6mm)             | 40  | HD-CYPD4-QN40V2      |
| CYPRESS   | MPU/MCU        | CYPD4125-40LQXI     | QFN(6x6mm)             | 40  | HD-CYPD4-QN40V2      |
| CYPRESS   | MPU/MCU        | CYPD4226-40LQXI     | QFN(6x6mm)             | 40  | HD-CYPD4-QN40V2      |
| CYPRESS   | MPU/MCU        | CYPD5235-96BZXIT    | BGA(6x6mm)             | 96  | UHD-CYPD5-BG96       |
| CYPRESS   | MPU/MCU        | CYPD6128-48LQX      | QFN(6x6mm)             | 48  | UHD-CYPD6-QN48       |
| CYPRESS   | MPU/MCU        | CYPD6227-96BZXI     | BGA(6x6mm)             | 96  | UHD-CYPD6-BG96       |
| CYPRESS   | MPU/MCU        | CYPD6228-96BZXI     | BGA(6x6mm)             | 96  | UHD-CYPD6-BG96       |
| CYPRESS   | MPU/MCU        | CYPD8125-48LDXI     | QFN(6x6mm)             | 48  | UHD-CYPD8-QN48       |
| CYPRESS   | MPU/MCU        | CYPD8225-97BZXI     | BGA(6x6mm)             | 97  | UHD-CYPD8-BG97       |
| CYPRESS   | Serial PROM    | FM24CL04B-Gxx       | SOP(3.9mm)             | 8   | UHD-SEEP-SO8         |
| CYPRESS   | Serial PROM    | FM24CL64B-Gxx       | SOP(3.9mm)             | 8   | UHD-SEEP-SO8         |
| CYPRESS   | Serial PROM    | FM24W256-Gxx        | SOP(3.9mm)             | 8   | UHD-SEEP-SO8         |
| CYPRESS   | Serial PROM    | S25FL064LABBxx02x   | BGA(8x6mm,5x5-1 ball)  | 24  | UHD-SEEP-BG24A       |
| CYPRESS   | Serial PROM    | S25FL256LAGMxx00x   | SOP(7.5mm)             | 16  | UHD-SEEP-SO16        |
| CYPRESS   | EEPROM/FLASH/N | S29AL008J-TF-01x    | TSOP(12x20mm)          | 48  | UHD-FLASH-TS48       |
| CYPRESS   | EEPROM/FLASH/N | S29AL016J-TF-02x    | TSOP(12x20mm)          | 48  | UHD-FLASH-TS48       |
| CYPRESS   | EEPROM/FLASH/N | S29JL064J-TF-00x    | TSOP(12x20mm)          | 48  | UHD-FLASH-TS48       |
| DAZZO     | MPU/MCU        | AUO-G201.1D         | QFN(4x4mm)             | 24  | HD-AUOG201/O-QN24A   |
| DAZZO     | MPU/MCU        | AUO-L102.2D         | QFN(3.5x3.5mm)         | 20  | HD-AUO102/O-QN20     |
| DAZZO     | MPU/MCU        | AUO-L102.2D         | QFN(3.5x3.5mm)         | 20  | HD-AUO102/O-QN20A    |
| DOSILICON | NAND FLASH     | DS35M2GA-xB(disECC) | WSON(6x8mm)            | 8   | UHD-SEEP-SN8C        |
| DOSILICON | NAND FLASH     | DS35M2GA-xB(enECC)  | WSON(6x8mm)            | 8   | UHD-SEEP-SN8C        |
| DOSILICON | NAND FLASH     | DS35M2GB-xB(disECC) | WSON(6x8mm)            | 8   | UHD-SEEP-SN8C        |
| DOSILICON | NAND FLASH     | DS35M2GB-xB(enECC)  | WSON(6x8mm)            | 8   | UHD-SEEP-SN8C        |
| DOSILICON | NAND FLASH     | DS35M4GM-xB(disECC) | WSON(6x8mm)            | 8   | UHD-SEEP-SN8C        |
| DOSILICON | NAND FLASH     | DS35M4GM-xB(enECC)  | WSON(6x8mm)            | 8   | UHD-SEEP-SN8C        |
| DOSILICON | NAND FLASH     | DS35Q2GB-xB(disECC) | WSON(6x8mm)            | 8   | UHD-SEEP-SN8C        |
| DOSILICON | NAND FLASH     | DS35Q2GB-xB(enECC)  | WSON(6x8mm)            | 8   | UHD-SEEP-SN8C        |
| DOSILICON | NAND FLASH     | DS35Q4GB-xB(disECC) | WSON(6x8mm)            | 8   | UHD-SEEP-SN8C        |

| MFR       | GROUP       | IC                            | PACKAGE             | PIN | Adapter             |
|-----------|-------------|-------------------------------|---------------------|-----|---------------------|
| DOSILICON | NAND FLASH  | DS35Q4GB-xB(enECC)            | WSON(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| DOSILICON | NAND FLASH  | FMND1G08U3D-xA                | TSOP(12x20mm)       | 48  | UHD-NAND-TS48V2     |
| DOSILICON | NAND FLASH  | FMND2G08S3D-xF                | VFBGA(8x6.5mm)      | 67  | UHD-NAND-BG67       |
| EASTSOFT  | MPU/MCU     | ES7P2023FHLK                  | QFP(7x7mm)          | 32  | UHD-ES7P2023-QF32   |
| EASTSOFT  | MPU/MCU     | ES7P2023FHNH                  | QFN(4x4mm)          | 28  | UHD-ES7P2023-QN28   |
| EASTSOFT  | MPU/MCU     | ES7P2124FHNH                  | QFN(4x4mm)          | 28  | UHD-ES7P2124-QN28   |
| E-CMOS    | Serial PROM | EC24C02TNM1xx                 | SOP(3.9mm)          | 8   | UHD-SEEP-SO8        |
| ELMOS     | MPU/MCU     | E523.06                       | QFN(7x7mm)          | 48  | UHD-E523XX-QN48     |
| ELMOS     | MPU/MCU     | E524.16                       | QFN(5x5mm)          | 20  | UHD-E52416A62C-QN20 |
| ELMOS     | MPU/MCU     | E524.17                       | QFN(5x5mm)          | 20  | UHD-E52417-QN20     |
| ELMOS     | MPU/MCU     | E524.20                       | QFN(4x4mm)          | 20  | UHD-E52420-QN20     |
| ELMOS     | MPU/MCU     | E524.36                       | QFN(4x4mm)          | 20  | UHD-E52420-QN20     |
| ELMOS     | MPU/MCU     | E524.37                       | QFN(4x4mm)          | 20  | UHD-E52420-QN20     |
| ENE       | MPU/MCU     | AURA32UA0                     | QFN(5x5mm)          | 32  | UHD-6K7752-QN32     |
| ENE       | MPU/MCU     | ENE6K7732UA0                  | QFN(5x5mm)          | 32  | UHD-6K7732-QN32     |
| ENE       | MPU/MCU     | ENE6K7752UA0                  | QFN(5x5mm)          | 32  | UHD-6K7752-QN32     |
| ENE       | MPU/MCU     | ENE6K7760QA0                  | LQFP(7x7mm)         | 64  | UHD-6K7760-LQ64     |
| ENE       | MPU/MCU     | KB9022                        | QFP(14x14mm)        | 128 | HD-KB901X/O-QF128A  |
| ENE       | MPU/MCU     | KB9028                        | QFP(14x14mm)        | 128 | HD-KB901X/O-QF128A  |
| ENE       | MPU/MCU     | KB9052                        | QFP(14x14mm)        | 128 | UHD-KB9X4X-QF128    |
| ENE       | MPU/MCU     | KB9542                        | QFP(14x14mm)        | 128 | UHD-KB9X4X-QF128    |
| ENE       | MPU/MCU     | KB9772                        | QFP(14x14mm)        | 128 | UHD-KB9772-QF128    |
| ENE       | MPU/MCU     | KB9862                        | QFP(14x14mm)        | 128 | UHD-KB9X4X-QF128    |
| ENE       | MPU/MCU     | KB9862                        | VFBGA(7x7mm)        | 124 | UHD-KB9X4X-BG124    |
| ENE       | MPU/MCU     | KB9868                        | QFP(14x14mm)        | 128 | UHD-KB9X4X-QF128    |
| ENE       | MPU/MCU     | SB3572UA0                     | QFN(5x5mm)          | 32  | UHD-SB3572UB0-QN32  |
| ENE       | MPU/MCU     | SB3572UA0[Ful]                | QFN(5x5mm)          | 32  | UHD-SB3572UB0-QN32  |
| ENE       | MPU/MCU     | SB3572UA0[Par]                | QFN(5x5mm)          | 32  | UHD-SB3572UB0-QN32  |
| ENE       | MPU/MCU     | SB3572UB0                     | QFN(5x5mm)          | 32  | UHD-SB3572UB0-QN32  |
| ENE       | MPU/MCU     | SB3572UB0[Ful]                | QFN(5x5mm)          | 32  | UHD-SB3572UB0-QN32  |
| ENE       | MPU/MCU     | SB3572UB0[Par]                | QFN(5x5mm)          | 32  | UHD-SB3572UB0-QN32  |
| EPSON     | MPU/MCU     | S1C17W13                      | QFN(7x7mm)          | 48  | UHD-S1C17W1X-QN48   |
| ESMT      | MPU/MCU     | EMT1042                       | TQFN(4x4mm)         | 28  | UHD-EMT1042-QN28    |
| ESMT      | MPU/MCU     | EMT1042                       | TSSOP(4.4mm)        | 28  | UHD-EMT1042-TSS28   |
| ESMT      | NAND FLASH  | F50D1G41LB-83YIG2M(disECC)    | WSON(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| ESMT      | NAND FLASH  | F50D1G41LB-83YIG2M(enECC)     | WSON(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| ESMT      | NAND FLASH  | F50L1G41A-104RAG2Y(disECC)    | LGA(6x8mm)          | 8   | UHD-SEEP-SN8C       |
| ESMT      | NAND FLASH  | F50L1G41A-104RAG2Y(enECC)     | LGA(6x8mm)          | 8   | UHD-SEEP-SN8C       |
| ESMT      | NAND FLASH  | F50L1G41LB-104YG2M(disECC)    | WSON(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| ESMT      | NAND FLASH  | F50L1G41LB-104YG2M(enECC)     | WSON(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| ESMT      | NAND FLASH  | F50L1G41LC-104YIG2PCA(disECC) | WSON(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| ESMT      | NAND FLASH  | F50L1G41LC-104YIG2PCA(enECC)  | WSON(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| ESMT      | NAND FLASH  | F50L1G41XA-104YG2BE(disECC)   | WSON(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| ESMT      | NAND FLASH  | F50L1G41XA-104YG2BE(enECC)    | WSON(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| ESMT      | NAND FLASH  | F50L2G41XA-104YIG2B(disECC)   | WSON(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| ESMT      | NAND FLASH  | F50L2G41XA-104YIG2B(enECC)    | WSON(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| ESMT      | NAND FLASH  | F50L4G41XB-104RAIG2X(disECC)  | LGA(6x8mm)          | 8   | UHD-SEEP-SN8C       |
| ESMT      | NAND FLASH  | F50L4G41XB-104RAIG2X(enECC)   | LGA(6x8mm)          | 8   | UHD-SEEP-SN8C       |
| ESMT      | NAND FLASH  | F59L1G81MB-25TIG2M            | TSOP(12x20mm)       | 48  | UHD-NAND-TS48V2     |
| ESMT      | NAND FLASH  | F59L2G81XA-25TIG2B            | TSOP(12x20mm)       | 48  | UHD-NAND-TS48V2     |
| ESMT      | NAND FLASH  | F59L4G81XB-25TIG2X            | TSOP(12x20mm)       | 48  | UHD-NAND-TS48V2     |
| ESMT      | eMMC/eMCP   | FC51L08SFY3A-2.5BWGE          | BGA(13x11.5mm)      | 153 | UHD-EMMC-BG153      |
| ESPRESSIF | MPU/MCU     | ESP32-C3-MINI-1U              | MODULE(13.2x12.5mm) | 53  | UHD-ESP32-MO53      |
| ESPRESSIF | MPU/MCU     | ESP32-S3-WROOM-1U-N16R8       | MODULE(19.2x18mm)   | 40  | UHD-ESP32-MO40      |
| ESPRESSIF | MPU/MCU     | ESP32-WROVER-B                | MODULE(31.4x18mm)   | 39  | UHD-ESP32-MO39      |
| ESPRESSIF | MPU/MCU     | ESP32-WROVER-IB-N16R8         | MODULE(31.4x18mm)   | 39  | UHD-ESP32-MO39      |
| ESPRESSIF | MPU/MCU     | ESP32-WROVER-IE-N4R           | MODULE(31.4x18mm)   | 39  | UHD-ESP32IE-MO39    |
| ETRON     | NAND FLASH  | EM73C044SNB-G(disECC)         | WSON(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| ETRON     | NAND FLASH  | EM73C044SNB-G(enECC)          | WSON(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| ETRON     | NAND FLASH  | EM73C044VCD-H(disECC)         | LGA(6x8mm)          | 8   | UHD-SEEP-SN8C       |
| ETRON     | NAND FLASH  | EM73C044VCD-H(enECC)          | LGA(6x8mm)          | 8   | UHD-SEEP-SN8C       |
| ETRON     | NAND FLASH  | EM73C044VCF-H(disECC)         | LGA(6x8mm)          | 8   | UHD-SEEP-SN8C       |
| ETRON     | NAND FLASH  | EM73C044VCF-H(enECC)          | LGA(6x8mm)          | 8   | UHD-SEEP-SN8C       |
| ETRON     | NAND FLASH  | EM73D044SNF-G(disECC)         | WSON(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| ETRON     | NAND FLASH  | EM73D044SNF-G(enECC)          | WSON(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| ETRON     | NAND FLASH  | EM73D044VCR-H(disECC)         | LGA(6x8mm)          | 8   | UHD-SEEP-SN8C       |
| ETRON     | NAND FLASH  | EM73D044VCR-H(enECC)          | LGA(6x8mm)          | 8   | UHD-SEEP-SN8C       |
| ETRON     | NAND FLASH  | EM73E044VCG-H(disECC)         | LGA(6x8mm)          | 8   | UHD-SEEP-SN8C       |
| ETRON     | NAND FLASH  | EM73E044VCG-H(enECC)          | LGA(6x8mm)          | 8   | UHD-SEEP-SN8C       |
| EXPLORE   | MPU/MCU     | EP9461E                       | LQFP(14x14mm)       | 128 | UHD-EP9461E-LQ128   |
| EXPLORE   | MPU/MCU     | EP9471E                       | LQFP(14x14mm)       | 128 | UHD-EP9461E-LQ128   |
| EXPLORE   | MPU/MCU     | EPF021A                       | LQFP(7x7mm)         | 64  | UHD-EPF025A-QF64    |
| EXPLORE   | MPU/MCU     | EPF025A                       | LQFP(7x7mm)         | 64  | UHD-EPF025A-QF64    |
| EXPLORE   | MPU/MCU     | EPF038                        | LQFP(7x7mm)         | 48  | UHD-EPF038-LQ48     |
| EXPLORE   | MPU/MCU     | EPG026                        | LQFP(7x7mm)         | 64  | UHD-EPG026-QF64     |
| FINTEK    | MPU/MCU     | F75504A                       | QFN(4x4mm)          | 28  | UHD-F75504A-QN28    |
| FMD       | Serial PROM | FT24C02A-xSx-x                | SOP(3.9mm)          | 8   | UHD-SEEP-SO8        |
| FMD       | Serial PROM | FT24C512A-xSx-x               | SOP(3.9mm)          | 8   | UHD-SEEP-SO8        |
| FORESEE   | NAND FLASH  | F35SQA001G-Wxx(disECC)        | WSON(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| FORESEE   | NAND FLASH  | F35SQA001G-Wxx(enECC)         | WSON(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| FORESEE   | NAND FLASH  | F35SQA002G-Wxx(disECC)        | WSON(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| FORESEE   | NAND FLASH  | F35SQA002G-Wxx(enECC)         | WSON(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| FORESEE   | NAND FLASH  | F35SQB004G-Wxx(disECC)        | WSON(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| FORESEE   | NAND FLASH  | F35SQB004G-Wxx(enECC)         | WSON(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| FORESEE   | NAND FLASH  | F35UQA002G-Wxx(disECC)        | WSON(6x8mm)         | 8   | UHD-SEEP-SN8C       |

| MFR        | GROUP       | IC                     | PACKAGE                 | PIN | Adapter            |
|------------|-------------|------------------------|-------------------------|-----|--------------------|
| FORESEE    | NAND FLASH  | F35UQA002G-Wxx(enECC)  | WSON(6x8mm)             | 8   | UHD-SEEP-SN8C      |
| FORESEE    | NAND FLASH  | F35UQB004G-Wxx(disECC) | WSON(6x8mm)             | 8   | UHD-SEEP-SN8C      |
| FORESEE    | NAND FLASH  | F35UQB004G-Wxx(enECC)  | WSON(6x8mm)             | 8   | UHD-SEEP-SN8C      |
| FORESEE    | eMMC/eMCP   | FEMDME008G-A8A39       | BGA(13x11.5mm)          | 153 | UHD-EMMC-BG153     |
| FORESEE    | eMMC/eMCP   | FEMDME016G-A8A43       | BGA(13x11.5mm)          | 153 | UHD-EMMC-BG153     |
| FORESEE    | eMMC/eMCP   | FEMDME032G-A8A58       | BGA(13x11.5mm)          | 153 | UHD-EMMC-BG153     |
| FORESEE    | eMMC/eMCP   | FEMDNN064G-A3A56       | BGA(13x11.5mm)          | 153 | UHD-EMMC-BG153     |
| FORESEE    | eMMC/eMCP   | FEMDNN128G-A3A56       | BGA(13x11.5mm)          | 153 | UHD-EMMC-BG153     |
| FORESEE    | eMMC/eMCP   | FEMDNN256G-A3A44       | BGA(13x11.5mm)          | 153 | UHD-EMMC-BG153     |
| FORESEE    | eMMC/eMCP   | FEMDNN256G-A3A56       | BGA(13x11.5mm)          | 153 | UHD-EMMC-BG153     |
| FORESEE    | eMMC/eMCP   | FEMDNN256G-A3V01       | BGA(13x11.5mm)          | 153 | UHD-EMMC-BG153     |
| FORESEE    | NAND FLASH  | FS33ND04GS108BFx0      | BGA(11x9mm)             | 63  | UHD-NAND-BG63A     |
| FORESEE    | eMMC/eMCP   | FSEIASLD-32G           | BGA(13x11.5mm)          | 153 | UHD-EMMC-BG153     |
| FORESEE    | eMMC/eMCP   | FSEIASLD-64G           | BGA(13x11.5mm)          | 153 | UHD-EMMC-BG153     |
| FORESEE    | NAND FLASH  | FSNS8A001G-Txx         | TSOP(12x20mm)           | 48  | UHD-NAND-TS48V2    |
| FORESEE    | NAND FLASH  | FSNS8A002G-Txx         | TSOP(12x20mm)           | 48  | UHD-NAND-TS48V2    |
| FORESEE    | UFS         | FEUDME064G-B8A19       | BGA(13x11.5mm)          | 153 | UHD-UFS-BG153      |
| FORESEE    | UFS         | FEUDME128G-B8A19       | BGA(13x11.5mm)          | 153 | UHD-UFS-BG153      |
| FORESEE    | UFS         | FEUDNN064G-C2A55       | BGA(13x11.5mm)          | 153 | UHD-UFS-BG153      |
| FORESEE    | UFS         | FEUDNN064G-C2G07       | BGA(13x11.5mm)          | 153 | UHD-UFS-BG153      |
| FORESEE    | UFS         | FEUDNN128G-C2A56       | BGA(13x11.5mm)          | 153 | UHD-UFS-BG153      |
| FORESEE    | UFS         | FEUDNN128G-C2G07       | BGA(13x11.5mm)          | 153 | UHD-UFS-BG153      |
| FORESEE    | UFS         | FEUDNN256G-C2G07       | BGA(13x11.5mm)          | 153 | UHD-UFS-BG153      |
| FORESEE    | UFS         | FEUDNN512G-C2G07       | BGA(13x11.5mm)          | 153 | UHD-UFS-BG153      |
| FORTIOR    | MPU/MCU     | FT8215Q                | QFN(4x4mm)              | 24  | UHD-FT8215Q-QN24   |
| FORTIOR    | MPU/MCU     | FU5821T                | TSSOP(4.4mm)            | 16  | UHD-FU5821T-TSS16  |
| FORTIOR    | MPU/MCU     | FU6812L                | LQFP(7x7mm)             | 48  | UHD-FU6812L-LQ48   |
| FORTIOR    | MPU/MCU     | FU6812S                | SSOP(3.9mm)             | 24  | UHD-FU6812S-SS24A  |
| FORTIOR    | MPU/MCU     | FU6812V                | SSOP(3.9mm)             | 24  | UHD-FU6812S-SS24A  |
| FORTIOR    | MPU/MCU     | FU6818Q                | QFN(7x7mm)              | 56  | UHD-FU6861Q-QN56   |
| FORTIOR    | MPU/MCU     | FU6831N                | QFN(4x4mm)              | 32  | UHD-FU6831N-QN32   |
| FORTIOR    | MPU/MCU     | FU6832N                | QFN(4x4mm)              | 32  | UHD-FU6832N-QN32   |
| FORTIOR    | MPU/MCU     | FU6861N                | QFN(5x5mm)              | 40  | UHD-FU6861N-QN40   |
| FORTIOR    | MPU/MCU     | FU6861Q                | QFN(7x7mm)              | 56  | UHD-FU6861Q-QN56   |
| FREESCALE  | MPU/MCU     | MK24FN1M0VDC12         | BGA(8x8mm)              | 121 | UHD-KINETIS-BG121  |
| FREESCALE  | MPU/MCU     | MK24FN1M0VDC12         | BGA(8x8mm)              | 121 | UHD-KINETIS-BG121A |
| FREESCALE  | MPU/MCU     | MK24FN1M0VLQ12         | LQFP(20x20mm)           | 144 | UHD-KINETIS-LQ144  |
| FREESCALE  | MPU/MCU     | MK60DN512VMD10         | BGA(13x13mm)            | 144 | UHD-KINETIS-BG144  |
| FREESCALE  | MPU/MCU     | MK64FN1M0VMD12         | BGA(13x13mm)            | 144 | UHD-KINETIS-BG144  |
| FTDI       | MPU/MCU     | VNC2-32L1C             | QFP(7x7mm)              | 32  | UHD-VNC2L-QF32A    |
| FTDI       | MPU/MCU     | VNC2-32L1C             | QFP(7x7mm)              | 32  | UHD-VNC2L-QF32B    |
| FUDAN      | Serial PROM | FM24C02F-SO-x-x        | SOP(3.9mm)              | 8   | UHD-SEEP-SO8       |
| FUDAN      | Serial PROM | FM25F01C-SO-xx-x-xx    | SOP(3.9mm)              | 8   | UHD-SEEP-SO8       |
| FUDAN      | Serial PROM | FM25F01C-US-xx-x-xx    | UDFN(2x3mm)             | 8   | UHD-SEEP-SN8A3     |
| FUDAN      | Serial PROM | FM25Q04B-SO-x-x        | SOP(3.9mm)              | 8   | UHD-SEEP-SO8       |
| FUDAN      | Serial PROM | FM25Q128AI3-SOB-x-x    | SOP(5.3mm)              | 8   | UHD-SEEP-SO8A      |
| FUDAN      | Serial PROM | FM25W04I3-SN-x-x       | USON(2x3mm)             | 8   | UHD-SEEP-SN8L      |
| FUJITSU    | MPU/MCU     | MB95F318               | LQFP(12x12mm)           | 80  | HD-MB95F318-LQ80   |
| FUJITSU    | MPU/MCU     | MB95F398               | LQFP(7x7mm)             | 48  | HD-MB95F398-LQ48   |
| FUJITSU    | MPU/MCU     | MB95F478K              | LQFP(10x10mm)           | 64  | HD-MB95F478/O-LQ64 |
| FUJITSU    | MPU/MCU     | MB95F478K              | TQFP(12x12mm)           | 64  | UHD-MB95F478-TQ64  |
| FUJITSU    | MPU/MCU     | MB96F6C5xB             | LQFP(16x16mm)           | 120 | UHD-MB96F6CX-LQ120 |
| FUJITSU    | MPU/MCU     | MB9AF005               | LQFP(14x14mm)           | 100 | UHD-MB9AF1AX-LQ100 |
| GIANTEC    | Serial PROM | GT24C02B-xGxx-xx       | SOP(3.9mm)              | 8   | UHD-SEEP-SO8       |
| GIANTEC    | Serial PROM | GT24C02H-xGxx-xx       | SOP(3.9mm)              | 8   | UHD-SEEP-SO8       |
| GIANTEC    | Serial PROM | GT24C64A-xGxx-x        | SOP(3.9mm)              | 8   | UHD-SEEP-SO8       |
| GIANTEC    | Serial PROM | GT24C64A-xZxx-x        | TSSOP(4.4mm)            | 8   | UHD-SEEP-SS8       |
| GIANTEC    | Serial PROM | GT24C64E-xUDxx-x       | UDFN(2x3mm)             | 8   | UHD-SEEP-SN8A3     |
| GIANTEC    | Serial PROM | GT24C64H-xGxx-xx       | SOP(3.9mm)              | 8   | UHD-SEEP-SO8       |
| GIANTEC    | Serial PROM | GT25C128A-xGxx-xx      | SOP(3.9mm)              | 8   | UHD-SEEP-SO8       |
| GIANTEC    | Serial PROM | GT25Q20C-UEDxx-xx      | USON(2x3mm)             | 8   | UHD-SEEP-SN8L      |
| GIANTEC    | Serial PROM | GT25Q32A-UWxx-xx       | SOP(5.3mm)              | 8   | UHD-SEEP-SO8A      |
| GIANTEC    | Serial PROM | GT34C02B-xZxx-xx       | TSSOP(4.4mm)            | 8   | UHD-SEEP-SS8       |
| GIGADEVICE | Serial PROM | GD25B32ESxxx           | SOP(5.3mm)              | 8   | UHD-SEEP-SO8A      |
| GIGADEVICE | Serial PROM | GD25B32ETxxx           | SOP(3.9mm)              | 8   | UHD-SEEP-SO8       |
| GIGADEVICE | Serial PROM | GD25B512MFFxxx         | SOP(7.5mm)              | 16  | UHD-SEEP-SO16      |
| GIGADEVICE | Serial PROM | GD25B512MFYxxx         | WSON(6x8mm)             | 8   | UHD-SEEP-SN8C      |
| GIGADEVICE | Serial PROM | GD25F512MFFxxx         | SOP(7.5mm)              | 16  | UHD-SEEP-SO16      |
| GIGADEVICE | Serial PROM | GD25F64FSxxx           | SOP(5.3mm)              | 8   | UHD-SEEP-SO8A      |
| GIGADEVICE | Serial PROM | GD25LB128ESxxx         | SOP(5.3mm)              | 8   | UHD-SEEP-SO8A      |
| GIGADEVICE | Serial PROM | GD25LB128EWxxx         | WSON(5x6mm)             | 8   | UHD-SEEP-SN8B      |
| GIGADEVICE | Serial PROM | GD25LB128EYxxx         | WSON(6x8mm)             | 8   | UHD-SEEP-SN8C      |
| GIGADEVICE | Serial PROM | GD25LB256FFxxx         | SOP(7.5mm)              | 16  | UHD-SEEP-SO16      |
| GIGADEVICE | Serial PROM | GD25LB256FYxxx         | WSON(6x8mm)             | 8   | UHD-SEEP-SN8C      |
| GIGADEVICE | Serial PROM | GD25LE128ESxxx         | SOP(5.3mm)              | 8   | UHD-SEEP-SO8A      |
| GIGADEVICE | Serial PROM | GD25LQ16C8xxx          | USON(2x3mm)             | 8   | UHD-SEEP-SN8L      |
| GIGADEVICE | Serial PROM | GD25LQ16CSxxx          | SOP(5.3mm)              | 8   | UHD-SEEP-SO8A      |
| GIGADEVICE | Serial PROM | GD25LQ40CExxx          | USON(2x3mm)             | 8   | UHD-SEEP-SN8L      |
| GIGADEVICE | Serial PROM | GD25LQ40CTxxx          | SOP(3.9mm)              | 8   | UHD-SEEP-SO8       |
| GIGADEVICE | Serial PROM | GD25LR128DSxxx         | SOP(5.3mm)              | 8   | UHD-SEEP-SO8A      |
| GIGADEVICE | Serial PROM | GD25LR128DWxxx         | WSON(5x6mm)             | 8   | UHD-SEEP-SN8B      |
| GIGADEVICE | Serial PROM | GD25LR512MFYxxx        | WSON(6x8mm)             | 8   | UHD-SEEP-SN8C      |
| GIGADEVICE | Serial PROM | GD25LT512MEBxRx        | TFBGA(8x6mm,5x5-1 ball) | 24  | UHD-SEEP-BG24A     |
| GIGADEVICE | Serial PROM | GD25LX512MEBxRx        | TFBGA(8x6mm,5x5-1 ball) | 24  | UHD-SEEP-BG24A     |
| GIGADEVICE | Serial PROM | GD25Q127CFxxx          | SOP(7.5mm)              | 16  | UHD-SEEP-SO16      |

| MFR        | GROUP       | IC                     | PACKAGE                 | PIN | Adapter                |
|------------|-------------|------------------------|-------------------------|-----|------------------------|
| GIGADEVICE | Serial PROM | GD25Q127CSxxx          | SOP(5.3mm)              | 8   | UHD-SEEP-SO8A          |
| GIGADEVICE | Serial PROM | GD25Q127CWxxx          | WSO(5x6mm)              | 8   | UHD-SEEP-SN8B          |
| GIGADEVICE | Serial PROM | GD25Q127CYxxx          | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C          |
| GIGADEVICE | Serial PROM | GD25Q128EQxxx          | SON(4.4mm)              | 8   | RUHD-SEEP-SN8G1        |
| GIGADEVICE | Serial PROM | GD25Q128ESxxx          | SOP(5.3mm)              | 8   | UHD-SEEP-SO8A          |
| GIGADEVICE | Serial PROM | GD25Q128EWxxx          | WSO(5x6mm)              | 8   | UHD-SEEP-SN8B          |
| GIGADEVICE | Serial PROM | GD25Q128EYxxx          | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C          |
| GIGADEVICE | Serial PROM | GD25Q16EExxx           | USON(2x3mm)             | 8   | UHD-SEEP-SN8L          |
| GIGADEVICE | Serial PROM | GD25Q16ESxxx           | SOP(5.3mm)              | 8   | UHD-SEEP-SO8A          |
| GIGADEVICE | Serial PROM | GD25Q16ETxxx           | SOP(3.9mm)              | 8   | UHD-SEEP-SO8           |
| GIGADEVICE | Serial PROM | GD25Q16EWxxx           | WSO(5x6mm)              | 8   | UHD-SEEP-SN8B          |
| GIGADEVICE | Serial PROM | GD25Q40CExxx           | USON(2x3mm)             | 8   | UHD-SEEP-SN8A3         |
| GIGADEVICE | Serial PROM | GD25Q40CSxxx           | SOP(5.3mm)              | 8   | UHD-SEEP-SO8A          |
| GIGADEVICE | Serial PROM | GD25Q40CTxxx           | SOP(3.9mm)              | 8   | UHD-SEEP-SO8           |
| GIGADEVICE | Serial PROM | GD25Q40EExxx           | USON(2x3mm)             | 8   | UHD-SEEP-SN8L          |
| GIGADEVICE | Serial PROM | GD25Q40ESxxx           | SOP(5.3mm)              | 8   | UHD-SEEP-SO8A          |
| GIGADEVICE | Serial PROM | GD25Q40ETxxx           | SOP(3.9mm)              | 8   | UHD-SEEP-SO8           |
| GIGADEVICE | Serial PROM | GD25Q64CSxxx           | SOP(5.3mm)              | 8   | UHD-SEEP-SO8A          |
| GIGADEVICE | Serial PROM | GD25Q64CWxxx           | WSO(5x6mm)              | 8   | UHD-SEEP-SN8B          |
| GIGADEVICE | Serial PROM | GD25R64CSxxx           | SOP(3.9mm)              | 8   | UHD-SEEP-SO8           |
| GIGADEVICE | Serial PROM | GD25WQ16ETxxx          | SOP(3.9mm)              | 8   | UHD-SEEP-SO8           |
| GIGADEVICE | Serial PROM | GD25WQ32ESxxx          | SOP(5.3mm)              | 8   | UHD-SEEP-SO8A          |
| GIGADEVICE | Serial PROM | GD25X512MEBxxx         | BGA(8x6mm,5x5-1 ball)   | 24  | UHD-SEEP-BG24A         |
| GIGADEVICE | MPU/MCU     | GD32E230F8Px           | TSSOP(4.4mm)            | 20  | HD-STM32F03XF/O-TSS20  |
| GIGADEVICE | MPU/MCU     | GD32F330R8Tx           | LQFP(10x10mm)           | 64  | HD-STM32F10XR/O-QF64V5 |
| GIGADEVICE | MPU/MCU     | GD32F427RKTx           | LQFP(10x10mm)           | 64  | HD-STM32F10XR/O-QF64V5 |
| GIGADEVICE | MPU/MCU     | GD32F427ZGTx           | LQFP(20x20mm)           | 144 | UHD-STM32F10XZ-QF144A  |
| GIGADEVICE | MPU/MCU     | GD32F450IIHx           | BGA(10x10mm)            | 176 | UHD-GD32F450I-BG176    |
| GIGADEVICE | MPU/MCU     | GD32F470ZITx           | LQFP(20x20mm)           | 144 | UHD-STM32F10XZ-QF144A  |
| GIGADEVICE | Serial PROM | GD55B02GFBxxx          | TFBGA(8x6mm,5x5-1 ball) | 24  | UHD-SEEP-BG24A         |
| GIGADEVICE | Serial PROM | GD55LB512MFYxxx        | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C          |
| GIGADEVICE | Serial PROM | GD55LR512MFYxxx        | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C          |
| GIGADEVICE | NAND FLASH  | GD5F1GM9REYxG(disECC)  | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C          |
| GIGADEVICE | NAND FLASH  | GD5F1GM9REYxG(enECC)   | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C          |
| GIGADEVICE | NAND FLASH  | GD5F1GM9UEYxG(disECC)  | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C          |
| GIGADEVICE | NAND FLASH  | GD5F1GM9UEYxG(enECC)   | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C          |
| GIGADEVICE | NAND FLASH  | GD5F1GQ4RB9xGx(disECC) | LGA(6x8mm)              | 8   | UHD-SEEP-SN8C          |
| GIGADEVICE | NAND FLASH  | GD5F1GQ4RB9xGx(enECC)  | LGA(6x8mm)              | 8   | UHD-SEEP-SN8C          |
| GIGADEVICE | NAND FLASH  | GD5F1GQ4UFYxGx(disECC) | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C          |
| GIGADEVICE | NAND FLASH  | GD5F1GQ4UFYxGx(enECC)  | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C          |
| GIGADEVICE | NAND FLASH  | GD5F1GQ5REYxHx(disECC) | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C          |
| GIGADEVICE | NAND FLASH  | GD5F1GQ5REYxHx(enECC)  | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C          |
| GIGADEVICE | NAND FLASH  | GD5F1GQ5UEYxH(disECC)  | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C          |
| GIGADEVICE | NAND FLASH  | GD5F1GQ5UEYxH(enECC)   | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C          |
| GIGADEVICE | NAND FLASH  | GD5F2GM7REYxG(disECC)  | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C          |
| GIGADEVICE | NAND FLASH  | GD5F2GM7REYxG(enECC)   | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C          |
| GIGADEVICE | NAND FLASH  | GD5F2GM7UEYxG(disECC)  | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C          |
| GIGADEVICE | NAND FLASH  | GD5F2GM7UEYxG(enECC)   | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C          |
| GIGADEVICE | NAND FLASH  | GD5F2GQ4RB9xGx(disECC) | LGA(6x8mm)              | 8   | UHD-SEEP-SN8C          |
| GIGADEVICE | NAND FLASH  | GD5F2GQ4RB9xGx(enECC)  | LGA(6x8mm)              | 8   | UHD-SEEP-SN8C          |
| GIGADEVICE | NAND FLASH  | GD5F2GQ4UB9xGx(disECC) | LGA(6x8mm)              | 8   | UHD-SEEP-SN8C          |
| GIGADEVICE | NAND FLASH  | GD5F2GQ4UB9xGx(enECC)  | LGA(6x8mm)              | 8   | UHD-SEEP-SN8C          |
| GIGADEVICE | NAND FLASH  | GD5F2GQ5REYxG(disECC)  | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C          |
| GIGADEVICE | NAND FLASH  | GD5F2GQ5REYxG(enECC)   | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C          |
| GIGADEVICE | NAND FLASH  | GD5F2GQ5UEYxGx(disECC) | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C          |
| GIGADEVICE | NAND FLASH  | GD5F2GQ5UEYxGx(enECC)  | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C          |
| GIGADEVICE | NAND FLASH  | GD5F2GQ5UEYxH(disECC)  | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C          |
| GIGADEVICE | NAND FLASH  | GD5F2GQ5UEYxH(enECC)   | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C          |
| GIGADEVICE | NAND FLASH  | GD5F4GQ6REYxGx(disECC) | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C          |
| GIGADEVICE | NAND FLASH  | GD5F4GQ6REYxGx(enECC)  | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C          |
| GIGADEVICE | NAND FLASH  | GD5F4GQ6UEYxGx(disECC) | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C          |
| GIGADEVICE | NAND FLASH  | GD5F4GQ6UEYxGx(enECC)  | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C          |
| GIGADEVICE | NAND FLASH  | GD9FU2G8F2AMGx         | TSOP(12x20mm)           | 48  | UHD-NAND-TS48V2        |
| GIGADEVICE | Serial PROM | MD25D80DTxxx           | SOP(3.9mm)              | 8   | UHD-SEEP-SO8           |
| GMT        | MPU/MCU     | AUO-G201.19            | QFN(4x4mm)              | 24  | HD-AUOG201/O-QN24A     |
| GMT        | MPU/MCU     | AUO-P303.19            | QFN(5x5mm)              | 40  | HD-AUOP303/O-QN40      |
| GMT        | MPU/MCU     | AUO-P303.19            | QFN(5x5mm)              | 40  | HD-AUOP303/O-QN40A     |
| GMT        | MPU/MCU     | AUO-P303.29            | QFN(5x5mm)              | 40  | HD-AUOP303/O-QN40      |
| GMT        | MPU/MCU     | AUO-P303.29            | QFN(5x5mm)              | 40  | HD-AUOP303/O-QN40A     |
| GMT        | MPU/MCU     | AUO-S305.29            | QFN(4x4mm)              | 32  | UHD-GAUOS305-QN32      |
| GOWIN      | PLD         | GW1N-UV1P5LQ100        | LQFP(14x14mm)           | 100 | UHD-GW1N1P5-LQ100      |
| GOWIN      | PLD         | GW1N-UV2LQ144          | LQFP(20x20mm)           | 144 | UHD-GW1NUV2-LQ144      |
| GOWIN      | PLD         | GW1N-UV4LQ144          | LQFP(20x20mm)           | 144 | UHD-GW1NUV4-LQ144      |
| GOWIN      | PLD         | GW1N-UV4PG256          | PBGA(17x17mm)           | 256 | UHD-GW1NUV4-BG256      |
| GOWIN      | PLD         | GW1N-UV9UG332(-9C)     | UBGA(17x17mm)           | 332 | UHD-GW1NUV9-BG332      |
| GOWIN      | PLD         | GW1NZ-LV1QN48          | QFN(6x6mm)              | 48  | UHD-GW1NZLV1-QN48      |
| HEYANGTEK  | NAND FLASH  | HY25M1GBPACA           | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C          |
| HEYANGTEK  | NAND FLASH  | HY25Q1GBPACA           | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C          |
| HEYANGTEK  | eMMC/eMCP   | HYE4GUECCE             | BGA(13x11.5mm)          | 153 | UHD-EMMC-BG153         |
| HEYANGTEK  | eMMC/eMCP   | HYE8GUECCE             | BGA(13x11.5mm)          | 153 | UHD-EMMC-BG153         |
| HEYANGTEK  | NAND FLASH  | HYF1GQ4UTACAE(enECC)   | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C          |
| HEYANGTEK  | NAND FLASH  | HYF1GQ4UTDCAE(disECC)  | BGA(8x6mm,6x4 ball)     | 24  | UHD-SEEP-BG24          |
| HEYANGTEK  | NAND FLASH  | HYF1GQ4UTDCAE(enECC)   | BGA(8x6mm,6x4 ball)     | 24  | UHD-SEEP-BG24          |
| HEYANGTEK  | NAND FLASH  | HYF2GQ4IAACAE(disECC)  | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C          |
| HEYANGTEK  | NAND FLASH  | HYF2GQ4IAACAE(enECC)   | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C          |

| MFR         | GROUP      | IC                     | PACKAGE               | PIN | Adapter              |
|-------------|------------|------------------------|-----------------------|-----|----------------------|
| HEYANGTEK   | NAND FLASH | HYF2GQ4UAAACAE(disECC) | WSON(6x8mm)           | 8   | UHD-SEEP-SN8C        |
| HEYANGTEK   | NAND FLASH | HYF2GQ4UADCAE(disECC)  | TFBGA(8x6mm,6x4 ball) | 24  | UHD-SEEP-BG24        |
| HEYANGTEK   | NAND FLASH | HYF2GQ4UADCAE(enECC)   | TFBGA(8x6mm,6x4 ball) | 24  | UHD-SEEP-BG24        |
| HEYANGTEK   | NAND FLASH | HYF2GQ4UTACAE(enECC)   | WSON(6x8mm)           | 8   | UHD-SEEP-SN8C        |
| HEYANGTEK   | NAND FLASH | HYF2GQ4UTDCAE(disECC)  | BGA(8x6mm,6x4 ball)   | 24  | UHD-SEEP-BG24        |
| HEYANGTEK   | NAND FLASH | HYF2GQ4UTDCAE(enECC)   | BGA(8x6mm,6x4 ball)   | 24  | UHD-SEEP-BG24        |
| HEYANGTEK   | NAND FLASH | HYF4GQ4UAAACAE(disECC) | WSON(6x8mm)           | 8   | UHD-SEEP-SN8C        |
| HEYANGTEK   | NAND FLASH | HYF4GQ4UAAACAE(enECC)  | WSON(6x8mm)           | 8   | UHD-SEEP-SN8C        |
| HEYANGTEK   | NAND FLASH | HYF4GQ4UAAACBE(disECC) | WSON(6x8mm)           | 8   | UHD-SEEP-SN8C        |
| HEYANGTEK   | NAND FLASH | HYF4GQ4UAAACBE(enECC)  | WSON(6x8mm)           | 8   | UHD-SEEP-SN8C        |
| HEYANGTEK   | NAND FLASH | HYF4GQ4UACCAE(disECC)  | WSON(6x8mm)           | 8   | UHD-SEEP-SN8C        |
| HEYANGTEK   | NAND FLASH | HYF4GQ4UACCAE(enECC)   | WSON(6x8mm)           | 8   | UHD-SEEP-SN8C        |
| HEYANGTEK   | NAND FLASH | HYF4GQ4UTDCAE(disECC)  | BGA(8x6mm,6x4 ball)   | 24  | UHD-SEEP-BG24        |
| HEYANGTEK   | NAND FLASH | HYF4GQ4UTDCAE(enECC)   | BGA(8x6mm,6x4 ball)   | 24  | UHD-SEEP-BG24        |
| HEYANGTEK   | NAND FLASH | HYF8GQ4UACCAE(disECC)  | WSON(6x8mm)           | 8   | UHD-SEEP-SN8C        |
| HEYANGTEK   | NAND FLASH | HYF8GQ4UACCAE(enECC)   | WSON(6x8mm)           | 8   | UHD-SEEP-SN8C        |
| HEYANGTEK   | NAND FLASH | HYFQ512NACB(disECC)    | WSON(6x8mm)           | 8   | UHD-SEEP-SN8C        |
| HEYANGTEK   | NAND FLASH | HYFQ512NACB(enECC)     | WSON(6x8mm)           | 8   | UHD-SEEP-SN8C        |
| HEYANGTEK   | NAND FLASH | HYN1G08UKFCA1          | BGA(11x9mm)           | 63  | UHD-NAND-BG63A       |
| HEYANGTEK   | NAND FLASH | HYN1G08UKTCA1          | TSOP(12x20mm)         | 48  | UHD-NAND-TS48V2      |
| HEYANGTEK   | NAND FLASH | HYN2G08IHFCC4          | FBGA(11x9mm)          | 63  | UHD-NAND-BG63A       |
| HEYANGTEK   | NAND FLASH | HYN2G08UKTCC1          | TSOP(12x20mm)         | 48  | UHD-NAND-TS48V2      |
| HIKSEMI     | NAND FLASH | HSENSD04ATIG           | TSOP(12x20mm)         | 48  | UHD-NAND-TS48V2      |
| HIKSEMI     | NAND FLASH | HSESYHDSW1G(enECC)     | WSON(6x8mm)           | 8   | UHD-SEEP-SN8C        |
| HISILICON   | MPU/MCU    | SD5000RBIV200          | BGA(13x13mm)          | 208 | UHD-SD5000V200-BG208 |
| HISILICON   | MPU/MCU    | SD5000RBIV200(BOOT)    | BGA(13x13mm)          | 208 | UHD-SD5000V200-BG208 |
| HISILICON   | MPU/MCU    | SD5000RBIV300          | BGA(13x13mm)          | 208 | UHD-SD5000V300-BG208 |
| HISILICON   | MPU/MCU    | SD5000RBIV300(BOOT)    | BGA(13x13mm)          | 208 | UHD-SD5000V300-BG208 |
| HK          | MPU/MCU    | HK32F0301MF4P7C        | TSSOP(4.4mm)          | 20  | UHD-HK32F030M-TSS20  |
| HOSINGLOBAL | UFS        | CBE06-2560CHAC         | BGA(13x11.5mm)        | 153 | UHD-UFS-BG153        |
| INFINEON    | MPU/MCU    | CY8C4124AZI-S413       | QFN(7x7mm)            | 48  | UHD-CY8C40-QF48      |
| INFINEON    | MPU/MCU    | CY8C5867AXI-LP028      | QFN(8x8mm)            | 68  | HD-CY8C32/O-QN68     |
| INFINEON    | MPU/MCU    | CYPD8129-52LQXI        | QFN(8x5mm)            | 52  | UHD-CYPD6-QN52       |
| INFINEON    | MPU/MCU    | CYPD8229-52LQXI        | QFN(8x5mm)            | 52  | UHD-CYPD6-QN52       |
| INFINEON    | MPU/MCU    | PX8143HDM              | QFN(5x5mm)            | 40  | HD-PX8143/O-QN40     |
| INFINEON    | MPU/MCU    | PX8240HDNG             | QFN(6x6mm)            | 48  | HD-PXK746/O-QN48     |
| INFINEON    | MPU/MCU    | PXC1331CPN-G002        | QFN(6x6mm)            | 48  | HD-PXE1610-QN48      |
| INFINEON    | MPU/MCU    | PXC1410BPM-G002        | QFN(5x5mm)            | 40  | HD-PXC1410-QN40      |
| INFINEON    | MPU/MCU    | PXE1100JDM-G001        | QFN(5x5mm)            | 40  | HD-PXC1410-QN40      |
| INFINEON    | MPU/MCU    | PXE1110CDM-G003        | QFN(5x5mm)            | 40  | HD-PXC1410-QN40      |
| INFINEON    | MPU/MCU    | PXE1110CPM-G003        | QFN(5x5mm)            | 40  | HD-PXC1410-QN40      |
| INFINEON    | MPU/MCU    | PXE1110CPM-G023        | QFN(5x5mm)            | 40  | HD-PXC1410-QN40      |
| INFINEON    | MPU/MCU    | PXE1110JDM-G001        | QFN(5x5mm)            | 40  | HD-PXC1410-QN40      |
| INFINEON    | MPU/MCU    | PXE1211CDM-G003        | QFN(5x5mm)            | 40  | HD-PXC1410-QN40      |
| INFINEON    | MPU/MCU    | PXE1211CPM-G003        | QFN(5x5mm)            | 40  | HD-PXC1410-QN40      |
| INFINEON    | MPU/MCU    | PXE1211CPM-G023        | QFN(5x5mm)            | 40  | HD-PXC1410-QN40      |
| INFINEON    | MPU/MCU    | PXE1331CDN-G003        | QFN(6x6mm)            | 48  | HD-PXE1610-QN48      |
| INFINEON    | MPU/MCU    | PXE1410CDM-G003        | QFN(5x5mm)            | 40  | HD-PXC1410-QN40      |
| INFINEON    | MPU/MCU    | PXE1410CDM-G023        | QFN(5x5mm)            | 40  | HD-PXC1410-QN40      |
| INFINEON    | MPU/MCU    | PXE1520CDN-G003        | QFN(6x6mm)            | 48  | HD-PXE1610-QN48      |
| INFINEON    | MPU/MCU    | PXE1610CDN-G003        | QFN(6x6mm)            | 48  | HD-PXE1610-QN48      |
| INFINEON    | MPU/MCU    | PXE1610CDN-G013        | QFN(6x6mm)            | 48  | HD-PXE1610-QN48      |
| INFINEON    | MPU/MCU    | PXE1610CDN-G023        | QFN(6x6mm)            | 48  | HD-PXE1610-QN48      |
| INFINEON    | MPU/MCU    | PXE1610CPN-G003        | QFN(6x6mm)            | 48  | HD-PXE1610-QN48      |
| INFINEON    | MPU/MCU    | PXM1310CDM-G003        | QFN(5x5mm)            | 40  | HD-PXC1410-QN40      |
| INFINEON    | MPU/MCU    | PXM1310CDM-G013        | QFN(5x5mm)            | 40  | HD-PXC1410-QN40      |
| INFINEON    | MPU/MCU    | PXM1310CDM-G023        | QFN(5x5mm)            | 40  | HD-PXC1410-QN40      |
| INFINEON    | MPU/MCU    | PXM1310CPM-G003        | QFN(5x5mm)            | 40  | HD-PXC1410-QN40      |
| INFINEON    | MPU/MCU    | PXM1330CDN-G003        | QFN(6x6mm)            | 48  | HD-PXE1610-QN48      |
| INFINEON    | MPU/MCU    | PXM1330CDN-G013        | QFN(6x6mm)            | 48  | HD-PXE1610-QN48      |
| INFINEON    | MPU/MCU    | PXP1600CPQ-G003        | QFN(7x7mm)            | 48  | UHD-PXP1600-QN48     |
| INFINEON    | MPU/MCU    | PXP1600CPQ-G033        | QFN(7x7mm)            | 48  | UHD-PXP1600-QN48     |
| INFINEON    | MPU/MCU    | SAK-TC364DP-64F300S    | TQFP(16x16mm)         | 144 | UHD-TC364-TQ144      |
| INFINEON    | MPU/MCU    | SAK-TC367DP-64F300S    | BGA(17x17mm)          | 292 | UHD-TC367-BG292      |
| INFINEON    | MPU/MCU    | TDA38640               | PQFN(6x5mm)           | 37  | UHD-TDA38740-QN37    |
| INFINEON    | MPU/MCU    | TDA38640(M)            | PQFN(6x5mm)           | 37  | UHD-TDA38740-QN37    |
| INFINEON    | MPU/MCU    | TDA38640A              | PQFN(6x5mm)           | 37  | UHD-TDA38740-QN37    |
| INFINEON    | MPU/MCU    | XDPE710-002            | QFN(6x6mm)            | 29  | UHD-XDP710-QN29      |
| INFINEON    | MPU/MCU    | XDPE12254C             | QFN(5x5mm)            | 40  | UHD-XDPE12284A-QN40  |
| INFINEON    | MPU/MCU    | XDPE12254C             | QFN(5x5mm)            | 40  | UHD-XDPE12284A-QN40A |
| INFINEON    | MPU/MCU    | XDPE12283C             | QFN(5x5mm)            | 40  | UHD-XDPE12284A-QN40A |
| INFINEON    | MPU/MCU    | XDPE12283C(XCF)        | QFN(5x5mm)            | 40  | UHD-XDPE12284A-QN40A |
| INFINEON    | MPU/MCU    | XDPE12284C             | QFN(5x5mm)            | 40  | UHD-XDPE12284A-QN40  |
| INFINEON    | MPU/MCU    | XDPE12284C(XCF)        | QFN(5x5mm)            | 40  | UHD-XDPE12284A-QN40  |
| INFINEON    | MPU/MCU    | XDPE132G5C             | QFN(7x7mm)            | 56  | UHD-XDPE132G5C-QN56  |
| INFINEON    | MPU/MCU    | XDPE132G5D-G000        | QFN(7x7mm)            | 56  | UHD-XDPE132G5C-QN56  |
| INFINEON    | MPU/MCU    | XDPE132G5H             | QFN(7x7mm)            | 56  | UHD-XDPE132G5C-QN56  |
| INFINEON    | MPU/MCU    | XDPE14243A             | QFN(5x5mm)            | 40  | UHD-XDPE14284-QN40   |
| INFINEON    | MPU/MCU    | XDPE14284A             | QFN(5x5mm)            | 40  | UHD-XDPE14284-QN40   |
| INFINEON    | MPU/MCU    | XDPE15254C             | QFN(5x5mm)            | 40  | UHD-XDPE12284A-QN40  |
| INFINEON    | MPU/MCU    | XDPE15254D             | QFN(5x5mm)            | 40  | UHD-XDPE12284A-QN40  |
| INFINEON    | MPU/MCU    | XDPE15254D             | QFN(5x5mm)            | 40  | UHD-XDPE12284A-QN40A |
| INFINEON    | MPU/MCU    | XDPE15284A             | QFN(5x5mm)            | 40  | UHD-XDPE12284A-QN40  |
| INFINEON    | MPU/MCU    | XDPE15284B             | QFN(5x5mm)            | 40  | UHD-XDPE12284A-QN40  |
| INFINEON    | MPU/MCU    | XDPE15284C             | QFN(5x5mm)            | 40  | UHD-XDPE12284A-QN40  |

| MFR      | GROUP       | IC                | PACKAGE                 | PIN | Adapter               |
|----------|-------------|-------------------|-------------------------|-----|-----------------------|
| INFINEON | MPU/MCU     | XDPE15284D        | QFN(5x5mm)              | 40  | UHD-XDPE12284A-QN40   |
| INFINEON | MPU/MCU     | XDPE15284D        | QFN(5x5mm)              | 40  | UHD-XDPE12284A-QN40A  |
| INFINEON | MPU/MCU     | XDPE152C4A        | QFN(6x6mm)              | 48  | UHD-XDPE152XX-QN48AV2 |
| INFINEON | MPU/MCU     | XDPE152C4A        | QFN(6x6mm)              | 48  | UHD-XDPE152XX-QN48BV2 |
| INFINEON | MPU/MCU     | XDPE152C4A        | QFN(6x6mm)              | 48  | UHD-XDPE152XX-QN48V2  |
| INFINEON | MPU/MCU     | XDPE152C4B        | QFN(6x6mm)              | 48  | UHD-XDPE152XX-QN48AV2 |
| INFINEON | MPU/MCU     | XDPE152C4B        | QFN(6x6mm)              | 48  | UHD-XDPE152XX-QN48BV2 |
| INFINEON | MPU/MCU     | XDPE152C4B        | QFN(6x6mm)              | 48  | UHD-XDPE152XX-QN48V2  |
| INFINEON | MPU/MCU     | XDPE152C4C        | QFN(6x6mm)              | 48  | UHD-XDPE152XX-QN48AV2 |
| INFINEON | MPU/MCU     | XDPE152C4C        | QFN(6x6mm)              | 48  | UHD-XDPE152XX-QN48BV2 |
| INFINEON | MPU/MCU     | XDPE152C4C        | QFN(6x6mm)              | 48  | UHD-XDPE152XX-QN48V2  |
| INFINEON | MPU/MCU     | XDPE152C4D        | QFN(6x6mm)              | 48  | UHD-XDPE152XX-QN48AV2 |
| INFINEON | MPU/MCU     | XDPE152C4D        | QFN(6x6mm)              | 48  | UHD-XDPE152XX-QN48BV2 |
| INFINEON | MPU/MCU     | XDPE152C4D        | QFN(6x6mm)              | 48  | UHD-XDPE152XX-QN48V2  |
| INFINEON | MPU/MCU     | XDPE19283A        | QFN(5x5mm)              | 40  | UHD-XDPE12284A-QN40   |
| INFINEON | MPU/MCU     | XDPE19283A        | QFN(5x5mm)              | 40  | UHD-XDPE12284A-QN40A  |
| INFINEON | MPU/MCU     | XDPE19283B        | QFN(5x5mm)              | 40  | UHD-XDPE12284A-QN40   |
| INFINEON | MPU/MCU     | XDPE19283B        | QFN(5x5mm)              | 40  | UHD-XDPE12284A-QN40A  |
| INFINEON | MPU/MCU     | XDPE19283C        | QFN(5x5mm)              | 40  | UHD-XDPE12284A-QN40   |
| INFINEON | MPU/MCU     | XDPE19283C        | QFN(5x5mm)              | 40  | UHD-XDPE12284A-QN40A  |
| INFINEON | MPU/MCU     | XDPE19284B        | QFN(5x5mm)              | 40  | UHD-XDPE12284A-QN40   |
| INFINEON | MPU/MCU     | XDPE19284B        | QFN(5x5mm)              | 40  | UHD-XDPE12284A-QN40A  |
| INFINEON | MPU/MCU     | XDPE19284C        | QFN(5x5mm)              | 40  | UHD-XDPE12284A-QN40   |
| INFINEON | MPU/MCU     | XDPE19284C        | QFN(5x5mm)              | 40  | UHD-XDPE12284A-QN40A  |
| INFINEON | MPU/MCU     | XDPE192A3B        | QFN(6x6mm)              | 48  | UHD-XDPE152XX-QN48AV2 |
| INFINEON | MPU/MCU     | XDPE192A3B        | QFN(6x6mm)              | 48  | UHD-XDPE152XX-QN48BV2 |
| INFINEON | MPU/MCU     | XDPE192A3B        | QFN(6x6mm)              | 48  | UHD-XDPE152XX-QN48V2  |
| INFINEON | MPU/MCU     | XDPE192A3C        | QFN(6x6mm)              | 48  | UHD-XDPE152XX-QN48AV2 |
| INFINEON | MPU/MCU     | XDPE192A3C        | QFN(6x6mm)              | 48  | UHD-XDPE152XX-QN48BV2 |
| INFINEON | MPU/MCU     | XDPE192A3C        | QFN(6x6mm)              | 48  | UHD-XDPE152XX-QN48V2  |
| INFINEON | MPU/MCU     | XDPE192C3A        | QFN(6x6mm)              | 48  | UHD-XDPE152XX-QN48AV2 |
| INFINEON | MPU/MCU     | XDPE192C3A        | QFN(6x6mm)              | 48  | UHD-XDPE152XX-QN48BV2 |
| INFINEON | MPU/MCU     | XDPE192C3A        | QFN(6x6mm)              | 48  | UHD-XDPE152XX-QN48V2  |
| INFINEON | MPU/MCU     | XDPE192C3B        | QFN(6x6mm)              | 48  | UHD-XDPE152XX-QN48AV2 |
| INFINEON | MPU/MCU     | XDPE192C3B        | QFN(6x6mm)              | 48  | UHD-XDPE152XX-QN48BV2 |
| INFINEON | MPU/MCU     | XDPE192C3B        | QFN(6x6mm)              | 48  | UHD-XDPE152XX-QN48V2  |
| INFINEON | MPU/MCU     | XDPE192C3C        | QFN(6x6mm)              | 48  | UHD-XDPE152XX-QN48AV2 |
| INFINEON | MPU/MCU     | XDPE192C3C        | QFN(6x6mm)              | 48  | UHD-XDPE152XX-QN48BV2 |
| INFINEON | MPU/MCU     | XDPE192C3C        | QFN(6x6mm)              | 48  | UHD-XDPE152XX-QN48V2  |
| INFINEON | MPU/MCU     | XDPE192C4B        | QFN(6x6mm)              | 48  | UHD-XDPE152XX-QN48AV2 |
| INFINEON | MPU/MCU     | XDPE192C4B        | QFN(6x6mm)              | 48  | UHD-XDPE152XX-QN48BV2 |
| INFINEON | MPU/MCU     | XDPE192C4B        | QFN(6x6mm)              | 48  | UHD-XDPE152XX-QN48V2  |
| INFINEON | MPU/MCU     | XDPE192C4C        | QFN(6x6mm)              | 48  | UHD-XDPE152XX-QN48AV2 |
| INFINEON | MPU/MCU     | XDPE192C4C        | QFN(6x6mm)              | 48  | UHD-XDPE152XX-QN48BV2 |
| INFINEON | MPU/MCU     | XDPE192C4C        | QFN(6x6mm)              | 48  | UHD-XDPE152XX-QN48V2  |
| INFINEON | MPU/MCU     | XDPE1A2G5B        | QFN(7x7mm)              | 56  | UHD-XDPE1A2G5-QN56    |
| INFINEON | MPU/MCU     | XDPE1A2G7B        | QFN(7x7mm)              | 56  | UHD-XDPE1A2G5-QN56    |
| INFINEON | MPU/MCU     | XMC1402-Q040X0128 | VQFN(5x5mm)             | 40  | UHD-XMC14XX-QN40      |
| INFINEON | MPU/MCU     | XMC4200-F64x256   | TQFP(10x10mm)           | 64  | UHD-XMC42XX-QF64      |
| IR       | MPU/MCU     | IR35201           | QFN(7x7mm)              | 56  | UHD-IR35201-QN56      |
| IR       | MPU/MCU     | IR35204           | QFN(5x5mm)              | 40  | UHD-IR35204-QN40      |
| IR       | MPU/MCU     | IR35212           | QFN(6x6mm)              | 48  | UHD-IR35212-QN48      |
| IR       | MPU/MCU     | IR35215           | QFN(5x5mm)              | 40  | UHD-IR35215-QN40      |
| IR       | MPU/MCU     | IR35217           | QFN(7x7mm)              | 56  | UHD-IR35201-QN56      |
| IR       | MPU/MCU     | IR3570B           | QFN(5x5mm)              | 40  | HD-IR35XX/O-QN40      |
| IR       | MPU/MCU     | IR3580            | QFN(6x6mm)              | 48  | UHD-IR3563-QN48       |
| IR       | MPU/MCU     | IR3584            | QFN(5x5mm)              | 40  | HD-IR35XX/O-QN40      |
| IR       | MPU/MCU     | IR38165           | QFN(7x5mm)              | 26  | UHD-IR38165-QN26      |
| ISSI     | Serial PROM | IS25LP016D-JBxx   | SOP(5.3mm)              | 8   | UHD-SEEP-SO8A         |
| ISSI     | Serial PROM | IS25LP016D-JNxx   | SOP(3.9mm)              | 8   | UHD-SEEP-SO8          |
| ISSI     | Serial PROM | IS25LP064A-JHxxx  | BGA(8x6mm,5x5-1 ball)   | 24  | UHD-SEEP-BG24A        |
| ISSI     | Serial PROM | IS25LP512MG-RMxx  | SOP(7.5mm)              | 16  | UHD-SEEP-SO16         |
| ISSI     | Serial PROM | IS25WP016D-JNxx   | SOP(3.9mm)              | 8   | UHD-SEEP-SO8          |
| ISSI     | Serial PROM | IS25WP080D-JNxx   | SOP(3.9mm)              | 8   | UHD-SEEP-SO8          |
| ISSI     | Serial PROM | IS25WP080D-JUxx   | USON(2x3mm)             | 8   | UHD-SEEP-SN8A3        |
| ISSI     | Serial PROM | IS25WP256D-RHxxx  | TFBGA(8x6mm,5x5-1 ball) | 24  | UHD-SEEP-BG24A        |
| ISSI     | Serial PROM | IS25WP256D-RMxx   | SOP(7.5mm)              | 16  | UHD-SEEP-SO16         |
| ISSI     | NAND FLASH  | IS34ML01G081-Bxx  | VFBGA(11x9mm)           | 63  | UHD-NAND-BG63A        |
| ISSI     | NAND FLASH  | IS34ML02G084-Txx  | TSOP(12x20mm)           | 48  | UHD-NAND-TS48V2       |
| ISSI     | NAND FLASH  | IS34ML04G084-Txx  | TSOP(12x20mm)           | 48  | UHD-NAND-TS48V2       |
| ISSI     | NAND FLASH  | IS34ML04G088-Txx  | TSOP(12x20mm)           | 48  | UHD-NAND-TS48V2       |
| ISSI     | NAND FLASH  | IS34ML08G088-Bxx  | VFBGA(11x9mm)           | 63  | UHD-NAND-BG63A        |
| ISSI     | NAND FLASH  | IS34ML08G088-Txx  | TSOP(12x20mm)           | 48  | UHD-NAND-TS48V2       |
| ISSI     | NAND FLASH  | IS34MW08G088-Bxx  | VFBGA(11x9mm)           | 63  | UHD-NAND-BG63A        |
| ISSI     | NAND FLASH  | IS34MW08G088-Txx  | TSOP(12x20mm)           | 48  | UHD-NAND-TS48V2       |
| ITE      | MPU/MCU     | IT6350E-128/CX    | LQFP(7x7mm)             | 48  | HD-IT8350E/O-QF48     |
| ITE      | MPU/MCU     | IT81202VG-1024/BX | VFBGA(7x7mm)            | 128 | UHD-IT81202-BG128     |
| ITE      | MPU/MCU     | IT8176FN-56       | QFN(6x6mm)              | 48  | UHD-IT8176-QN48       |
| ITE      | MPU/MCU     | IT8232FN-56       | QFN(4x4mm)              | 32  | UHD-IT8232-QN32       |
| ITE      | MPU/MCU     | IT8233FN-56       | QFN(5x5mm)              | 40  | UHD-IT8233-QN40       |
| ITE      | MPU/MCU     | IT8236FN-248      | QFN(6x6mm)              | 48  | UHD-IT8237-QN48       |
| ITE      | MPU/MCU     | IT8237FN-120      | QFN(6x6mm)              | 48  | UHD-IT8237-QN48       |
| ITE      | MPU/MCU     | IT8295FN-120      | QFN(6x6mm)              | 48  | UHD-IT8295-QN48       |
| ITE      | MPU/MCU     | IT8295FN-56       | QFN(6x6mm)              | 48  | UHD-IT8295-QN48       |
| ITE      | MPU/MCU     | IT8320VG-512/DX   | BGA(8x8mm)              | 144 | UHD-IT8320-BG144      |

| MFR       | GROUP       | IC                     | PACKAGE        | PIN | Adapter              |
|-----------|-------------|------------------------|----------------|-----|----------------------|
| ITE       | MPU/MCU     | IT8353VG-256/BX        | BGA(3x3mm)     | 25  | UHD-IT8353VG-BG25    |
| JSC       | NAND FLASH  | JS27HU4G08SDDA         | FBGA(11x9mm)   | 63  | UHD-NAND-BG63A       |
| KINGSTON  | eMMC/eMCP   | EMMC04G-MK27-A01       | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153       |
| KINGSTON  | eMMC/eMCP   | EMMC04G-MT32-GA01      | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153       |
| KINGSTON  | eMMC/eMCP   | EMMC08G-ML36-01B00     | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153       |
| KINGSTON  | eMMC/eMCP   | EMMC08G-MV36-GA02      | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153       |
| KINGSTON  | eMMC/eMCP   | EMMC128-TX29-8AC01     | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153       |
| KINGSTON  | eMMC/eMCP   | EMMC128-TY29-5B101     | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153       |
| KINGSTON  | eMMC/eMCP   | EMMC128-TY29-GA5B      | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153       |
| KINGSTON  | eMMC/eMCP   | EMMC16G-TB28-A20       | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153       |
| KINGSTON  | eMMC/eMCP   | EMMC256-TY29           | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153       |
| KINGSTON  | eMMC/eMCP   | EMMC256-TY29-5B101     | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153       |
| KINGSTON  | eMMC/eMCP   | EMMC64G-TY29-GA5B      | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153       |
| KINGSTON  | UFS         | UFS128-CY14-PA02       | BGA(13x11mm)   | 153 | UHD-UFS-BG153B       |
| KINGSTON  | UFS         | UFS128-CY14-PA03-DL    | BGA(13x11mm)   | 153 | UHD-UFS-BG153B       |
| KINGSTON  | UFS         | UFS128-CY14-PA5B-DL    | BGA(13x11mm)   | 153 | UHD-UFS-BG153B       |
| KINGSTON  | UFS         | UFS256-CY14-PA02       | BGA(13x11mm)   | 153 | UHD-UFS-BG153B       |
| KINGSTON  | UFS         | UFS256-CY14-PA03       | BGA(13x11mm)   | 153 | UHD-UFS-BG153B       |
| KINGSTON  | UFS         | UFS256-CY14-PA20       | BGA(13x11mm)   | 153 | UHD-UFS-BG153B       |
| KINGSTON  | UFS         | UFS32G-TD13            | BGA(13x11.5mm) | 153 | UHD-UFS-BG153        |
| KINGSTON  | UFS         | UFS64-CY14-PA02        | BGA(13x11mm)   | 153 | UHD-UFS-BG153B       |
| KIOXIA    | NAND FLASH  | TC58BVG0S3HBAI4        | TFBGA(11x9mm)  | 63  | UHD-NAND-BG63A       |
| KIOXIA    | NAND FLASH  | TC58CVG0S3HRAI(disECC) | WSON(6x8mm)    | 8   | UHD-SEEP-SN8C        |
| KIOXIA    | NAND FLASH  | TC58CVG0S3HRAI(enECC)  | WSON(6x8mm)    | 8   | UHD-SEEP-SN8C        |
| KIOXIA    | NAND FLASH  | TC58CYG0S3HRAI(disECC) | WSON(6x8mm)    | 8   | UHD-SEEP-SN8C        |
| KIOXIA    | NAND FLASH  | TC58CYG0S3HRAI(enECC)  | WSON(6x8mm)    | 8   | UHD-SEEP-SN8C        |
| KIOXIA    | NAND FLASH  | TC58DVM82A1FT00        | TSOP(12x20mm)  | 48  | UHD-NAND-TS48V2      |
| KIOXIA    | NAND FLASH  | TC58NYG0S3HBAI4        | TFBGA(11x9mm)  | 63  | UHD-NAND-BG63A       |
| KIOXIA    | NAND FLASH  | TH58BVG350HTA00        | TSOP(12x20mm)  | 48  | UHD-NAND-TS48V2      |
| KIOXIA    | eMMC/eMCP   | THGAMST0T25BAIL        | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153       |
| KIOXIA    | eMMC/eMCP   | THGAMVG7T13BAIL        | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153       |
| KIOXIA    | eMMC/eMCP   | THGBMJG6C1LBAU7        | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153       |
| KIOXIA    | eMMC/eMCP   | THGBMJG7C2LBAU8        | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153       |
| KIOXIA    | eMMC/eMCP   | THGBMJG8C4LBA8         | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153       |
| KIOXIA    | eMMC/eMCP   | THGBMTG5D1LBAIL        | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153       |
| KIOXIA    | eMMC/eMCP   | THGBMUG6C1LBAIL        | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153       |
| KIOXIA    | UFS         | THGAFBT0T43BAB8        | BGA(13x11.5mm) | 153 | UHD-UFS-BG153        |
| KIOXIA    | UFS         | THGJFAT0T44BAIL        | BGA(13x11.5mm) | 153 | UHD-UFS-BG153        |
| KIOXIA    | UFS         | THGJFAT1T84BAIR        | BGA(13x11.5mm) | 153 | UHD-UFS-BG153        |
| KIOXIA    | UFS         | THGJFAT2T84BAIR        | BGA(13x11.5mm) | 153 | UHD-UFS-BG153        |
| KIOXIA    | UFS         | THGJFCT1T84BAIC        | BGA(13x11.5mm) | 153 | UHD-UFS-BG153        |
| KIOXIA    | UFS         | THGJFGT0T25BAB8        | BGA(13x11.5mm) | 153 | UHD-UFS-BG153        |
| KIOXIA    | UFS         | THGJFGT1E45BAIP        | BGA(13x11mm)   | 153 | UHD-UFS-BG153B       |
| KIOXIA    | UFS         | THGJFGT1T45BAB8        | BGA(13x11.5mm) | 153 | UHD-UFS-BG153        |
| KIOXIA    | UFS         | THGJFGT2T85BAIR        | BGA(13x11.5mm) | 153 | UHD-UFS-BG153        |
| KIOXIA    | UFS         | THGJFGT2T85BAIU        | BGA(13x11mm)   | 153 | UHD-UFS-BG153B       |
| KIOXIA    | UFS         | THGJFHT0T44BAIL        | BGA(13x11.5mm) | 153 | UHD-UFS-BG153        |
| KIOXIA    | UFS         | THGJFHT3T84BAIG        | BGA(13x11.5mm) | 153 | UHD-UFS-BG153D       |
| KIOXIA    | UFS         | THGJFLT1E45BATPB       | BGA(13x11mm)   | 153 | UHD-UFS-BG153B       |
| KONSEMI   | eMMC/eMCP   | KS81AA80               | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153       |
| KOWIN     | eMMC/eMCP   | KASH6311               | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153       |
| KOWIN     | eMMC/eMCP   | KASJ7311               | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153       |
| KOWIN     | eMMC/eMCP   | KASJ8311               | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153       |
| LATTICE   | MPU/MCU     | L-ASC10-1SG48I         | QFN(7x7mm)     | 48  | UHD-LASC10-QN48      |
| LATTICE   | PLD         | LPTM21-1AFTG237x       | BGA(17x17mm)   | 237 | UHD-LPTM21-BG237     |
| LATTICE   | PLD         | LPTM21L-1ABG100x       | BGA(10x10mm)   | 100 | UHD-LPTM21-BG100     |
| LUMISSIL  | MPU/MCU     | IS32CS8973A            | TSSOP(4.4mm)   | 24  | UHD-IS32CS8973-TSS24 |
| LUMISSIL  | MPU/MCU     | IS32CS8974             | QFN(4x4mm)     | 24  | UHD-IS32CS8974-QN24  |
| LUMISSIL  | MPU/MCU     | IS32LT3183A            | SOP(3.9mm)     | 8   | UHD-IS32LT3183-S08   |
| MAXIM     | MPU/MCU     | MAX25221               | QFN(5x5mm)     | 32  | UHD-MAX25XXX-QN32    |
| MAXIM     | MPU/MCU     | MAX34440ETLxx+x        | TQFN(6x6mm)    | 40  | UHD-MAX34440-QN40    |
| MAXIM     | MPU/MCU     | MAX34451ETNAX+         | TQFN(7x7mm)    | 56  | UHD-MAX34451-QN56    |
| MAXIM     | MPU/MCU     | MAX34451ETNAX+         | TQFN(7x7mm)    | 56  | UHD-MAX34451-QN56A   |
| MAXIM     | MPU/MCU     | MAX34451ETNAX+         | TQFN(7x7mm)    | 56  | UHD-MAX34451-QN56B   |
| MAXIM     | MPU/MCU     | MAX34452ETN+           | TQFN(7x7mm)    | 56  | UHD-MAX34451-QN56    |
| MAXIM     | MPU/MCU     | MAX34452ETN+           | TQFN(7x7mm)    | 56  | UHD-MAX34451-QN56A   |
| MAXIM     | MPU/MCU     | MAX34452ETN+           | TQFN(7x7mm)    | 56  | UHD-MAX34451-QN56B   |
| MAXIM     | MPU/MCU     | MAX34461ETM+           | TQFN(6x6mm)    | 48  | UHD-MAX34461-QN48    |
| MAXIM     | MPU/MCU     | MAX34463EXQAX+         | CSBGA(11x11mm) | 100 | UHD-MAX34463-BG100   |
| MICROCHIP | Serial PROM | 24AA02-x/SN            | SOP(3.9mm)     | 8   | UHD-SEEP-S08         |
| MICROCHIP | Serial PROM | 24AA02-x/ST            | TSSOP(4.4mm)   | 8   | UHD-SEEP-SS8         |
| MICROCHIP | Serial PROM | 24AA1025-x/SN          | SOP(3.9mm)     | 8   | UHD-SEEP-S08         |
| MICROCHIP | Serial PROM | 24AA128x-x/SN          | SOP(3.9mm)     | 8   | UHD-SEEP-S08         |
| MICROCHIP | Serial PROM | 24FC1025-x/SN          | SOP(3.9mm)     | 8   | UHD-SEEP-S08         |
| MICROCHIP | Serial PROM | 24FC64T-x/SN           | SOP(3.9mm)     | 8   | UHD-SEEP-S08         |
| MICROCHIP | Serial PROM | 24LC02B-x/SN           | SOP(3.9mm)     | 8   | UHD-SEEP-S08         |
| MICROCHIP | Serial PROM | 24LC04Bx-x/SN          | SOP(3.9mm)     | 8   | UHD-SEEP-S08         |
| MICROCHIP | Serial PROM | 24LC1026-x/SN          | SOP(3.9mm)     | 8   | UHD-SEEP-S08         |
| MICROCHIP | Serial PROM | 24LC128x-x/SN          | SOP(3.9mm)     | 8   | UHD-SEEP-S08         |
| MICROCHIP | Serial PROM | AT24CM01-Xxx-x         | TSSOP(4.4mm)   | 8   | UHD-SEEP-SS8         |
| MICROCHIP | MPU/MCU     | ATMEGA8A               | TQFP(7x7mm)    | 32  | UHD-AVR-QF32V2       |
| MICROCHIP | MPU/MCU     | ATSAM4S2Bx-Mx          | QFN(9x9mm)     | 64  | UHD-SAM4N-QN64       |
| MICROCHIP | MPU/MCU     | ATSAMC21N17A-Axx       | TQFP(14x14mm)  | 100 | UHD-SAMC21N-QF100    |
| MICROCHIP | MPU/MCU     | ATSAMD09D14A-Mxx       | QFN(4x4mm)     | 24  | UHD-SAMD09D-QN24     |
| MICROCHIP | MPU/MCU     | ATSAMD20E14B-Mxx       | VQFN(5x5mm)    | 32  | HD-SAMD20E/O-QN32    |

| MFR       | GROUP   | IC                        | PACKAGE         | PIN | Adapter            |
|-----------|---------|---------------------------|-----------------|-----|--------------------|
| MICROCHIP | MPU/MCU | ATSAMD21G16B-Axx          | TQFP(7x7mm)     | 48  | UHD-SAMC21G-QF48   |
| MICROCHIP | MPU/MCU | ATSAMD21G18A-Mxx          | VQFN(7x7mm)     | 48  | UHD-SAMD21G-QN48   |
| MICROCHIP | MPU/MCU | ATSAMD51J20A-Mxx          | VQFN(9x9mm)     | 64  | UHD-SAMD51J-QN64   |
| MICROCHIP | MPU/MCU | ATSAMS70N21B-Cx           | TFBGA(9x9mm)    | 100 | UHD-SAME70N-BG100  |
| MICROCHIP | MPU/MCU | ATSAMS70N21B-Cx           | TFBGA(9x9mm)    | 100 | UHD-SAME70N-BG100A |
| MICROCHIP | MPU/MCU | BM83SM1                   | MODULE(32x15mm) | 50  | UHD-BM83SM1-MO50   |
| MICROCHIP | MPU/MCU | dsPIC30F3011-x/PT         | TQFP(10x10mm)   | 44  | UHD-PIC30F-TQ44    |
| MICROCHIP | MPU/MCU | dsPIC30F3014-x/PT         | TQFP(10x10mm)   | 44  | UHD-PIC30F-TQ44    |
| MICROCHIP | MPU/MCU | dsPIC30F4013-x/PT         | TQFP(10x10mm)   | 44  | UHD-PIC30F-TQ44    |
| MICROCHIP | MPU/MCU | dsPIC30F6015-x/PT         | TQFP(10x10mm)   | 64  | UHD-PIC30F-TQ64    |
| MICROCHIP | MPU/MCU | dsPIC33CH128MP206-x/PT    | TQFP(10x10mm)   | 64  | UHD-PIC33CK-TQ64   |
| MICROCHIP | MPU/MCU | dsPIC33CH256MP506-x/PT(D) | TQFP(10x10mm)   | 64  | UHD-PIC33CK-TQ64   |
| MICROCHIP | MPU/MCU | dsPIC33CH256MP508-x/PT(D) | TQFP(12x12mm)   | 80  | UHD-PIC33CK-TQ80   |
| MICROCHIP | MPU/MCU | dsPIC33CH64MP502-x/SS     | SSOP(5.3mm)     | 28  | UHD-PIC33CK-SS28   |
| MICROCHIP | MPU/MCU | dsPIC33CK32MC105-x/PT     | TQFP(7x7mm)     | 48  | UHD-PIC33CK-TQ48   |
| MICROCHIP | MPU/MCU | dsPIC33CK64MP102-x/M6     | QFN(4x4mm)      | 28  | UHD-PIC33CK-QN28   |
| MICROCHIP | MPU/MCU | dsPIC33CK64MP208-x/PT(S)  | TQFP(12x12mm)   | 80  | UHD-PIC33CK-TQ80   |
| MICROCHIP | MPU/MCU | dsPIC33CK64MP506-x/PT(S)  | TQFP(10x10mm)   | 64  | UHD-PIC33CK-TQ64   |
| MICROCHIP | MPU/MCU | dsPIC33EP128GS706-x/PT(D) | TQFP(10x10mm)   | 64  | UHD-PIC33EP2-TQ64  |
| MICROCHIP | MPU/MCU | dsPIC33EP128GS706-x/PT(S) | TQFP(10x10mm)   | 64  | UHD-PIC33EP2-TQ64  |
| MICROCHIP | MPU/MCU | dsPIC33EP128GS708-x/PT(D) | TQFP(12x12mm)   | 80  | UHD-PIC33EP-TQ80   |
| MICROCHIP | MPU/MCU | dsPIC33EP128GS708-x/PT(S) | TQFP(12x12mm)   | 80  | UHD-PIC33EP-TQ80   |
| MICROCHIP | MPU/MCU | dsPIC33EP128GS808-x/PT(D) | TQFP(12x12mm)   | 80  | UHD-PIC33EP-TQ80   |
| MICROCHIP | MPU/MCU | dsPIC33EP128GS808-x/PT(S) | TQFP(12x12mm)   | 80  | UHD-PIC33EP-TQ80   |
| MICROCHIP | MPU/MCU | dsPIC33EP16GS502-x/MM(S)  | QFN(6x6mm)      | 28  | UHD-PIC33FJ-QN28A  |
| MICROCHIP | MPU/MCU | dsPIC33EP32GP502-I/SS     | SSOP(5.3mm)     | 28  | HD-PIC24FJ/O-SS28  |
| MICROCHIP | MPU/MCU | dsPIC33EP32GP502-x/MM     | QFN(6x6mm)      | 28  | UHD-PIC33FJ-QN28   |
| MICROCHIP | MPU/MCU | dsPIC33EP32GS502-x/MM(S)  | QFN(6x6mm)      | 28  | UHD-PIC33FJ-QN28   |
| MICROCHIP | MPU/MCU | dsPIC33EP512MU810-x/PF    | TQFP(14x14mm)   | 100 | HD-PIC33FJ/O-TQ100 |
| MICROCHIP | MPU/MCU | dsPIC33EP64GS402-x/MM(D)  | QFN(6x6mm)      | 28  | UHD-PIC33FJ-QN28   |
| MICROCHIP | MPU/MCU | dsPIC33EP64GS402-x/MM(S)  | QFN(6x6mm)      | 28  | UHD-PIC33FJ-QN28   |
| MICROCHIP | MPU/MCU | dsPIC33EP64GS502-x/MM(D)  | QFN(6x6mm)      | 28  | UHD-PIC33FJ-QN28   |
| MICROCHIP | MPU/MCU | dsPIC33EP64GS502-x/MM(S)  | QFN(6x6mm)      | 28  | UHD-PIC33FJ-QN28   |
| MICROCHIP | MPU/MCU | dsPIC33EP64GS504-x/ML(D)  | QFN(8x8mm)      | 44  | UHD-PIC33EP-QN44   |
| MICROCHIP | MPU/MCU | dsPIC33EP64GS504-x/ML(S)  | QFN(8x8mm)      | 44  | UHD-PIC33EP-QN44   |
| MICROCHIP | MPU/MCU | dsPIC33EP64GS506-x/PT(S)  | TQFP(10x10mm)   | 64  | UHD-PIC33EP-TQ64   |
| MICROCHIP | MPU/MCU | dsPIC33EV128GM004-x/PT    | TQFP(10x10mm)   | 44  | UHD-PIC33EV-TQ44   |
| MICROCHIP | MPU/MCU | dsPIC33EV256GM004-x/PT    | TQFP(10x10mm)   | 44  | UHD-PIC33EV-TQ44   |
| MICROCHIP | MPU/MCU | dsPIC33EV64GM004-x/PT     | TQFP(10x10mm)   | 44  | UHD-PIC33EV-TQ44   |
| MICROCHIP | MPU/MCU | dsPIC33FJ128GP204-x/ML    | QFN(8x8mm)      | 44  | UHD-PIC33FJ-QN44   |
| MICROCHIP | MPU/MCU | dsPIC33FJ16GS504-x/PT     | TQFP(10x10mm)   | 44  | UHD-PIC33FJ-TQ44   |
| MICROCHIP | MPU/MCU | dsPIC33FJ256GP506-x/PT    | TQFP(10x10mm)   | 64  | UHD-PIC33FJ-TQ64   |
| MICROCHIP | MPU/MCU | dsPIC33FJ64GS606-x/PT     | TQFP(10x10mm)   | 64  | UHD-PIC33FJ-TQ64   |
| MICROCHIP | MPU/MCU | EEC1005-x/WC              | BGA(10x10mm)    | 144 | UHD-EEC1005-BG144  |
| MICROCHIP | MPU/MCU | EEC1727-x/2GW             | BGA(6x6mm)      | 68  | UHD-EEC1727-BG68   |
| MICROCHIP | MPU/MCU | MEC1727N-xx-x/SZ          | BGA(9x9mm)      | 144 | UHD-MEC1727-BG144  |
| MICROCHIP | MPU/MCU | PIC10F200-x/OT            | SOT23(1.63mm)   | 6   | UHD-PICS-OT6A      |
| MICROCHIP | MPU/MCU | PIC12F1501-x/MS           | MSOP(3mm)       | 8   | UHD-PICS-MS8A      |
| MICROCHIP | MPU/MCU | PIC12F1501-x/SN           | SOP(3.9mm)      | 8   | UHD-PICS-SO8       |
| MICROCHIP | MPU/MCU | PIC12F1571-x/P            | DIP             | 8   | UHD-PICS-DP8       |
| MICROCHIP | MPU/MCU | PIC12F1840-x/MF           | DFN(3x3mm)      | 8   | UHD-PICS-DN8B      |
| MICROCHIP | MPU/MCU | PIC12F1840-x/SN           | SOP(3.9mm)      | 8   | UHD-PICS-SO8       |
| MICROCHIP | MPU/MCU | PIC12F615-x/MF            | DFN(3x3mm)      | 8   | UHD-PICS-DN8B      |
| MICROCHIP | MPU/MCU | PIC12F615-x/P             | DIP             | 8   | UHD-PICS-DP8       |
| MICROCHIP | MPU/MCU | PIC12F675-x/MD            | DFN(4x4mm)      | 8   | HD-PICS-DN8        |
| MICROCHIP | MPU/MCU | PIC12LF1840-x/MF          | DFN(3x3mm)      | 8   | UHD-PICS-DN8B      |
| MICROCHIP | MPU/MCU | PIC16F1459-x/GZ           | UQFN(4x4mm)     | 20  | UHD-PICS-QN20A     |
| MICROCHIP | MPU/MCU | PIC16F1503-x/SL           | SOP(3.9mm)      | 14  | UHD-PICS-SO14      |
| MICROCHIP | MPU/MCU | PIC16F1503-x/ST           | TSSOP(4.4mm)    | 14  | UHD-PICS-TSS14     |
| MICROCHIP | MPU/MCU | PIC16F15223-x/MG          | QFN(3x3mm)      | 16  | UHD-PICS-QN16      |
| MICROCHIP | MPU/MCU | PIC16F15245-x/REB         | VQFN(3x3mm)     | 20  | UHD-PICS-QN20C     |
| MICROCHIP | MPU/MCU | PIC16F15256-x/SS          | SSOP(5.3mm)     | 28  | UHD-PICS-SS28      |
| MICROCHIP | MPU/MCU | PIC16F1526-x/PT           | TQFP(10x10mm)   | 64  | UHD-PICS-TQ64      |
| MICROCHIP | MPU/MCU | PIC16F1527-x/PT           | TQFP(10x10mm)   | 64  | UHD-PICS-TQ64      |
| MICROCHIP | MPU/MCU | PIC16F15325-x/SL          | SOP(3.9mm)      | 14  | UHD-PICS-SO14      |
| MICROCHIP | MPU/MCU | PIC16F15344-x/SS          | SSOP(5.3mm)     | 20  | UHD-PICSA-SS20     |
| MICROCHIP | MPU/MCU | PIC16F15355-x/SS          | SSOP(5.3mm)     | 28  | UHD-PICS-SS28      |
| MICROCHIP | MPU/MCU | PIC16F15356-x/MV          | UQFN(4x4mm)     | 28  | UHD-PICS-QN28A     |
| MICROCHIP | MPU/MCU | PIC16F15386-x/MV          | UQFN(6x6mm)     | 48  | UHD-PICS-QN48      |
| MICROCHIP | MPU/MCU | PIC16F1619-x/SS           | SSOP(5.3mm)     | 20  | UHD-PICSA-SS20     |
| MICROCHIP | MPU/MCU | PIC16F1718-x/SS           | SSOP(5.3mm)     | 28  | UHD-PICS-SS28      |
| MICROCHIP | MPU/MCU | PIC16F1823-x/ML           | QFN(4x4mm)      | 16  | UHD-PICS-QN16A     |
| MICROCHIP | MPU/MCU | PIC16F1824-x/ML           | QFN(4x4mm)      | 16  | UHD-PICS-QN16A     |
| MICROCHIP | MPU/MCU | PIC16F1825-x/ML           | QFN(4x4mm)      | 16  | UHD-PICS-QN16A     |
| MICROCHIP | MPU/MCU | PIC16F18325-x/JQ          | QFN(4x4mm)      | 16  | UHD-PICS-QN16B     |
| MICROCHIP | MPU/MCU | PIC16F18326-x/JQ          | UQFN(4x4mm)     | 16  | UHD-PICS-QN16B     |
| MICROCHIP | MPU/MCU | PIC16F18345-x/GZ          | UQFN(4x4mm)     | 20  | UHD-PICS-QN20A     |
| MICROCHIP | MPU/MCU | PIC16F18345-x/SS          | SSOP(5.3mm)     | 20  | UHD-PICSA-SS20     |
| MICROCHIP | MPU/MCU | PIC16F18346-x/GZ          | UQFN(4x4mm)     | 20  | UHD-PICS-QN20A     |
| MICROCHIP | MPU/MCU | PIC16F18855-x/MV          | UQFN(4x4mm)     | 28  | UHD-PICS-QN28A     |
| MICROCHIP | MPU/MCU | PIC16F18856-x/MV          | UQFN(4x4mm)     | 28  | UHD-PICS-QN28A     |
| MICROCHIP | MPU/MCU | PIC16F18857-x/ML          | QFN(6x6mm)      | 28  | UHD-PICS-QN28      |
| MICROCHIP | MPU/MCU | PIC16F18875-x/MV          | UQFN(5x5mm)     | 40  | UHD-PICS-QN40      |
| MICROCHIP | MPU/MCU | PIC16F18877-x/ML          | QFN(8x8mm)      | 44  | UHD-PICS-QN44      |
| MICROCHIP | MPU/MCU | PIC16F18877-x/MV          | QFN(5x5mm)      | 40  | UHD-PICS-QN40      |

| MFR       | GROUP          | IC                       | PACKAGE               | PIN | Adapter               |
|-----------|----------------|--------------------------|-----------------------|-----|-----------------------|
| MICROCHIP | MPU/MCU        | PIC16F19195-x/PT         | TQFP(10x10mm)         | 64  | UHD-PICS18F6XK40-TQ64 |
| MICROCHIP | MPU/MCU        | PIC16F19197-x/PT         | TQFP(10x10mm)         | 64  | UHD-PICS18F6XK40-TQ64 |
| MICROCHIP | MPU/MCU        | PIC16F1934-x/PT          | TQFP(10x10mm)         | 44  | UHD-PICS-TQ44A        |
| MICROCHIP | MPU/MCU        | PIC16F1936-x/MV          | UQFN(4x4mm)           | 28  | UHD-PICS-QN28A        |
| MICROCHIP | MPU/MCU        | PIC16F1936-x/SS          | SSOP(5.3mm)           | 28  | UHD-PICS-SS28         |
| MICROCHIP | MPU/MCU        | PIC16F1938-x/SS          | SSOP(5.3mm)           | 28  | UHD-PICS-SS28         |
| MICROCHIP | MPU/MCU        | PIC16F721-x/ML           | UQFN(4x4mm)           | 20  | UHD-PICS-QN20         |
| MICROCHIP | MPU/MCU        | PIC16F747-x/PT           | TQFP(10x10mm)         | 44  | UHD-PICS-TQ44A        |
| MICROCHIP | MPU/MCU        | PIC16F777-x/PT           | TQFP(10x10mm)         | 44  | UHD-PICS-TQ44A        |
| MICROCHIP | MPU/MCU        | PIC16F874-x/PT           | TQFP(10x10mm)         | 44  | UHD-PICS-TQ44A        |
| MICROCHIP | MPU/MCU        | PIC16F886-x/ML           | QFN(6x6mm)            | 28  | UHD-PICS-QN28         |
| MICROCHIP | MPU/MCU        | PIC16F886-x/SS           | SSOP(5.3mm)           | 28  | UHD-PICS-SS28         |
| MICROCHIP | MPU/MCU        | PIC16F887-x/PT           | TQFP(10x10mm)         | 44  | UHD-PICS-TQ44A        |
| MICROCHIP | MPU/MCU        | PIC16LF1454-x/JQ         | UQFN(4x4mm)           | 16  | UHD-PICS-QN16B        |
| MICROCHIP | MPU/MCU        | PIC16LF1459-x/GZ         | UQFN(4x4mm)           | 20  | UHD-PICS-QN20A        |
| MICROCHIP | MPU/MCU        | PIC16LF1503-x/MG         | QFN(3x3mm)            | 16  | UHD-PICS-QN16         |
| MICROCHIP | MPU/MCU        | PIC16LF1508-x/ML         | QFN(4x4mm)            | 20  | UHD-PICS-QN20D        |
| MICROCHIP | MPU/MCU        | PIC16LF15385-x/MV        | UQFN(6x6mm)           | 48  | UHD-PICS-QN48         |
| MICROCHIP | MPU/MCU        | PIC16LF15386-x/MV        | UQFN(6x6mm)           | 48  | UHD-PICS-QN48         |
| MICROCHIP | MPU/MCU        | PIC16LF1779-x/MV         | UQFN(5x5mm)           | 40  | UHD-PICS-QN40         |
| MICROCHIP | MPU/MCU        | PIC16LF1788-x/SS         | SSOP(5.3mm)           | 28  | UHD-PICS-SS28         |
| MICROCHIP | MPU/MCU        | PIC16LF1823-x/ML         | UQFN(4x4mm)           | 16  | UHD-PICS-QN16A        |
| MICROCHIP | MPU/MCU        | PIC16LF1825-x/ML         | QFN(4x4mm)            | 16  | UHD-PICS-QN16A        |
| MICROCHIP | MPU/MCU        | PIC16LF18323-x/JQ        | UQFN(4x4mm)           | 16  | UHD-PICS-QN16B        |
| MICROCHIP | MPU/MCU        | PIC16LF18326-x/JQ        | UQFN(4x4mm)           | 16  | UHD-PICS-QN16B        |
| MICROCHIP | MPU/MCU        | PIC16LF18346-x/GZ        | UQFN(4x4mm)           | 20  | UHD-PICS-QN20A        |
| MICROCHIP | MPU/MCU        | PIC16LF18877-x/MV        | UQFN(5x5mm)           | 40  | UHD-PICS-QN40         |
| MICROCHIP | MPU/MCU        | PIC16LF1907-x/MV         | UQFN(5x5mm)           | 40  | UHD-PICS-QN40         |
| MICROCHIP | MPU/MCU        | PIC16LF721-x/ML          | UQFN(4x4mm)           | 20  | UHD-PICS-QN20         |
| MICROCHIP | MPU/MCU        | PIC16LF722A-x/SS         | SSOP(5.3mm)           | 28  | UHD-PICS-SS28         |
| MICROCHIP | MPU/MCU        | PIC16LF723A-x/SS         | SSOP(5.3mm)           | 28  | UHD-PICS-SS28         |
| MICROCHIP | MPU/MCU        | PIC16LF747-x/PT          | TQFP(10x10mm)         | 44  | UHD-PICS-TQ44A        |
| MICROCHIP | MPU/MCU        | PIC16LF76-x/SS           | SSOP(5.3mm)           | 28  | UHD-PICS-SS28         |
| MICROCHIP | MPU/MCU        | PIC16LF777-x/PT          | TQFP(10x10mm)         | 44  | UHD-PICS-TQ44A        |
| MICROCHIP | MPU/MCU        | PIC24FJ128GA310-x/PT     | TQFP(12x12mm)         | 100 | HD-PIC24FJ/O-TQ100    |
| MICROCHIP | MPU/MCU        | PIC24FJ128GL405-x/M4(S)  | UQFN(6x6mm)           | 48  | UHD-PIC24FJ-QN48      |
| MICROCHIP | MPU/MCU        | PIC24FJ256GA410-x/PT(D)  | TQFP(12x12mm)         | 100 | HD-PIC24FJ/O-TQ100    |
| MICROCHIP | MPU/MCU        | PIC24FJ256GA410-x/PT(S)  | TQFP(12x12mm)         | 100 | HD-PIC24FJ/O-TQ100    |
| MICROCHIP | MPU/MCU        | PIC24FJ32GA004-x/PT      | TQFP(10x10mm)         | 44  | UHD-PIC33EV-TQ44      |
| MICROCHIP | MPU/MCU        | PIC24FJ64GA705-x/PT      | TQFP(7x7mm)           | 48  | UHD-PIC24FJ-TQ48      |
| MICROCHIP | MPU/MCU        | PIC24FJ64GP202-x/MV      | UQFN(4x4mm)           | 28  | UHD-PIC24FJ-QN28A     |
| MICROCHIP | MPU/MCU        | PIC24HJ128GP504-x/PT     | TQFP(10x10mm)         | 44  | UHD-PIC33EV-TQ44      |
| MICROCHIP | MPU/MCU        | PIC32CX0525SG12084-x/SX  | BGA(7x7mm)            | 84  | UHD-PIC32CX-BG84      |
| MICROCHIP | MPU/MCU        | PIC32CX0525SG12144-x/SZ  | BGA(10x10mm)          | 144 | UHD-PIC32CX-BG144A    |
| MICROCHIP | MPU/MCU        | PIC32CX1025SGx100-x/HJB  | BGA(9x9mm)            | 100 | UHD-PIC32CX-BG100     |
| MICROCHIP | MPU/MCU        | PIC32CX1025SGxx100-x/E5X | TQFP(14x14mm)         | 100 | UHD-PIC32CX-TQ100     |
| MICROCHIP | MPU/MCU        | PIC32MM0128GPM028-x/M6   | UQFN(4x4mm)           | 28  | UHD-PIC32MM-QN28      |
| MICROCHIP | MPU/MCU        | PIC32MX130F064B-x/SS     | SSOP(5.3mm)           | 28  | UHD-PIC32MX-SS28      |
| MICROCHIP | MPU/MCU        | PIC32MX170F256D-x/ML     | QFN(8x8mm)            | 44  | UHD-PIC32MX-QN44      |
| MICROCHIP | MPU/MCU        | PIC32MX170F256D-x/PT     | TQFP(10x10mm)         | 44  | HD-PIC32MX/O-TQ44     |
| MICROCHIP | MPU/MCU        | PIC32MX230F128L-x/PT     | TQFP(12x12mm)         | 100 | UHD-PIC32MX-TQ100     |
| MICROCHIP | MPU/MCU        | PIC32MX270F512H-x/MR     | QFN(9x9mm)            | 64  | HD-PIC32MX/O-QN64     |
| MICROCHIP | MPU/MCU        | PIC32MX675F256H-x/PT     | LQFP(10x10mm)         | 64  | HD-PIC32MX/O-TQ64     |
| MICROCHIP | MPU/MCU        | PIC32MX795F512L-x/PT     | TQFP(12x12mm)         | 100 | UHD-PIC32MX-TQ100     |
| MICROCHIP | MPU/MCU        | PIC32MZ0512EFF064-x/MR   | QFN(9x9mm)            | 64  | UHD-PIC32MZ-QN64      |
| MICROCHIP | MPU/MCU        | PIC32MZ1024EFF064-x/MR   | QFN(9x9mm)            | 64  | UHD-PIC32MZ-QN64      |
| MICROCHIP | MPU/MCU        | PIC32MZ2048EFH064-x/MR   | QFN(9x9mm)            | 64  | UHD-PIC32MZ-QN64      |
| MICROCHIP | Serial PROM    | SST25PF020B-xx-xx-SAE    | SOP(3.9mm)            | 8   | UHD-SEEP-SO8          |
| MICRON    | EEPROM/FLASH/N | JS28F00AM29EWx           | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56A       |
| MICRON    | EEPROM/FLASH/N | JS28F00AM29EWx           | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56C       |
| MICRON    | EEPROM/FLASH/N | JS28F128M29EWx           | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56A       |
| MICRON    | EEPROM/FLASH/N | JS28F128M29EWx           | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56C       |
| MICRON    | EEPROM/FLASH/N | JS28F256M29EWx           | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56A       |
| MICRON    | EEPROM/FLASH/N | JS28F256M29EWx           | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56C       |
| MICRON    | Serial PROM    | M25P16-VMNxxxx           | SOP(3.9mm))           | 8   | UHD-SEEP-SO8          |
| MICRON    | Serial PROM    | M25P16-VMWxxxx           | SOP(5.3mm)            | 8   | UHD-SEEP-SO8A         |
| MICRON    | Serial PROM    | M25P20-VMNxxxx           | SOP(3.9mm)            | 8   | UHD-SEEP-SO8          |
| MICRON    | Serial PROM    | M25P40-VMNxxxx           | SOP(3.9mm)            | 8   | UHD-SEEP-SO8          |
| MICRON    | Serial PROM    | M25PX80-VMNxxx           | SOP(3.9mm))           | 8   | UHD-SEEP-SO8          |
| MICRON    | Serial PROM    | M25PX80-VMWxxx           | SOP(5.3mm)            | 8   | UHD-SEEP-SO8A         |
| MICRON    | EEPROM/FLASH/N | M29W160EBxxNxxx          | TSOP(12x20mm)         | 48  | UHD-FLASH-TS48        |
| MICRON    | Serial PROM    | MT25QL01GBBB1EW9-xxxxxx  | DFN(6x8mm)            | 8   | UHD-SEEP-SN8C         |
| MICRON    | Serial PROM    | MT25QL01GBBB8ESF-xxxxxx  | SOP(7.5mm)            | 16  | UHD-SEEP-SO16         |
| MICRON    | Serial PROM    | MT25QL128ABAxE12-xxxxxx  | BGA(8x6mm,5x5-1 ball) | 24  | UHD-SEEP-BG24A        |
| MICRON    | Serial PROM    | MT25QL128ABAxESE-xxxxxx  | SOP(5.3mm)            | 8   | UHD-SEEP-SO8A         |
| MICRON    | Serial PROM    | MT25QL128ABAxESF-xxxxxx  | SOP(7.5mm)            | 16  | UHD-SEEP-SO16         |
| MICRON    | Serial PROM    | MT25QL128ABAxEW7-xxxxxx  | MLP(5x6mm)            | 8   | UHD-SEEP-SN8B         |
| MICRON    | Serial PROM    | MT25QL128ABAxEW9-xxxxxx  | MLP(6x8mm)            | 8   | UHD-SEEP-SN8C         |
| MICRON    | Serial PROM    | MT25QL512ABB8E12-xxxxxx  | BGA(8x6mm,5x5-1 ball) | 24  | UHD-SEEP-BG24A        |
| MICRON    | Serial PROM    | MT25QU128ABAxESE-xxxxxx  | SOP(5.3mm)            | 8   | UHD-SEEP-SO8A         |
| MICRON    | Serial PROM    | MT25QU256ABAxESF-xxxxxx  | SOP(7.5mm)            | 16  | UHD-SEEP-SO16         |
| MICRON    | Serial PROM    | MT25QU256ABAxEW7-xxxxxx  | MLP(5x6mm)            | 8   | UHD-SEEP-SN8B         |
| MICRON    | Serial PROM    | MT25QU256ABAxEW9-xxxxxx  | MLP(6x8mm)            | 8   | UHD-SEEP-SN8C         |
| MICRON    | NAND FLASH     | MT29F128G08AJAAWP-ITZ:A  | TSOP(12x20mm)         | 48  | UHD-NAND-TS48V2       |
| MICRON    | NAND FLASH     | MT29F16G08ABACAWP-ITZ:C  | TSOP(12x20mm)         | 48  | UHD-NAND-TS48V2       |

| MFR     | GROUP          | IC                             | PACKAGE                | PIN | Adapter            |
|---------|----------------|--------------------------------|------------------------|-----|--------------------|
| MICRON  | NAND FLASH     | MT29F1G08ABADAH4xx             | FBGA(11x9mm)           | 63  | UHD-NAND-BG63A     |
| MICRON  | NAND FLASH     | MT29F1G08ABADAWPxx             | TSOP(12x20mm)          | 48  | UHD-NAND-TS48      |
| MICRON  | NAND FLASH     | MT29F1G08ABAEAH4               | VFBGA(11x9mm)          | 63  | UHD-NAND-BG63A     |
| MICRON  | NAND FLASH     | MT29F1G08ABBD4H4:D             | VFBGA(11x9mm)          | 63  | UHD-NAND-BG63A     |
| MICRON  | NAND FLASH     | MT29F2G01ABAGD12-AAT:G(disECC) | TBGA(8x6mm,5x5-1 ball) | 24  | UHD-SEEP-BG24A     |
| MICRON  | NAND FLASH     | MT29F2G01ABAGD12-AAT:G(enECC)  | TBGA(8x6mm,5x5-1 ball) | 24  | UHD-SEEP-BG24A     |
| MICRON  | NAND FLASH     | MT29F2G01ABBGDWB-IT:G(disECC)  | UPDFN(6x8mm)           | 8   | UHD-SEEP-SN8C      |
| MICRON  | NAND FLASH     | MT29F2G01ABBGDWB-IT:G(enECC)   | UPDFN(6x8mm)           | 8   | UHD-SEEP-SN8C      |
| MICRON  | NAND FLASH     | MT29F2G08ABAEAH4:E             | VFBGA(11x9mm)          | 63  | UHD-NAND-BG63A     |
| MICRON  | NAND FLASH     | MT29F2G08ABAEAWP:E             | TSOP(12x20mm)          | 48  | UHD-NAND-TS48      |
| MICRON  | NAND FLASH     | MT29F2G08ABAEAWP-IT:E          | TSOP(12x20mm)          | 48  | UHD-NAND-TS48      |
| MICRON  | NAND FLASH     | MT29F2G08ABAGAH4-IT:G          | VFBGA(11x9mm)          | 63  | UHD-NAND-BG63A     |
| MICRON  | NAND FLASH     | MT29F2G08ABAGAWP-IT:G          | TSOP(12x20mm)          | 48  | UHD-NAND-TS48V2    |
| MICRON  | NAND FLASH     | MT29F2G08ABBG4H4-IT:G          | BGA(11x9mm)            | 63  | UHD-NAND-BG63A     |
| MICRON  | NAND FLASH     | MT29F32G08ABAAAWP              | TSOP(12x20mm)          | 48  | UHD-NAND-TS48V2    |
| MICRON  | NAND FLASH     | MT29F32G08CBACAWP-Z:C          | TSOP(12x20mm)          | 48  | UHD-NAND-TS48V2    |
| MICRON  | NAND FLASH     | MT29F4G01ABBF4DWB(disECC)      | UPDFN(6x8mm)           | 8   | UHD-SEEP-SN8C      |
| MICRON  | NAND FLASH     | MT29F4G01ABBF4DWB(enECC)       | UPDFN(6x8mm)           | 8   | UHD-SEEP-SN8C      |
| MICRON  | NAND FLASH     | MT29F4G08ABADAH4:D             | FBGA(11x9mm)           | 63  | UHD-NAND-BG63A     |
| MICRON  | NAND FLASH     | MT29F4G08ABADAWPxx             | TSOP(12x20mm)          | 48  | UHD-NAND-TS48      |
| MICRON  | NAND FLASH     | MT29F4G08ABAF4AWP-IT:x         | TSOP(12x20mm)          | 48  | UHD-NAND-TS48V2    |
| MICRON  | NAND FLASH     | MT29F4G08ABBF4H4               | VFBGA(11x9mm)          | 63  | UHD-NAND-BG63A     |
| MICRON  | NAND FLASH     | MT29F8G08ABACAH4-IT:C          | VFBGA(11x9mm)          | 63  | UHD-NAND-BG63A     |
| MICRON  | NAND FLASH     | MT29F8G08ADBD4H4               | VFBGA(11x9mm)          | 63  | UHD-NAND-BG63A     |
| MICRON  | eMMC/eMCP      | MTFC128GASAJQP-AAT             | BGA(13x11.5mm)         | 153 | UHD-EMMC-BG153     |
| MICRON  | eMMC/eMCP      | MTFC128GAZAJQP-IT              | BGA(13x11.5mm)         | 153 | UHD-EMMC-BG153     |
| MICRON  | eMMC/eMCP      | MTFC128GBCAQTC-AAT             | BGA(13x11.5mm)         | 153 | UHD-EMMC-BG153     |
| MICRON  | eMMC/eMCP      | MTFC16GAPALBH-IT               | BGA(13x11.5mm)         | 153 | UHD-EMMC-BG153     |
| MICRON  | eMMC/eMCP      | MTFC256GBCAQTC-AAT             | BGA(13x11.5mm)         | 153 | UHD-EMMC-BG153     |
| MICRON  | eMMC/eMCP      | MTFC256GBCAQTC-IT              | BGA(13x11.5mm)         | 153 | UHD-EMMC-BG153     |
| MICRON  | eMMC/eMCP      | MTFC32GAPALBH-AAT              | BGA(13x11.5mm)         | 153 | UHD-EMMC-BG153     |
| MICRON  | eMMC/eMCP      | MTFC32GASAQHD-AAT              | BGA(13x11.5mm)         | 153 | UHD-EMMC-BG153     |
| MICRON  | eMMC/eMCP      | MTFC32GAZAJQP-AAT              | BGA(13x11.5mm)         | 153 | UHD-EMMC-BG153     |
| MICRON  | eMMC/eMCP      | MTFC4GMWDM-3M-AIT              | BGA(13x11.5mm)         | 153 | UHD-EMMC-BG153     |
| MICRON  | eMMC/eMCP      | MTFC64GASAQHD-AAT              | BGA(13x11.5mm)         | 153 | UHD-EMMC-BG153     |
| MICRON  | eMMC/eMCP      | MTFC64GAZAJQP-AAT              | BGA(13x11.5mm)         | 153 | UHD-EMMC-BG153     |
| MICRON  | Serial PROM    | N25Q032Ax3EF6xxx               | WSOP(5x6mm)            | 8   | UHD-SEEP-SN8B      |
| MICRON  | Serial PROM    | N25Q032Ax3ES6xxx               | SOP(3.9mm)             | 8   | UHD-SEEP-SO8       |
| MICRON  | Serial PROM    | N25Q032Ax3ESExxx               | SOP(5.3mm)             | 8   | UHD-SEEP-SO8A      |
| MICRON  | Serial PROM    | N25Q064Ax3ESExxx               | SOP(5.3mm)             | 8   | UHD-SEEP-SO8A      |
| MICRON  | Serial PROM    | N25Q064Ax3ESFxxx               | SOP(7.5mm)             | 16  | UHD-SEEP-SO16      |
| MICRON  | Serial PROM    | N25Q128Ax1EF7xxx               | WSOP(5x6mm)            | 8   | UHD-SEEP-SN8B      |
| MICRON  | Serial PROM    | N25Q128Ax1ESExxx               | SOP(5.3mm)             | 8   | UHD-SEEP-SO8A      |
| MICRON  | Serial PROM    | N25Q128Ax1ESFxxx               | SOP(7.5mm)             | 16  | UHD-SEEP-SO16      |
| MICRON  | Serial PROM    | N25Q128Ax3ESExxx               | SOP(5.3mm)             | 8   | UHD-SEEP-SO8A      |
| MICRON  | Serial PROM    | N25Q128Ax3ESFxxx               | SOP(7.5mm)             | 16  | UHD-SEEP-SO16      |
| MICRON  | Serial PROM    | N25Q256Ax3ESFxxx               | SOP(7.5mm)             | 16  | UHD-SEEP-SO16      |
| MICRON  | EEPROM/FLASH/N | PC28F256M29EWx                 | BGA(13x11mm)           | 64  | UHD-FLASH-BG64C    |
| MICRON  | UFS            | MT29VZZAD8FQFSL-046 W.G8K      | BGA(13x11.5mm)         | 254 | UHD-UFS-BG254      |
| MICRON  | UFS            | MT29VZZBD9FQKPR-046            | BGA(13x11.5mm)         | 254 | UHD-UFS-BG254      |
| MICRON  | UFS            | MT29VZZCD91SFSM-046 W.18C      | BGA(13x11.5mm)         | 254 | UHD-UFS-BG254      |
| MICRON  | UFS            | MTFC128GAOAMEA-WT              | BGA(13x11.5mm)         | 153 | UHD-UFS-BG153      |
| MICRON  | UFS            | MTFC128GASAOONS-AIT            | BGA(13x11.5mm)         | 153 | UHD-UFS-BG153      |
| MICRON  | UFS            | MTFC128GASAOONS-AxT            | BGA(13x11.5mm)         | 153 | UHD-UFS-BG153      |
| MICRON  | UFS            | MTFC128GAVATTC-AxT             | BGA(13x11.5mm)         | 153 | UHD-UFS-BG153      |
| MICRON  | UFS            | MTFC128GAXATEA-WT              | BGA(13x11.5mm)         | 153 | UHD-UFS-BG153      |
| MICRON  | UFS            | MTFC128GAXATHF-WT              | BGA(13x11mm)           | 153 | UHD-UFS-BG153B     |
| MICRON  | UFS            | MTFC128GAZAOTD-AxT             | BGA(13x11.5mm)         | 153 | UHD-UFS-BG153      |
| MICRON  | UFS            | MTFC128GBCAVHF-WT              | BGA(13x11mm)           | 153 | UHD-UFS-BG153B     |
| MICRON  | UFS            | MTFC128GBCAVTC-AxT             | BGA(13x11.5mm)         | 153 | UHD-UFS-BG153      |
| MICRON  | UFS            | MTFC256GASAOONS-AIT            | BGA(13x11.5mm)         | 153 | UHD-UFS-BG153      |
| MICRON  | UFS            | MTFC256GASAOONS-AxT            | BGA(13x11.5mm)         | 153 | UHD-UFS-BG153      |
| MICRON  | UFS            | MTFC256GAVATTC-AxT             | BGA(13x11.5mm)         | 153 | UHD-UFS-BG153      |
| MICRON  | UFS            | MTFC256GAXATEA-WT              | BGA(13x11.5mm)         | 153 | UHD-UFS-BG153      |
| MICRON  | UFS            | MTFC256GAXATHF-WT              | BGA(13x11mm)           | 153 | UHD-UFS-BG153B     |
| MICRON  | UFS            | MTFC256GAXAUEA-WT              | BGA(13x11.5mm)         | 153 | UHD-UFS-BG153      |
| MICRON  | UFS            | MTFC256GAZAOTD-AxT             | BGA(13x11.5mm)         | 153 | UHD-UFS-BG153      |
| MICRON  | UFS            | MTFC256GBCAVHF-WT              | BGA(13x11mm)           | 153 | UHD-UFS-BG153B     |
| MICRON  | UFS            | MTFC256GBCAVTC-AxT             | BGA(13x11.5mm)         | 153 | UHD-UFS-BG153      |
| MICRON  | UFS            | MTFC32GASAOONS-AxT             | BGA(13x11.5mm)         | 153 | UHD-UFS-BG153      |
| MICRON  | UFS            | MTFC32GASAOONS-IT              | BGA(13x11.5mm)         | 153 | UHD-UFS-BG153      |
| MICRON  | UFS            | MTFC512GAXATAM-WT              | BGA(13x11.5mm)         | 153 | UHD-UFS-BG153      |
| MICRON  | UFS            | MTFC512GAXATHJ-WT              | BGA(13x11mm)           | 153 | UHD-UFS-BG153B     |
| MICRON  | UFS            | MTFC512GBCAVHF-WT              | BGA(13x11mm)           | 153 | UHD-UFS-BG153B     |
| MICRON  | UFS            | MTFC64GAOAMEA-WT               | BGA(13x11.5mm)         | 153 | UHD-UFS-BG153      |
| MICRON  | UFS            | MTFC64GASAOONS-AxT             | BGA(13x11.5mm)         | 153 | UHD-UFS-BG153      |
| MICRON  | UFS            | MTFC64GASAOONS-IT              | BGA(13x11.5mm)         | 153 | UHD-UFS-BG153      |
| MICRON  | UFS            | MTFC64GAXAUEA-WT               | BGA(13x11.5mm)         | 153 | UHD-UFS-BG153      |
| MICRON  | UFS            | MTFC64GAZAOTD-AxT              | BGA(13x11.5mm)         | 153 | UHD-UFS-BG153      |
| MONTAGE | MPU/MCU        | M88SPD5118A5                   | DFN(2x3mm)             | 8   | UHD-SPD5108-DN8    |
| MONTAGE | MPU/MCU        | M88SPD5118A5                   | DFN(2x3mm)             | 8   | UHD-SPD5108-DN8A   |
| MONTAGE | MPU/MCU        | M88SPD5118A5                   | DFN(2x3mm)             | 8   | UHD-SPD5108-DN8AV2 |
| MPS     | MPU/MCU        | MP2855GUT                      | QFN(5x5mm)             | 40  | UHD-MP2855XUT-QN40 |
| MPS     | MPU/MCU        | MP2856GUT                      | TQFN(5x5mm)            | 40  | UHD-MP2856-QN40    |
| MPS     | MPU/MCU        | MP2856GUT                      | TQFN(5x5mm)            | 40  | UHD-MP2861-QN40    |

| MFR  | GROUP       | IC                 | PACKAGE               | PIN | Adapter            |
|------|-------------|--------------------|-----------------------|-----|--------------------|
| MPS  | MPU/MCU     | MP2856GUT          | TQFN(5x5mm)           | 40  | UHD-MP2861-QN40A   |
| MPS  | MPU/MCU     | MP2857GQKT         | TQFN(6x6mm)           | 48  | UHD-MP2857-QN48    |
| MPS  | MPU/MCU     | MP2857GQKT         | TQFN(6x6mm)           | 48  | UHD-MP2857-QN48A   |
| MPS  | MPU/MCU     | MP2861GU           | QFN(5x5mm)            | 40  | UHD-MP2861-QN40    |
| MPS  | MPU/MCU     | MP2861GU           | QFN(5x5mm)            | 40  | UHD-MP2861-QN40A   |
| MPS  | MPU/MCU     | MP2862GQK          | QFN(6x6mm)            | 48  | UHD-MP2857-QN48    |
| MPS  | MPU/MCU     | MP2862GQK          | QFN(6x6mm)            | 48  | UHD-MP2857-QN48A   |
| MPS  | MPU/MCU     | MP2868GQK          | QFN(6x6mm)            | 52  | UHD-MP2868-QN52    |
| MPS  | MPU/MCU     | MP2869GQNT[Single] | QFN(7x7mm)            | 56  | UHD-MP2869-QN56    |
| MPS  | MPU/MCU     | MP2884AGU          | QFN(5x5mm)            | 40  | UHD-MP2888AGU-QN40 |
| MPS  | MPU/MCU     | MP2886AGU          | QFN(5x5mm)            | 40  | UHD-MP2888AGU-QN40 |
| MPS  | MPU/MCU     | MP2940AGRT         | TQFN(4x4mm)           | 28  | UHD-MP2940A-QN28   |
| MPS  | MPU/MCU     | MP2940CGRT         | TQFN(4x4mm)           | 28  | UHD-MP2940A-QN28   |
| MPS  | MPU/MCU     | MP2960RGQKT        | TQFN(6x6mm)           | 48  | UHD-MP2960-QN48    |
| MPS  | MPU/MCU     | MP2964GQKT         | TQFN(6x6mm)           | 48  | UHD-MP2964-QN48    |
| MPS  | MPU/MCU     | MP2971GU           | QFN(5x5mm)            | 40  | UHD-MP2971-QN40B   |
| MPS  | MPU/MCU     | MP2971GU[Multi]    | QFN(5x5mm)            | 40  | UHD-MP2971-QN40B   |
| MPS  | MPU/MCU     | MP2973GQK          | QFN(6x6mm)            | 48  | UHD-MP2973-QN48    |
| MPS  | MPU/MCU     | MP2975GU           | QFN(5x5mm)            | 40  | UHD-MP2971-QN40B   |
| MPS  | MPU/MCU     | MP2975IC-BOARD     | QFN(7.77x7.47mm)      | 48  | UHD-HI5001-QN48    |
| MPS  | MPU/MCU     | MP2978GU           | QFN(5x5mm)            | 40  | UHD-MP2978-QN40    |
| MPS  | MPU/MCU     | MP2985BGLUT        | QFN(5x5mm)            | 40  | UHD-MP2985B-QN40   |
| MPS  | MPU/MCU     | MP2985GU           | QFN(5x5mm)            | 40  | UHD-MP29XX-QN40    |
| MPS  | MPU/MCU     | MP2985HGLUT        | QFN(5x5mm)            | 40  | UHD-MP29XX-QN40    |
| MPS  | MPU/MCU     | MP2988GQ           | QFN(3x3mm)            | 20  | UHD-MP2988-QN20    |
| MPS  | MPU/MCU     | MP2992BGMKT        | TLGA(6x6mm)           | 48  | UHD-MP2992B-QN48   |
| MPS  | MPU/MCU     | MP2992HGMKT        | TLGA(6x6mm)           | 48  | UHD-MP2972-QN48    |
| MPS  | MPU/MCU     | MP2993GU           | QFN(5x5mm)            | 40  | UHD-MP29XX-QN40    |
| MPS  | MPU/MCU     | MP2993HGLUT        | QFN(5x5mm)            | 40  | UHD-MP29XX-QN40    |
| MPS  | MPU/MCU     | MP5023GV           | FCQFN(4x5mm)          | 24  | UHD-MP5023-QN24    |
| MPS  | MPU/MCU     | MP5990GMA          | LGA(7x5mm)            | 45  | UHD-MP5990-QN45    |
| MPS  | MPU/MCU     | MP9941GMJT         | TLGA(6x5mm)           | 37  | UHD-MP9941-QN37    |
| MXIC | Serial PROM | KH25L1606EM2x-xxx  | SOP(5.3mm)            | 8   | UHD-SEEP-SO8A      |
| MXIC | Serial PROM | KH25V40066M1x02    | SOP(3.9mm)            | 8   | UHD-SEEP-SO8       |
| MXIC | Serial PROM | MX25L12833FM2x-xxx | SOP(5.3mm)            | 8   | UHD-SEEP-SO8A      |
| MXIC | Serial PROM | MX25L12833FMx-xxx  | SOP(7.5mm)            | 16  | UHD-SEEP-SO16      |
| MXIC | Serial PROM | MX25L12833FXDx-xxx | BGA(8x6mm,5x5-1 ball) | 24  | UHD-SEEP-BG24A     |
| MXIC | Serial PROM | MX25L12833FZ2x-xxx | WSO(6x8mm)            | 8   | UHD-SEEP-SN8C      |
| MXIC | Serial PROM | MX25L12833FZNx-xxx | WSO(5x6mm)            | 8   | UHD-SEEP-SN8B      |
| MXIC | Serial PROM | MX25L12835FMx-xxx  | SOP(7.5mm)            | 16  | UHD-SEEP-SO16      |
| MXIC | Serial PROM | MX25L12839FXDx-xxx | BGA(8x6mm,5x5-1 ball) | 24  | UHD-SEEP-BG24A     |
| MXIC | Serial PROM | MX25L12845EMx-xxx  | SOP(7.5mm)            | 16  | UHD-SEEP-SO16      |
| MXIC | Serial PROM | MX25L12845GM2x-xxx | SOP(5.3mm)            | 8   | UHD-SEEP-SO8A      |
| MXIC | Serial PROM | MX25L12845GMx-xxx  | SOP(7.5mm)            | 16  | UHD-SEEP-SO16      |
| MXIC | Serial PROM | MX25L12845GZ2x-xxx | WSO(6x8mm)            | 8   | UHD-SEEP-SN8C      |
| MXIC | Serial PROM | MX25L12855EXCx-xxx | TFBGA(8x6mm,6x4 ball) | 24  | UHD-SEEP-BG24      |
| MXIC | Serial PROM | MX25L12873FM2x-xxx | SOP(5.3mm)            | 8   | UHD-SEEP-SO8A      |
| MXIC | Serial PROM | MX25L12873FMx-xxx  | SOP(7.5mm)            | 16  | UHD-SEEP-SO16      |
| MXIC | Serial PROM | MX25L1605DM1x-xxx  | SOP(3.9mm)            | 8   | UHD-SEEP-SO8       |
| MXIC | Serial PROM | MX25L1605DM2x-xxx  | SOP(5.3mm)            | 8   | UHD-SEEP-SO8A      |
| MXIC | Serial PROM | MX25L1605DMx-xxx   | SOP(7.5mm)            | 16  | UHD-SEEP-SO16      |
| MXIC | Serial PROM | MX25L1606EM1x-xxx  | SOP(3.9mm)            | 8   | UHD-SEEP-SO8       |
| MXIC | Serial PROM | MX25L1606EM2x-xxx  | SOP(5.3mm)            | 8   | UHD-SEEP-SO8A      |
| MXIC | Serial PROM | MX25L25635EMx-xxx  | SOP(7.5mm)            | 16  | UHD-SEEP-SO16      |
| MXIC | Serial PROM | MX25L25635FMx-xxx  | SOP(7.5mm)            | 16  | UHD-SEEP-SO16      |
| MXIC | Serial PROM | MX25L25635FZ2x-xxx | WSO(6x8mm)            | 8   | UHD-SEEP-SN8C      |
| MXIC | Serial PROM | MX25L25645GM2x-xxx | SOP(5.3mm)            | 8   | UHD-SEEP-SO8A      |
| MXIC | Serial PROM | MX25L25645GMx-xxx  | SOP(7.5mm)            | 16  | UHD-SEEP-SO16      |
| MXIC | Serial PROM | MX25L25673GMx-xxx  | SOP(7.5mm)            | 16  | UHD-SEEP-SO16      |
| MXIC | Serial PROM | MX25L25735FMx-xxx  | SOP(7.5mm)            | 16  | UHD-SEEP-SO16      |
| MXIC | Serial PROM | MX25L25735FZ2x-xxx | WSO(6x8mm)            | 8   | UHD-SEEP-SN8C      |
| MXIC | Serial PROM | MX25L3233FM1x-xx   | SOP(3.9mm)            | 8   | UHD-SEEP-SO8       |
| MXIC | Serial PROM | MX25L3233FM2x-xx   | SOP(5.3mm)            | 8   | UHD-SEEP-SO8A      |
| MXIC | Serial PROM | MX25L3233FMx-xxx   | SOP(7.5mm)            | 16  | UHD-SEEP-SO16      |
| MXIC | Serial PROM | MX25L3233FZB-xxx   | USON(4x3mm)           | 8   | UHD-SEEP-SN81      |
| MXIC | Serial PROM | MX25L3233FZNx-xxx  | WSO(5x6mm)            | 8   | UHD-SEEP-SN8B      |
| MXIC | Serial PROM | MX25L4006EM1x-xxx  | SOP(5.3mm)            | 8   | UHD-SEEP-SO8       |
| MXIC | Serial PROM | MX25L4006EM2x-xxx  | SOP(5.3mm)            | 8   | UHD-SEEP-SO8A      |
| MXIC | Serial PROM | MX25L4006EZNx-xxx  | WSO(5x6mm)            | 8   | UHD-SEEP-SN8B      |
| MXIC | Serial PROM | MX25L4006EZUx-xxx  | USON(2x3mm)           | 8   | UHD-SEEP-SN8A3     |
| MXIC | Serial PROM | MX25L5121EMx-xxx   | SOP(3.9mm)            | 8   | UHD-SEEP-SO8       |
| MXIC | Serial PROM | MX25L5121EOx-xxx   | TSSOP(4.4mm)          | 8   | UHD-SEEP-SS8       |
| MXIC | Serial PROM | MX25L51245GMx-xx   | SOP(7.5mm)            | 16  | UHD-SEEP-SO16      |
| MXIC | Serial PROM | MX25L51245GDX-xx   | BGA(8x6mm,5x5-1 ball) | 24  | UHD-SEEP-BG24A     |
| MXIC | Serial PROM | MX25L51265GMx-xxx  | SOP(7.5mm)            | 16  | UHD-SEEP-SO16      |
| MXIC | Serial PROM | MX25L512EMx-xxx    | SOP(3.9mm)            | 8   | UHD-SEEP-SO8       |
| MXIC | Serial PROM | MX25L512EOx-xxx    | TSSOP(4.4mm)          | 8   | UHD-SEEP-SS8       |
| MXIC | Serial PROM | MX25L6406EM2x-xxx  | SOP(5.3mm)            | 8   | UHD-SEEP-SO8A      |
| MXIC | Serial PROM | MX25L6406Ex-xxx    | SOP(7.5mm)            | 16  | UHD-SEEP-SO16      |
| MXIC | Serial PROM | MX25L6433FM2x-xxx  | SOP(5.3mm)            | 8   | UHD-SEEP-SO8A      |
| MXIC | Serial PROM | MX25L6433FMx-xxx   | SOP(7.5mm)            | 8   | UHD-SEEP-SO16      |
| MXIC | Serial PROM | MX25L6433FZNx-xxx  | WSO(5x6mm)            | 8   | UHD-SEEP-SN8B      |
| MXIC | Serial PROM | MX25L6435EM2x-xxx  | SOP(5.3mm)            | 8   | UHD-SEEP-SO8A      |
| MXIC | Serial PROM | MX25L6436FM2x-xxx  | SOP(5.3mm)            | 8   | UHD-SEEP-SO8A      |
| MXIC | Serial PROM | MX25L6445EM2x-xxx  | SOP(5.3mm)            | 8   | UHD-SEEP-SO8A      |

| MFR  | GROUP       | IC                 | PACKAGE               | PIN | Adapter         |
|------|-------------|--------------------|-----------------------|-----|-----------------|
| MXIC | Serial PROM | MX25L6445EMx-xxx   | SOP(7.5mm)            | 16  | UHD-SEEP-SO16   |
| MXIC | Serial PROM | MX25L6445EZNx-xxx  | WSON(6x8mm)           | 8   | UHD-SEEP-SN8C   |
| MXIC | Serial PROM | MX25L6473FM2x-xxx  | SOP(5.3mm)            | 8   | UHD-SEEP-SO8A   |
| MXIC | Serial PROM | MX25LW25645GXDx00  | BGA(8x6mm,5x5-1 ball) | 24  | UHD-SEEP-BG24A  |
| MXIC | Serial PROM | MX25R1635FZUxH0    | USON(2x3mm)           | 8   | UHD-SEEP-SN8A3  |
| MXIC | Serial PROM | MX25R3235FM1xH0    | SOP(3.9mm)            | 8   | UHD-SEEP-SO8    |
| MXIC | Serial PROM | MX25R3235FM2xL0    | SOP(5.3mm)            | 8   | UHD-SEEP-SO8A   |
| MXIC | Serial PROM | MX25R3235FZBxL0    | USON(4x3mm)           | 8   | UHD-SEEP-SN8I   |
| MXIC | Serial PROM | MX25R4035FM1xxx    | SOP(3.9mm)            | 8   | UHD-SEEP-SO8    |
| MXIC | Serial PROM | MX25U1001EZUx-xxx  | USON(2x3mm)           | 8   | UHD-SEEP-SN8A3  |
| MXIC | Serial PROM | MX25U12832FM2Q02   | SOP(5.3mm)            | 8   | UHD-SEEP-SO8A   |
| MXIC | Serial PROM | MX25U12832FM2R02   | SOP(5.3mm)            | 8   | UHD-SEEP-SO8A   |
| MXIC | Serial PROM | MX25U12832FM2xxx   | SOP(5.3mm)            | 8   | UHD-SEEP-SO8A   |
| MXIC | Serial PROM | MX25U12832FMxxx    | SOP(7.5mm)            | 16  | UHD-SEEP-SO16   |
| MXIC | Serial PROM | MX25U12832FZ4xxx   | WSON(6x8mm)           | 8   | UHD-SEEP-SN8C   |
| MXIC | Serial PROM | MX25U12832FZNJ02   | WSON(5x6mm)           | 8   | UHD-SEEP-SN8B   |
| MXIC | Serial PROM | MX25U12832FZNxxx   | WSON(5x6mm)           | 8   | UHD-SEEP-SN8B   |
| MXIC | Serial PROM | MX25U12835FM2x-xxx | SOP(5.3mm)            | 8   | UHD-SEEP-SO8A   |
| MXIC | Serial PROM | MX25U12835FMx-xxx  | SOP(7.5mm)            | 16  | UHD-SEEP-SO16   |
| MXIC | Serial PROM | MX25U12835FZ2x-xxx | WSON(6x8mm)           | 8   | UHD-SEEP-SN8C   |
| MXIC | Serial PROM | MX25U12835FZNx-xxx | WSON(5x6mm)           | 8   | UHD-SEEP-SN8B   |
| MXIC | Serial PROM | MX25U12872FM2x-xxx | SOP(5.3mm)            | 8   | UHD-SEEP-SO8A   |
| MXIC | Serial PROM | MX25U12872FZNxxx   | WSON(5x6mm)           | 8   | UHD-SEEP-SN8B   |
| MXIC | Serial PROM | MX25U1633FM1x      | SOP(3.9mm)            | 8   | UHD-SEEP-SO8    |
| MXIC | Serial PROM | MX25U1633FM2x      | SOP(5.3mm)            | 8   | UHD-SEEP-SO8A   |
| MXIC | Serial PROM | MX25U1633FZUx      | USON(2x3mm)           | 8   | UHD-SEEP-SN8A3  |
| MXIC | Serial PROM | MX25U1635EZUx-xxx  | USON(4x4mm)           | 8   | RUHD-SEEP-SN8G1 |
| MXIC | Serial PROM | MX25U1635FBAx-xxx  | WLCSP(2.08x1.95mm)    | 12  | UHD-SEEP-BG12D  |
| MXIC | Serial PROM | MX25U1635FM2x-xxx  | SOP(5.3mm)            | 8   | UHD-SEEP-SO8A   |
| MXIC | Serial PROM | MX25U1635FZNx-xxx  | WSON(5x6mm)           | 8   | UHD-SEEP-SN8B   |
| MXIC | Serial PROM | MX25U1635FZUx-xxx  | USON(4x4mm)           | 8   | RUHD-SEEP-SN8G1 |
| MXIC | Serial PROM | MX25U2035FZUx      | USON(2x3mm)           | 8   | UHD-SEEP-SN8A3  |
| MXIC | Serial PROM | MX25U25635FMx-xxx  | SOP(7.5mm)            | 16  | UHD-SEEP-SO16   |
| MXIC | Serial PROM | MX25U25635FZ2x-xxx | WSON(6x8mm)           | 8   | UHD-SEEP-SN8C   |
| MXIC | Serial PROM | MX25U25641GZ4xxx   | WSON(6x8mm)           | 8   | UHD-SEEP-SN8C   |
| MXIC | Serial PROM | MX25U25645GXDx00   | BGA(8x6mm,5x5-1 ball) | 24  | UHD-SEEP-BG24A  |
| MXIC | Serial PROM | MX25U25671GZ4x4G   | WSON(6x8mm)           | 8   | UHD-SEEP-SN8C   |
| MXIC | Serial PROM | MX25U25672GMx40    | SOP(7.5mm)            | 16  | UHD-SEEP-SO16   |
| MXIC | Serial PROM | MX25U25672GZ4x40   | WSON(6x8mm)           | 8   | UHD-SEEP-SN8C   |
| MXIC | Serial PROM | MX25U25691GMx40    | SOP(7.5mm)            | 16  | UHD-SEEP-SO16   |
| MXIC | Serial PROM | MX25U3232FM1xxx    | SOP(3.9mm)            | 8   | UHD-SEEP-SO8    |
| MXIC | Serial PROM | MX25U3232FM2xxx    | SOP(5.3mm)            | 8   | UHD-SEEP-SO8A   |
| MXIC | Serial PROM | MX25U3235FM2x-xxx  | SOP(5.3mm)            | 8   | UHD-SEEP-SO8A   |
| MXIC | Serial PROM | MX25U4033EM1x-xxx  | SOP(3.9mm)            | 8   | UHD-SEEP-SO8    |
| MXIC | Serial PROM | MX25U4035FM1x      | SOP(3.9mm)            | 8   | UHD-SEEP-SO8    |
| MXIC | Serial PROM | MX25U4035FZUx      | USON(2x3mm)           | 8   | UHD-SEEP-SN8A3  |
| MXIC | Serial PROM | MX25U5121EMx-xxx   | SOP(3.9mm)            | 8   | UHD-SEEP-SO8    |
| MXIC | Serial PROM | MX25U51241GZ4xxx   | WSON(6x8mm)           | 8   | UHD-SEEP-SN8C   |
| MXIC | Serial PROM | MX25U51279GMx00    | SOP(7.5mm)            | 16  | UHD-SEEP-SO16   |
| MXIC | Serial PROM | MX25U51279GXDx00   | BGA(8x6mm,5x5-1 ball) | 24  | UHD-SEEP-BG24A  |
| MXIC | Serial PROM | MX25U51293GMxxx    | SOP(7.5mm)            | 16  | UHD-SEEP-SO16   |
| MXIC | Serial PROM | MX25U51293GZ4xxx   | WSON(6x8mm)           | 8   | UHD-SEEP-SN8C   |
| MXIC | Serial PROM | MX25U6432FM2xxx    | SOP(5.3mm)            | 8   | UHD-SEEP-SO8A   |
| MXIC | Serial PROM | MX25U6432FZBxxx    | USON(4x3mm)           | 8   | UHD-SEEP-SN8I   |
| MXIC | Serial PROM | MX25U6432FZNxxx    | WSON(5x6mm)           | 8   | UHD-SEEP-SN8B   |
| MXIC | Serial PROM | MX25U6435FM2x-xxx  | SOP(5.3mm)            | 8   | UHD-SEEP-SO8A   |
| MXIC | Serial PROM | MX25U8033EM1x-xxx  | SOP(3.9mm)            | 8   | UHD-SEEP-SO8    |
| MXIC | Serial PROM | MX25U8033EZNx-xxx  | WSON(5x6mm)           | 8   | UHD-SEEP-SN8B   |
| MXIC | Serial PROM | MX25UM25645GXDx00  | BGA(8x6mm,5x5-1 ball) | 24  | UHD-SEEP-BG24A  |
| MXIC | Serial PROM | MX25UW12845GXDx00  | BGA(8x6mm,5x5-1 ball) | 24  | UHD-SEEP-BG24A  |
| MXIC | Serial PROM | MX25UW25345GXDx00  | BGA(8x6mm,5x5-1 ball) | 24  | UHD-SEEP-BG24A  |
| MXIC | Serial PROM | MX25V1006FM1x      | SOP(3.9mm)            | 8   | UHD-SEEP-SO8    |
| MXIC | Serial PROM | MX25V1006FZUx      | USON(2x3mm)           | 8   | UHD-SEEP-SN8A3  |
| MXIC | Serial PROM | MX25V1035FM1x      | SOP(3.9mm)            | 8   | UHD-SEEP-SO8    |
| MXIC | Serial PROM | MX25V16066M1x02    | SOP(3.9mm)            | 8   | UHD-SEEP-SO8    |
| MXIC | Serial PROM | MX25V16066M2x02    | SOP(5.3mm)            | 8   | UHD-SEEP-SO8A   |
| MXIC | Serial PROM | MX25V16066ZUx02    | USON(2x3mm)           | 8   | UHD-SEEP-SN8A3  |
| MXIC | Serial PROM | MX25V1635FM1x      | SOP(3.9mm)            | 8   | UHD-SEEP-SO8    |
| MXIC | Serial PROM | MX25V1635FZUx      | USON(2x3mm)           | 8   | UHD-SEEP-SN8A3  |
| MXIC | Serial PROM | MX25V2033FM1x      | SOP(3.9mm)            | 8   | UHD-SEEP-SO8    |
| MXIC | Serial PROM | MX25V2033FZUx      | USON(2x3mm)           | 8   | UHD-SEEP-SN8A3  |
| MXIC | Serial PROM | MX25V40066M1x02    | SOP(3.9mm)            | 8   | UHD-SEEP-SO8    |
| MXIC | Serial PROM | MX25V40066M2x02    | SOP(5.3mm)            | 8   | UHD-SEEP-SO8A   |
| MXIC | Serial PROM | MX25V40066ZUx02    | USON(2x3mm)           | 8   | UHD-SEEP-SN8A3  |
| MXIC | Serial PROM | MX25V4006EM1x-xxx  | SOP(3.9mm)            | 8   | UHD-SEEP-SO8    |
| MXIC | Serial PROM | MX25V4035FM1x      | SOP(3.9mm)            | 8   | UHD-SEEP-SO8    |
| MXIC | Serial PROM | MX25V4035FM2x      | SOP(5.3mm)            | 8   | UHD-SEEP-SO8A   |
| MXIC | Serial PROM | MX25V4035FZUx      | USON(2x3mm)           | 8   | UHD-SEEP-SN8A3  |
| MXIC | Serial PROM | MX25V80066M1x02    | SOP(3.9mm)            | 8   | UHD-SEEP-SO8    |
| MXIC | Serial PROM | MX25V80066M2x02    | SOP(5.3mm)            | 8   | UHD-SEEP-SO8A   |
| MXIC | Serial PROM | MX25V80066ZUx02    | SON(2x3mm)            | 8   | UHD-SEEP-SN8A3  |
| MXIC | Serial PROM | MX25V8035FM1x      | SOP(3.9mm)            | 8   | UHD-SEEP-SO8    |
| MXIC | Serial PROM | MX25V8035FM2x      | SOP(5.3mm)            | 8   | UHD-SEEP-SO8A   |
| MXIC | Serial PROM | MX25V8035FZNx      | WSON(5x6mm)           | 8   | UHD-SEEP-SN8B   |
| MXIC | Serial PROM | MX25V8035FZUx      | USON(2x3mm)           | 8   | UHD-SEEP-SN8A3  |

| MFR     | GROUP          | IC                       | PACKAGE               | PIN | Adapter                |
|---------|----------------|--------------------------|-----------------------|-----|------------------------|
| MXIC    | EEPROM/FLASH/N | MX29GL128ExT2x-xxG       | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56A        |
| MXIC    | EEPROM/FLASH/N | MX29GL128ExT2x-xxG       | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56C        |
| MXIC    | EEPROM/FLASH/N | MX29GL128FXT2x-xxG       | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56A        |
| MXIC    | EEPROM/FLASH/N | MX29GL128FXT2x-xxG       | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56C        |
| MXIC    | EEPROM/FLASH/N | MX29GL256FXT2x-xxG       | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56A        |
| MXIC    | EEPROM/FLASH/N | MX29GL256FXT2x-xxG       | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56C        |
| MXIC    | EEPROM/FLASH/N | MX29GL256FXT2x-xxQ       | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56A        |
| MXIC    | EEPROM/FLASH/N | MX29GL256FXT2x-xxQ       | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56C        |
| MXIC    | EEPROM/FLASH/N | MX29GL512FXT2x-xxG       | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56A        |
| MXIC    | EEPROM/FLASH/N | MX29GL512FXT2x-xxG       | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56C        |
| MXIC    | EEPROM/FLASH/N | MX29GL512GxT2x-xxG       | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56A        |
| MXIC    | EEPROM/FLASH/N | MX29GL512GxT2x-xxG       | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56C        |
| MXIC    | EEPROM/FLASH/N | MX29LV320ETTxx-xxx       | TSOP(12x20mm)         | 48  | UHD-FLASH-TS48         |
| MXIC    | EEPROM/FLASH/N | MX29LV400CTTx-xxx        | TSOP(12x20mm)         | 48  | UHD-FLASH-TS48         |
| MXIC    | NAND FLASH     | MX30LF1G28AD-Tx          | TSOP(12x20mm)         | 48  | UHD-NAND-TS48V2        |
| MXIC    | NAND FLASH     | MX30LF1G28AD-XKx         | VFBGA(11x9mm)         | 63  | UHD-NAND-BG63A         |
| MXIC    | NAND FLASH     | MX30LF2G18AC-XKx         | VFBGA(11x9mm)         | 63  | UHD-NAND-BG63A         |
| MXIC    | NAND FLASH     | MX30LF2G28AD-Tx          | TSOP(12x20mm)         | 48  | UHD-NAND-TS48V2        |
| MXIC    | NAND FLASH     | MX30LF2GE8AB-XKx         | VFBGA(11x9mm)         | 63  | UHD-NAND-BG63A         |
| MXIC    | NAND FLASH     | MX30LF4G28AD-Tx          | TSOP(12x20mm)         | 48  | UHD-NAND-TS48V2        |
| MXIC    | NAND FLASH     | MX30LF4G28AD-XKx         | VFBGA(11x9mm)         | 63  | UHD-NAND-BG63A         |
| MXIC    | NAND FLASH     | MX30UF2G18AC-XKx         | BGA(11x9mm)           | 63  | UHD-NAND-BG63A         |
| MXIC    | NAND FLASH     | MX30UF2G28AD-XKx         | VFBGA(11x9mm)         | 63  | UHD-NAND-BG63A         |
| MXIC    | NAND FLASH     | MX30UF4G28AB-XKx         | BGA(11x9mm)           | 63  | UHD-NAND-BG63A         |
| MXIC    | NAND FLASH     | MX30UF4G28AC-XKx         | VFBGA(11x9mm)         | 63  | UHD-NAND-BG63A         |
| MXIC    | NAND FLASH     | MX30UF4G28AD-Tx          | TSOP(12x20mm)         | 48  | UHD-NAND-TS48V2        |
| MXIC    | NAND FLASH     | MX30UF4G28AD-XKx         | VFBGA(11x9mm)         | 63  | UHD-NAND-BG63A         |
| MXIC    | NAND FLASH     | MX35LF1G24AD-Z4x(disECC) | WSON(6x8mm)           | 8   | UHD-SEEP-SN8C          |
| MXIC    | NAND FLASH     | MX35LF2G24AD-Z4x(disECC) | WSON(6x8mm)           | 8   | UHD-SEEP-SN8C          |
| MXIC    | NAND FLASH     | MX35LF2GE4AD-Z4x(disECC) | WSON(6x8mm)           | 8   | UHD-SEEP-SN8C          |
| MXIC    | NAND FLASH     | MX35LF2GE4AD-Z4x(enECC)  | WSON(6x8mm)           | 8   | UHD-SEEP-SN8C          |
| MXIC    | NAND FLASH     | MX35UF2GE4AD-Z4x(disECC) | WSON(6x8mm)           | 8   | UHD-SEEP-SN8C          |
| MXIC    | NAND FLASH     | MX35UF2GE4AD-Z4x(enECC)  | WSON(6x8mm)           | 8   | UHD-SEEP-SN8C          |
| MXIC    | NAND FLASH     | MX35UF4G24AD-Z4x(disECC) | WSON(6x8mm)           | 8   | UHD-SEEP-SN8C          |
| MXIC    | eMMC/eMCP      | MX52LM04A11XSI           | BGA(13x11.5mm)        | 153 | UHD-EMMC-BG153         |
| MXIC    | eMMC/eMCP      | MX52LM08A11XVI           | BGA(13x11.5mm)        | 153 | UHD-EMMC-BG153         |
| MXIC    | NAND FLASH     | MX60LF8G18AC-Tx          | TSOP(12x20mm)         | 48  | UHD-NAND-TS48V2        |
| MXIC    | NAND FLASH     | MX60LF8G28AD-XKx         | VFBGA(11x9mm)         | 63  | UHD-NAND-BG63A         |
| MXIC    | Serial PROM    | MX66L1G43GZ4xxx          | WSON(6x8mm)           | 8   | UHD-SEEP-SN8C          |
| MXIC    | Serial PROM    | MX66L1G45GMxxx           | SOP(7.5mm)            | 16  | UHD-SEEP-SO16          |
| MXIC    | Serial PROM    | MX66L1G65GMx-xxx         | SOP(7.5mm)            | 16  | UHD-SEEP-SO16          |
| MXIC    | Serial PROM    | MX66L2G45GMx00           | SOP(7.5mm)            | 16  | UHD-SEEP-SO16          |
| MXIC    | Serial PROM    | MX66U1G45GMxxx           | SOP(7.5mm)            | 16  | UHD-SEEP-SO16          |
| MXIC    | Serial PROM    | MX66U1G45GDX00           | BGA(8x6mm,5x5-1 ball) | 24  | UHD-SEEP-BG24A         |
| MXIC    | Serial PROM    | MX66UW1G345GDX00         | BGA(8x6mm,5x5-1 ball) | 24  | UHD-SEEP-BG24A         |
| MXIC    | Serial PROM    | MX66UW2G345GXRX00        | BGA(8x6mm,6x4 ball)   | 24  | UHD-SEEP-BG24A         |
| MXIC    | EEPROM/FLASH/N | MX68GL1G0FXT2x-xxx       | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56A        |
| MXIC    | EEPROM/FLASH/N | MX68GL1G0FXT2x-xxx       | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56C        |
| MXIC    | Serial PROM    | MX77L12850FM2xxx         | SOP(5.3mm)            | 8   | UHD-SEEP-SO8A          |
| MXIC    | Serial PROM    | MX77L12850FZNxxx         | WSON(5x6mm)           | 8   | UHD-SEEP-SN8B          |
| MXIC    | Serial PROM    | MX77L51250FZ4xxx         | WSON(6x8mm)           | 8   | UHD-SEEP-SN8C          |
| MXIC    | Serial PROM    | MX77U12851FZ4x42         | WSON(6x8mm)           | 8   | UHD-SEEP-SN8C          |
| MXIC    | Serial PROM    | MX77U12851FZNx42         | SON(5x6mm)            | 8   | UHD-SEEP-SN8B          |
| MXIC    | Serial PROM    | MX77U51250FZ4xxx         | WSON(6x8mm)           | 8   | UHD-SEEP-SN8C          |
| MXIC    | Serial PROM    | MX77U51255FZ4xxx         | WSON(6x8mm)           | 8   | UHD-SEEP-SN8C          |
| MXIC    | Serial PROM    | MX78U128B00GXDRO0        | BGA(8x6mm,5x5-1 ball) | 24  | UHD-SEEP-BG24A         |
| NATIONS | MPU/MCU        | N32G030K8Lx              | LQFP(7x7mm)           | 32  | UHD-N32G032-LQ32       |
| NATIONS | MPU/MCU        | N32G031C8Lx              | LQFP(7x7mm)           | 48  | UHD-N32G030-LQ48V2     |
| NATIONS | MPU/MCU        | N32G031K8Qx              | QFN(5x5mm)            | 32  | UHD-N32G031-QN32A      |
| NATIONS | MPU/MCU        | N32G032K8Lx              | LQFP(7x7mm)           | 32  | UHD-N32G032-LQ32       |
| NATIONS | MPU/MCU        | N32G032R8Lx              | LQFP(10x10mm)         | 64  | HD-STM32F10XR/O-QF64V5 |
| NATIONS | MPU/MCU        | N32G401F8Sx              | TSSOP(4.4mm)          | 20  | UHD-N32G40X-TSS20      |
| NATIONS | MPU/MCU        | N32G435CBLx              | LQFP(7x7mm)           | 48  | UHD-N32G030-LQ48V2     |
| NATIONS | MPU/MCU        | N32G452RCLx              | LQFP(10x10mm)         | 64  | HD-STM32F10XR/O-QF64V5 |
| NATIONS | MPU/MCU        | N32G455VELx              | LQFP(14x14mm)         | 100 | UHD-N32G455-LQ100      |
| NATIONS | MPU/MCU        | N32L406CBLx              | LQFP(7x7mm)           | 48  | UHD-N32G030-LQ48V2     |
| NOVATEK | MPU/MCU        | AUO-G201.2V              | QFN(4x4mm)            | 24  | HD-AUOG201/O-QN24A     |
| NOVATEK | MPU/MCU        | AUO-S305.1V              | QFN(4x4mm)            | 32  | UHD-GAUOS305-QN32      |
| NOVATEK | MPU/MCU        | AUO-S305.2V              | QFN(4x4mm)            | 32  | UHD-GAUOS305-QN32      |
| NOVATEK | MPU/MCU        | NT50316QG-032/C          | QFN(4x4mm)            | 32  | UHD-NT50316QG-QN32     |
| NUVOTON | MPU/MCU        | ISD2361Yxx               | QFN(5x5mm)            | 32  | UHD-ISD2360-QN32       |
| NUVOTON | MPU/MCU        | ISD9160xxx               | QFP(7x7mm)            | 48  | UHD-ISD9160-QF48       |
| NUVOTON | MPU/MCU        | NSP081A                  | SOP(3.9mm)            | 8   | UHD-NSPXXXXA-SO8       |
| NUVOTON | MPU/MCU        | NSP081A                  | SOP(3.9mm)            | 8   | UHD-NSPXXXXA-SO8V2     |
| NUVOTON | MPU/MCU        | NSP082A                  | SOP(3.9mm)            | 8   | UHD-NSPXXXXA-SO8V2     |
| NUVOTON | MPU/MCU        | NSP172A                  | SOP(3.9mm)            | 8   | UHD-NSPXXXXA-SO8V2     |
| NUVOTON | MPU/MCU        | NSP2080A                 | SOP(3.9mm)            | 8   | UHD-NSPXXXXA-SO8V2     |
| NUVOTON | MPU/MCU        | NSP2080A01G              | SOP(3.9mm)            | 16  | UHD-NSP2XX0A01G-SO16   |
| NUVOTON | MPU/MCU        | NSP2080A03G              | SOP(3.9mm)            | 16  | UHD-NSP2XX0A01G-SO16   |
| NUVOTON | MPU/MCU        | NSP2080T06E              | TSSOP(4.4mm)          | 28  | UHD-NSP2XX0T06E-TSS28  |
| NUVOTON | MPU/MCU        | NSP2080T16L              | LQFP(7x7mm)           | 48  | UHD-NSP2XX0T16L-LQ48   |
| NUVOTON | MPU/MCU        | NSP2170A                 | SOP(3.9mm)            | 8   | UHD-NSPXXXXA-SO8V2     |
| NUVOTON | MPU/MCU        | NSP2170A01G              | SOP(3.9mm)            | 16  | UHD-NSP2XX0A01G-SO16   |
| NUVOTON | MPU/MCU        | NSP2170A03G              | SOP(3.9mm)            | 16  | UHD-NSP2XX0A01G-SO16   |
| NUVOTON | MPU/MCU        | NSP2170T06E              | TSSOP(4.4mm)          | 28  | UHD-NSP2XX0T06E-TSS28  |

| MFR     | GROUP   | IC                 | PACKAGE        | PIN | Adapter               |
|---------|---------|--------------------|----------------|-----|-----------------------|
| NUVOTON | MPU/MCU | NSP2170T16L        | LQFP(7x7mm)    | 48  | UHD-NSP2XX0T16L-LQ48  |
| NUVOTON | MPU/MCU | NSP2340A           | SOP(3.9mm)     | 8   | UHD-NSPXXXXA-SO8V2    |
| NUVOTON | MPU/MCU | NSP2340A01G        | SOP(3.9mm)     | 16  | UHD-NSP2XX0A01G-SO16  |
| NUVOTON | MPU/MCU | NSP2340A03G        | SOP(3.9mm)     | 16  | UHD-NSP2XX0A03G-SO16  |
| NUVOTON | MPU/MCU | NSP2340T06E        | TSSOP(4.4mm)   | 28  | UHD-NSP2XX0T06E-TSS28 |
| NUVOTON | MPU/MCU | NSP2340T16L        | LQFP(7x7mm)    | 48  | UHD-NSP2XX0T16L-LQ48  |
| NUVOTON | MPU/MCU | NSP342A            | SOP(3.9mm)     | 8   | UHD-NSPXXXXA-SO8V2    |
| NXP     | MPU/MCU | FS32K116LxxxxFMx   | QFN(5x5mm)     | 32  | UHD-FS32K1XX-QN32     |
| NXP     | MPU/MCU | FS32K116LxxxxLFx   | QFP(7x7mm)     | 48  | UHD-S32K1XX-QF48      |
| NXP     | MPU/MCU | FS32K118LxxxxLFx   | QFP(7x7mm)     | 48  | UHD-S32K1XX-QF48      |
| NXP     | MPU/MCU | FS32K118LxxxxLHx   | LQFP(10x10mm)  | 64  | UHD-MKE14FXXX-QF64    |
| NXP     | MPU/MCU | FS32K144HxxxxLLx   | LQFP(14x14mm)  | 100 | UHD-S32K1XX-LQ100     |
| NXP     | MPU/MCU | FS32K144UxxxxLLx   | LQFP(14x14mm)  | 100 | UHD-S32K1XX-LQ100     |
| NXP     | MPU/MCU | FS32K146HxxxxLLx   | LQFP(14x14mm)  | 100 | UHD-S32K1XX-LQ100     |
| NXP     | MPU/MCU | FS32K146UxxxxLLx   | LQFP(14x14mm)  | 100 | UHD-S32K1XX-LQ100     |
| NXP     | MPU/MCU | FS32K146UxxxxLQx   | LQFP(20x20mm)  | 144 | UHD-S32K1XX-LQ144     |
| NXP     | MPU/MCU | FS32K148HxxxxLLx   | LQFP(14x14mm)  | 100 | UHD-S32K1XX-LQ100     |
| NXP     | MPU/MCU | LPC1112FDH20/102   | TSSOP(4.4mm)   | 20  | UHD-LPC111X-TSS20     |
| NXP     | MPU/MCU | LPC1114FDH28/102   | TSSOP(4.4mm)   | 28  | HD-LPC111X-TSS28      |
| NXP     | MPU/MCU | LPC1115FBD48/303   | LQFP(7x7mm)    | 48  | HD-LPC111X-QF48V2A    |
| NXP     | MPU/MCU | LPC1115FET48/303   | BGA(4.5x4.5mm) | 48  | UHD-LPC1115-BG48      |
| NXP     | MPU/MCU | LPC111C14FBD48/301 | LQFP(7x7mm)    | 48  | HD-LPC111X-QF48V2A    |
| NXP     | MPU/MCU | LPC111C22FBD48/301 | LQFP(7x7mm)    | 48  | UHD-LPC11C2X-QF48     |
| NXP     | MPU/MCU | LPC111C24FBD48/301 | LQFP(7x7mm)    | 48  | HD-LPC111X-QF48V2A    |
| NXP     | MPU/MCU | LPC11E37FET48      | BGA(4.5x4.5mm) | 48  | UHD-LPC11E37-BG48     |
| NXP     | MPU/MCU | LPC11E68JBD64      | LQFP(10x10mm)  | 64  | HD-LPC11U6X/O-QF64    |
| NXP     | MPU/MCU | LPC11U23FBD48/301  | LQFP(7x7mm)    | 48  | UHD-LPC11U3X-QF48     |
| NXP     | MPU/MCU | LPC11U24FBD48/401  | LQFP(7x7mm)    | 48  | UHD-LPC11U3X-QF48     |
| NXP     | MPU/MCU | LPC11U35FBD48/401  | LQFP(7x7mm)    | 48  | UHD-LPC11U3X-QF48     |
| NXP     | MPU/MCU | LPC11U36FBD48/401  | LQFP(7x7mm)    | 48  | UHD-LPC11U3X-QF48     |
| NXP     | MPU/MCU | LPC11U37FBD48/401  | LQFP(7x7mm)    | 48  | UHD-LPC11U3X-QF48     |
| NXP     | MPU/MCU | LPC11U67JBD48      | QFP(7x7mm)     | 48  | UHD-LPC11U6X-QF48     |
| NXP     | MPU/MCU | LPC1224FBD48/101   | LQFP(7x7mm)    | 48  | UHD-LPC1224-QF48      |
| NXP     | MPU/MCU | LPC1518JBD100      | LQFP(14x14mm)  | 100 | UHD-LPC15XX-LQ100     |
| NXP     | MPU/MCU | LPC2109FBD64       | LQFP(10x10mm)  | 64  | UHD-LPC21XX-QF64      |
| NXP     | MPU/MCU | LPC2132FBD64       | QFP(10x10mm)   | 64  | UHD-LPC21XX-QF64      |
| NXP     | MPU/MCU | LPC2142FBD64       | LQFP(10x10mm)  | 64  | UHD-LPC21XX-QF64      |
| NXP     | MPU/MCU | LPC2144FBD64       | LQFP(10x10mm)  | 64  | UHD-LPC21XX-QF64      |
| NXP     | MPU/MCU | LPC2368FET100      | BGA(9x9mm)     | 100 | HD-LPC236X-BG100      |
| NXP     | MPU/MCU | LPC4078FBD100      | LQFP(14x14mm)  | 100 | UHD-LPC407X-QF100     |
| NXP     | MPU/MCU | LPC51U68JBD48      | LQFP(7x7mm)    | 48  | UHD-LPC51U68-QF48     |
| NXP     | MPU/MCU | LPC51U68JBD64      | LQFP(10x10mm)  | 64  | UHD-LPC5411X-QF64     |
| NXP     | MPU/MCU | LPC54605J512BD100  | LQFP(14x14mm)  | 100 | UHD-LPC5460X-LQ100    |
| NXP     | MPU/MCU | LPC54616J256ET180  | BGA(12x12mm)   | 180 | UHD-LPC54616-BG180    |
| NXP     | MPU/MCU | LPC54S018J4MET180  | TFBGA(12x12mm) | 180 | UHD-LPC540XX-BG180    |
| NXP     | MPU/MCU | LPC5502JH148       | HVQFN(7x7mm)   | 48  | UHD-LPC55S0X-QN48     |
| NXP     | MPU/MCU | LPC5514JBD64       | HTQFP(10x10mm) | 64  | UHD-LPC55S69-LQ64     |
| NXP     | MPU/MCU | LPC5516JBD100      | HLQFP(14x14mm) | 100 | UHD-LPC55S69-LQ100    |
| NXP     | MPU/MCU | LPC5516JBD64       | HTQFP(10x10mm) | 64  | UHD-LPC55S69-LQ64     |
| NXP     | MPU/MCU | LPC5528JBD100      | HLQFP(14x14mm) | 100 | UHD-LPC55S69-LQ100    |
| NXP     | MPU/MCU | LPC5528JBD64       | HTQFP(10x10mm) | 64  | UHD-LPC55S69-LQ64     |
| NXP     | MPU/MCU | LPC55S16JBD64      | HTQFP(10x10mm) | 64  | UHD-LPC55S69-LQ64     |
| NXP     | MPU/MCU | LPC55S66JEV98      | VFBGA(7x7mm)   | 98  | UHD-LPC55S69-BG98     |
| NXP     | MPU/MCU | LPC55S69JBD100     | HLQFP(14x14mm) | 100 | UHD-LPC55S69-LQ100    |
| NXP     | MPU/MCU | LPC55S69JBD64      | HTQFP(10x10mm) | 64  | UHD-LPC55S69-LQ64     |
| NXP     | MPU/MCU | LPC55S69JEV98      | VFBGA(7x7mm)   | 98  | UHD-LPC55S69-BG98     |
| NXP     | MPU/MCU | LPC802M001JDH16    | TSSOP(4.4mm)   | 16  | UHD-LPC80X-TSS16      |
| NXP     | MPU/MCU | LPC802M001JDH20    | TSSOP(4.4mm)   | 20  | UHD-LPC80X-TSS20      |
| NXP     | MPU/MCU | LPC824M201JHI33    | QFN(5x5mm)     | 33  | HD-LPC82X/O-QN32      |
| NXP     | MPU/MCU | LPC844M201JBD48    | LQFP(7x7mm)    | 48  | UHD-LPC84X-QF48       |
| NXP     | MPU/MCU | LPC844M201JHI33    | QFN(5x5mm)     | 33  | HD-LPC82X/O-QN32      |
| NXP     | MPU/MCU | LPC845M301JBD48    | LQFP(7x7mm)    | 48  | UHD-LPC84X-QF48       |
| NXP     | MPU/MCU | LPC845M301JHI33    | QFN(5x5mm)     | 33  | HD-LPC82X/O-QN32      |
| NXP     | MPU/MCU | LPC865M201JHI33    | HVQFN(5x5mm)   | 33  | HD-LPC82X/O-QN32      |
| NXP     | MPU/MCU | LTA1902            | SOP(3.9mm)     | 16  | HD-TEA2016-SO16       |
| NXP     | MPU/MCU | LTA2021            | SOP(3.9mm)     | 16  | HD-TEA2016-SO16       |
| NXP     | MPU/MCU | MK24FN1M0VDC12     | BGA(8x8mm)     | 121 | UHD-KINETIS-BG121     |
| NXP     | MPU/MCU | MK24FN1M0VDC12     | BGA(8x8mm)     | 121 | UHD-KINETIS-BG121A    |
| NXP     | MPU/MCU | MK24FN1M0VLQ12     | LQFP(20x20mm)  | 144 | UHD-KINETIS-LQ144     |
| NXP     | MPU/MCU | MK60DN512VMD10     | BGA(13x13mm)   | 144 | UHD-KINETIS-BG144     |
| NXP     | MPU/MCU | MK64FN1M0VMD12     | BGA(13x13mm)   | 144 | UHD-KINETIS-BG144     |
| NXP     | MPU/MCU | MKE172256VLH7      | LQFP(10x10mm)  | 64  | UHD-MKE14FXXX-QF64    |
| NXP     | MPU/MCU | MKE18F512VLH16     | LQFP(10x10mm)  | 64  | UHD-MKE14FXXX-QF64    |
| NXP     | MPU/MCU | MKE18F512VLL16     | LQFP(14x14mm)  | 100 | UHD-S32K1XX-LQ100     |
| NXP     | MPU/MCU | MKL02232xFKx       | QFN(4x4mm)     | 24  | UHD-MKL032XX-QN24     |
| NXP     | MPU/MCU | MKL16Z32xFMx       | QFN(5x5mm)     | 32  | UHD-MKL16ZXX-QN32     |
| NXP     | MPU/MCU | MKL16Z64xFTx       | QFN(7x7mm)     | 48  | HD-MKL26ZXX/O-ML48    |
| NXP     | MPU/MCU | MKL172256VMF4      | QFN(5x5mm)     | 32  | UHD-MKL17ZXX-QN32     |
| NXP     | MPU/MCU | MKW38A512xFTxx     | QFN(7x7mm)     | 48  | UHD-MKW36AXXX-QN48    |
| NXP     | MPU/MCU | MKW38A512xFTxx     | QFN(7x7mm)     | 48  | UHD-MKW36AXXX-QN48A   |
| NXP     | MPU/MCU | MMPF0100NPAEP      | QFN(8x8mm)     | 56  | UHD-MMPF0100-QN56     |
| NXP     | MPU/MCU | MMPF0100NPAEP      | QFN(8x8mm)     | 56  | UHD-MMPF0100-QN56A    |
| NXP     | MPU/MCU | S32K312xxxxPAXx    | QFP(10x10mm)   | 100 | UHD-S32K31X-QF100     |
| NXP     | MPU/MCU | S32K312xxxxPBxx    | QFP(16x16mm)   | 172 | UHD-S32K312-QF172     |
| NXP     | MPU/MCU | S32K324xxxxPBxx    | QFP(16x16mm)   | 172 | UHD-S32K3XX-QF172     |

| MFR            | GROUP       | IC                   | PACKAGE        | PIN | Adapter              |
|----------------|-------------|----------------------|----------------|-----|----------------------|
| NXP            | Serial PROM | SE97BTP              | HWSON(2x3mm)   | 8   | RUHD-SEEP-SN8A3      |
| NXP            | Serial PROM | SE97BTP              | HWSON(2x3mm)   | 8   | RUHD-SEEP-SN8A7      |
| NXP            | MPU/MCU     | TEA2016AAT           | SOP(3.9mm)     | 16  | HD-TEA2016-SO16      |
| NXP            | MPU/MCU     | TEA2017AAT           | SOP(3.9mm)     | 16  | HD-TEA2016-SO16      |
| NXP            | MPU/MCU     | TEA2017ABT           | SOP(3.9mm)     | 16  | HD-TEA2016-SO16      |
| NXP            | MPU/MCU     | TEA2226AT            | SOP(3.9mm)     | 16  | HD-TEA2016-SO16      |
| NXP            | MPU/MCU     | TEA8918AAT           | SOP(3.9mm)     | 16  | HD-TEA2016-SO16      |
| ON SEMICONDUCT | Serial PROM | CAT24C04HU4x-x       | UDFN(2x3mm)    | 8   | UHD-SEEP-SN8A3       |
| ON SEMICONDUCT | Serial PROM | CAT24C04Wx-x         | SOP(3.9mm)     | 8   | UHD-SEEP-SO8         |
| ON SEMICONDUCT | Serial PROM | CAT24C04Yx-x         | TSSOP(4.4mm)   | 8   | UHD-SEEP-SS8         |
| ON SEMICONDUCT | Serial PROM | CAT24C128Wx-xxx      | SOP(3.9mm)     | 8   | UHD-SEEP-SO8         |
| ON SEMICONDUCT | Serial PROM | CAT24C128Yx-xxx      | TSSOP(4.4mm)   | 8   | UHD-SEEP-SS8         |
| ON SEMICONDUCT | Serial PROM | CAT24C256HU4xxxx     | UDFN(2x3mm)    | 8   | UHD-SEEP-SN8A3       |
| ON SEMICONDUCT | Serial PROM | CAT24C256Wx-xxx      | SOP(3.9mm)     | 8   | UHD-SEEP-SO8         |
| ON SEMICONDUCT | Serial PROM | CAT24C256Yx-xxx      | TSSOP(4.4mm)   | 8   | UHD-SEEP-SS8         |
| ON SEMICONDUCT | Serial PROM | CAT24C32HU4x-xxx     | UDFN(2x3mm)    | 8   | UHD-SEEP-SN8A3       |
| ON SEMICONDUCT | Serial PROM | CAT24C32Wx-xxx       | SOP(3.9mm)     | 8   | UHD-SEEP-SO8         |
| ON SEMICONDUCT | Serial PROM | CAT24C64Wx-x         | SOP(3.9mm)     | 8   | UHD-SEEP-SO8         |
| ON SEMICONDUCT | Serial PROM | CAT24C64Yx-x         | TSSOP(4.4mm)   | 8   | UHD-SEEP-SS8         |
| ON SEMICONDUCT | Serial PROM | CAT25256HU4x-xx      | UDFN(2x3mm)    | 8   | UHD-SEEP-SN8L        |
| ON SEMICONDUCT | Serial PROM | CAT25256Vx-xx        | SOP(3.9mm)     | 8   | UHD-SEEP-SO8         |
| ON SEMICONDUCT | Serial PROM | CAT25256Xx?xx        | SOP(5.3mm)     | 8   | UHD-SEEP-SO8A        |
| ON SEMICONDUCT | Serial PROM | CAT25256Yx-xx        | TSSOP(4.4mm)   | 8   | UHD-SEEP-SS8         |
| ON SEMICONDUCT | Serial PROM | CAT25512Vx-xx        | SOP(3.9mm)     | 8   | UHD-SEEP-SO8         |
| ON SEMICONDUCT | Serial PROM | CAT34C02HU4xxxx      | UDFN(2x3mm)    | 8   | RUHD-SEEP-SN8A3      |
| ON SEMICONDUCT | Serial PROM | CAT34C02HU4xxxx      | UDFN(2x3mm)    | 8   | RUHD-SEEP-SN8A7      |
| ON SEMICONDUCT | Serial PROM | CAT34C02VP2xxxx      | TDFN(2x3mm)    | 8   | RUHD-SEEP-SN8A3      |
| ON SEMICONDUCT | Serial PROM | CAT34C02VP2xxxx      | TDFN(2x3mm)    | 8   | RUHD-SEEP-SN8A7      |
| ON SEMICONDUCT | Serial PROM | CAV24C04Yx-xxx       | TSSOP(4.4mm)   | 8   | UHD-SEEP-SS8         |
| ON SEMICONDUCT | MPU/MCU     | FAN251015            | MLP(5x7mm)     | 34  | UHD-FAN2510XX-ML34   |
| ON SEMICONDUCT | MPU/MCU     | FAN251030            | MLP(5x7mm)     | 34  | UHD-FAN2510XX-ML34   |
| ON SEMICONDUCT | Serial PROM | N24C02UxTG           | USOP(2.3mm)    | 8   | UHD-SEEP-US8         |
| ON SEMICONDUCT | MPU/MCU     | NCV7685              | SSOP(3.9mm)    | 24  | UHD-NCV7685-SS24     |
| PANASONIC      | MPU/MCU     | MN101EF50D           | LQFP(14x14mm)  | 64  | UHD-MN101EF50D-LQ64  |
| PANASONIC      | MPU/MCU     | MN1M7AF02K           | HQFP(14x14mm)  | 100 | UHD-MN1M7AF02X-LQ100 |
| PHISON         | eMMC/eMCP   | PTE4A0SP-32GE        | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153       |
| PHISON         | eMMC/eMCP   | PTE4A0TE-32GI        | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153       |
| PHISON         | eMMC/eMCP   | PTE4A0TN-64GE        | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153       |
| PHISON         | eMMC/eMCP   | PTE7A0MI-16GX        | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153       |
| PHISON         | eMMC/eMCP   | PTE7ADTO-X28I        | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153       |
| PHISON         | eMMC/eMCP   | PTE8A0HR-X28E        | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153       |
| PHISON         | UFS         | PSUF31L17-B128SX/A/I | BGA(13x11.5mm) | 153 | UHD-UFS-BG153        |
| PUYA           | Serial PROM | P24C04C-TSx-xxx      | TSSOP(4.4mm)   | 8   | UHD-SEEP-SS8         |
| PUYA           | Serial PROM | P24C32C-TSx-xxx      | TSSOP(4.4mm)   | 8   | UHD-SEEP-SS8         |
| PUYA           | Serial PROM | P24CM02F-SSx-xxx     | SOP(3.9mm)     | 8   | UHD-SEEP-SO8         |
| PUYA           | Serial PROM | P25Q21Hx-SSx-xx      | SOP(3.9mm)     | 8   | UHD-SEEP-SO8         |
| PUYA           | Serial PROM | P25Q42L-SSx-xx       | SOP(3.9mm)     | 8   | UHD-SEEP-SO8         |
| PUYA           | Serial PROM | P25Q42L-UGx-xx       | USON(2x3mm)    | 8   | UHD-SEEP-SN8L        |
| PUYA           | Serial PROM | P25Q80L-UGx-xx       | USON(2x3mm)    | 8   | UHD-SEEP-SN8A3       |
| PUYA           | Serial PROM | PY25Q128HA-SUx-xx    | SOP(5.3mm)     | 8   | UHD-SEEP-SO8A        |
| PUYA           | Serial PROM | PY25Q128LA-SUx-xx    | SOP(5.3mm)     | 8   | UHD-SEEP-SO8A        |
| PUYA           | Serial PROM | PY25Q40HB-UXx-xx     | USON(3x2mm)    | 8   | UHD-SEEP-SN8A3       |
| RAMAXEL        | eMMC/eMCP   | RETMEDB128QBB        | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153       |
| RAMAXEL        | eMMC/eMCP   | RETMEDB32GSBB        | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153       |
| RAMAXEL        | eMMC/eMCP   | RETMEDB64GDBB        | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153       |
| REALTEK        | MPU/MCU     | ALC4030              | QFN(6x6mm)     | 48  | UHD-ALC4042-QN48A    |
| REALTEK        | MPU/MCU     | ALC4042              | QFN(6x6mm)     | 48  | UHD-ALC4042-QN48A    |
| REALTEK        | MPU/MCU     | ALC4050              | QFN(6x6mm)     | 48  | UHD-ALC4042-QN48A    |
| REALTEK        | MPU/MCU     | RTL8752CJF           | QFN(5x5mm)     | 40  | HD-RTL8752CJF-QN40   |
| REALTEK        | MPU/MCU     | RTS5439              | QFN(8x5mm)     | 52  | UHD-RTS5453-QN52     |
| REALTEK        | MPU/MCU     | RTS5442S             | QFN(6x6mm)     | 40  | UHD-RTS5442S-QN40    |
| REALTEK        | MPU/MCU     | RTS5450              | QFN(6.5x4.5mm) | 46  | UHD-RTS5450M-QN46    |
| REALTEK        | MPU/MCU     | RTS5450              | QFN(6.5x4.5mm) | 46  | UHD-RTS5450M-QN46B   |
| REALTEK        | MPU/MCU     | RTS5450              | QFN(6.5x4.5mm) | 46  | UHD-RTS5450M-QN46D   |
| REALTEK        | MPU/MCU     | RTS5450M             | QFN(6.5x4.5mm) | 46  | UHD-RTS5450M-QN46    |
| REALTEK        | MPU/MCU     | RTS5450M             | QFN(6.5x4.5mm) | 46  | UHD-RTS5450M-QN46B   |
| REALTEK        | MPU/MCU     | RTS5450M             | QFN(6.5x4.5mm) | 46  | UHD-RTS5450M-QN46D   |
| REALTEK        | MPU/MCU     | RTS5452H             | QFN(5x5mm)     | 40  | UHD-RTS5457V-QN40    |
| REALTEK        | MPU/MCU     | RTS5452H             | QFN(5x5mm)     | 40  | UHD-RTS5457V-QN40A   |
| REALTEK        | MPU/MCU     | RTS5452H             | QFN(5x5mm)     | 40  | UHD-RTS5457V-QN40B   |
| REALTEK        | MPU/MCU     | RTS5452P             | QFN(8x5mm)     | 52  | UHD-RTS5453-QN52     |
| REALTEK        | MPU/MCU     | RTS5452P-A           | QFN(8x5mm)     | 52  | UHD-RTS5453-QN52     |
| REALTEK        | MPU/MCU     | RTS5452W             | QFN(8x5mm)     | 52  | UHD-RTS5453-QN52     |
| REALTEK        | MPU/MCU     | RTS5453P             | QFN(8x5mm)     | 52  | UHD-RTS5453-QN52     |
| REALTEK        | MPU/MCU     | RTS5453P-28          | QFN(8x5mm)     | 52  | UHD-RTS5453-QN52AV2  |
| REALTEK        | MPU/MCU     | RTS5453P-A           | QFN(8x5mm)     | 52  | UHD-RTS5453-QN52     |
| REALTEK        | MPU/MCU     | RTS5453P-M           | QFN(8x5mm)     | 52  | UHD-RTS5453-QN52     |
| REALTEK        | MPU/MCU     | RTS5453P-VB          | QFN(8x5mm)     | 52  | UHD-RTS5453-QN52AV2  |
| REALTEK        | MPU/MCU     | RTS5453V             | QFN(7x7mm)     | 68  | UHD-RTS5458H-QN68A   |
| REALTEK        | MPU/MCU     | RTS5453V-VB          | QFN(7x7mm)     | 68  | UHD-RTS5458H-QN68A   |
| REALTEK        | MPU/MCU     | RTS5453W             | QFN(8x5mm)     | 52  | UHD-RTS5453-QN52     |
| REALTEK        | MPU/MCU     | RTS5456H             | QFN(5x5mm)     | 40  | UHD-RTS5457V-QN40    |
| REALTEK        | MPU/MCU     | RTS5456H             | QFN(5x5mm)     | 40  | UHD-RTS5457V-QN40A   |
| REALTEK        | MPU/MCU     | RTS5456H             | QFN(5x5mm)     | 40  | UHD-RTS5457V-QN40B   |
| REALTEK        | MPU/MCU     | RTS5456P[M]          | QFN(8x5mm)     | 52  | UHD-RTS5453-QN52     |

| MFR     | GROUP       | IC                   | PACKAGE        | PIN | Adapter                 |
|---------|-------------|----------------------|----------------|-----|-------------------------|
| REALTEK | MPU/MCU     | RTS5456P[W]          | QFN(8x5mm)     | 52  | UHD-RTS5453-QN52        |
| REALTEK | MPU/MCU     | RTS5457U             | QFN(4x4mm)     | 32  | UHD-RTS5452E-QN32       |
| REALTEK | MPU/MCU     | RTS5457U             | QFN(4x4mm)     | 32  | UHD-RTS5452E-QN32B      |
| REALTEK | MPU/MCU     | RTS5457U             | QFN(4x4mm)     | 32  | UHD-RTS5452E-QN32C      |
| REALTEK | MPU/MCU     | RTS5458H             | QFN(7x7mm)     | 68  | UHD-RTS5458H-QN68       |
| REALTEK | MPU/MCU     | RTS5458P[M]          | QFN(8x5mm)     | 52  | UHD-RTS5453-QN52        |
| REALTEK | MPU/MCU     | RTS5458P[W]          | QFN(8x5mm)     | 52  | UHD-RTS5453-QN52        |
| REALTEK | MPU/MCU     | RTS5458P-VB          | QFN(8x5mm)     | 52  | UHD-RTS5453-QN52AV2     |
| REALTEK | MPU/MCU     | RTS5459              | QFN(10x5mm)    | 66  | UHD-RTS5459-QN66        |
| REALTEK | MPU/MCU     | RTS5464              | QFN(9x5mm)     | 60  | UHD-RTS5464-QN60        |
| RENESAS | MPU/MCU     | ISL68127IRAZ         | QFN(6x6mm)     | 48  | UHD-ISL69138IRAZ-QN48   |
| RENESAS | MPU/MCU     | ISL68220IRAZ         | QFN(4x4mm)     | 32  | UHD-ISL69242IRAZ-QN32A  |
| RENESAS | MPU/MCU     | ISL68220IRAZ         | QFN(4x4mm)     | 32  | UHD-ISL69242IRAZ-QN32B  |
| RENESAS | MPU/MCU     | ISL68221IRAZ         | QFN(5x5mm)     | 40  | UHD-ISL68221-QN40       |
| RENESAS | MPU/MCU     | ISL68222IRAZ         | QFN(5x5mm)     | 40  | UHD-ISL68223IRAZ-QN40   |
| RENESAS | MPU/MCU     | ISL68223IRAZ[RevB]   | QFN(5x5mm)     | 40  | UHD-ISL68223IRAZ-QN40   |
| RENESAS | MPU/MCU     | ISL68225             | QFN(6x6mm)     | 52  | UHD-ISL69247IRAZ-QN52C  |
| RENESAS | MPU/MCU     | ISL68225             | QFN(6x6mm)     | 52  | UHD-ISL69247IRAZ-QN52D  |
| RENESAS | MPU/MCU     | ISL69144IRAZ         | TOFN(5x5mm)    | 40  | UHD-ISL69144-QN40       |
| RENESAS | MPU/MCU     | ISL69144IRBZ         | TOFN(5x5mm)    | 40  | UHD-ISL69144-QN40       |
| RENESAS | MPU/MCU     | ISL69222IRAZ[RevB]   | QFN(4x4mm)     | 32  | UHD-ISL69242IRAZ-QN32A  |
| RENESAS | MPU/MCU     | ISL69222IRAZ[RevB]   | QFN(4x4mm)     | 32  | UHD-ISL69242IRAZ-QN32B  |
| RENESAS | MPU/MCU     | ISL69225IRAZ[RevB]   | QFN(5x5mm)     | 40  | UHD-ISL68223IRAZ-QN40   |
| RENESAS | MPU/MCU     | ISL69225IRDZ         | QFN(5x5mm)     | 40  | UHD-ISL68223IRAZ-QN40   |
| RENESAS | MPU/MCU     | ISL69242IRAZ[RevB]   | QFN(4x4mm)     | 32  | UHD-ISL69242IRAZ-QN32A  |
| RENESAS | MPU/MCU     | ISL69242IRAZ[RevB]   | QFN(4x4mm)     | 32  | UHD-ISL69242IRAZ-QN32B  |
| RENESAS | MPU/MCU     | ISL69243IRAZ[RevB]   | QFN(4x4mm)     | 32  | UHD-ISL69243IRAZ-QN32   |
| RENESAS | MPU/MCU     | ISL69247IRAZ[RevB]   | QFN(6x6mm)     | 52  | UHD-ISL69247IRAZ-QN52C  |
| RENESAS | MPU/MCU     | ISL69247IRAZ[RevB]   | QFN(6x6mm)     | 52  | UHD-ISL69247IRAZ-QN52D  |
| RENESAS | MPU/MCU     | ISL69248IRAZ[RevB]   | QFN(7x7mm)     | 60  | UHD-ISL69248-QN60       |
| RENESAS | MPU/MCU     | ISL69256IRAZ[RevB]   | QFN(6x6mm)     | 52  | UHD-ISL69247IRAZ-QN52C  |
| RENESAS | MPU/MCU     | ISL69256IRAZ[RevB]   | QFN(6x6mm)     | 52  | UHD-ISL69247IRAZ-QN52D  |
| RENESAS | MPU/MCU     | ISL69259IRAZ[RevB]   | QFN(5x5mm)     | 40  | UHD-ISL69259IRAZ-QN40A  |
| RENESAS | MPU/MCU     | ISL69260IRAZ[Gen3]   | QFN(5x5mm)     | 40  | UHD-ISL69259IRAZ-QN40A  |
| RENESAS | MPU/MCU     | ISL69269IRAZ-T[RevB] | QFN(8x8mm)     | 68  | UHD-ISL69269-QN68B      |
| RENESAS | MPU/MCU     | R5F562N8BDFB         | QFP(20x20mm)   | 144 | HD-R5F56X/O-TQ144       |
| RENESAS | MPU/MCU     | R5F562TABxFP(Ser)    | LQFP(14x14mm)  | 100 | UHD-R5F562TXXX-LQ100AV2 |
| RENESAS | MPU/MCU     | R5F562TADxFP(Ser)    | LQFP(14x14mm)  | 100 | UHD-R5F562TXXX-LQ100AV2 |
| RENESAS | MPU/MCU     | R5F564MFCDFC         | LQFP(24x24mm)  | 176 | HD-R5F564MXXX-LQ176     |
| RENESAS | MPU/MCU     | R5F564MLCDFC         | LQFP(24x24mm)  | 176 | HD-R5F564MXXX-LQ176     |
| RENESAS | MPU/MCU     | R5F566NNxxFC         | LQFP(24x24mm)  | 176 | HD-R5F564MXXX-LQ176     |
| RENESAS | MPU/MCU     | R5F61634N50FPV       | QFP(14x14mm)   | 120 | HD-R5F6163X-TQ120       |
| RENESAS | MPU/MCU     | R7FA2E1A9xxNE        | QFN(7x7mm)     | 48  | UHD-R7FA2E1XXX-QN48     |
| RENESAS | MPU/MCU     | R7FA2E2A3xxNK        | QFN(4x4mm)     | 24  | UHD-R7FA2E2XXX-QN24     |
| RENESAS | MPU/MCU     | R7FA2E2A5xxNK        | QFN(4x4mm)     | 24  | UHD-R7FA2E2XXX-QN24     |
| RENESAS | MPU/MCU     | R7FA2E2A7xxNJ        | QFN(4x4mm)     | 20  | UHD-R7FA2E2XXX-QN20     |
| RENESAS | MPU/MCU     | R7FA2L1ABxxFP        | LQFP(14x14mm)  | 100 | UHD-R7FA2L1XXX-LQ100    |
| RENESAS | MPU/MCU     | R7FA4M2xCxxFP        | LQFP(14x14mm)  | 100 | UHD-R7FA6T1XXX-LQ100    |
| RENESAS | MPU/MCU     | R7FS7G27HxA01C       | BGA(13x13mm)   | 176 | UHD-R7FA6M3XXX-BG176    |
| RENESAS | MPU/MCU     | RAA228004GNP[RevB]   | QFN(6x6mm)     | 52  | UHD-ISL69247IRAZ-QN52C  |
| RENESAS | MPU/MCU     | RAA228004GNP[RevB]   | QFN(6x6mm)     | 52  | UHD-ISL69247IRAZ-QN52D  |
| RENESAS | MPU/MCU     | RAA228006GNP[RevB]   | QFN(7x7mm)     | 60  | UHD-RAA228006-QN60      |
| RENESAS | MPU/MCU     | RAA228228GNP         | QFN(8x8mm)     | 68  | UHD-RAA228228-QN68      |
| RENESAS | MPU/MCU     | RAA228234            | QFN(5x5mm)     | 40  | UHD-ISL69259IRAZ-QN40A  |
| RENESAS | MPU/MCU     | RAA228236            | QFN(6x6mm)     | 48  | UHD-RAA229126-QN48      |
| RENESAS | MPU/MCU     | RAA228236            | QFN(6x6mm)     | 48  | UHD-RAA229126-QN48A     |
| RENESAS | MPU/MCU     | RAA228929            | QFN(6x6mm)     | 48  | UHD-RAA229126-QN48      |
| RENESAS | MPU/MCU     | RAA228929            | QFN(6x6mm)     | 48  | UHD-RAA229126-QN48A     |
| RENESAS | MPU/MCU     | RAA228930            | QFN(5x5mm)     | 40  | UHD-ISL69259IRAZ-QN40A  |
| RENESAS | MPU/MCU     | RAA228932            | QFN(7x7mm)     | 56  | UHD-RAA228928-QN56      |
| RENESAS | MPU/MCU     | RAA229001GNP[RevB]   | QFN(6x6mm)     | 48  | UHD-RAA229001-QN48      |
| RENESAS | MPU/MCU     | RAA229004GNP[RevB]   | QFN(6x6mm)     | 48  | UHD-RAA229001-QN48      |
| RENESAS | MPU/MCU     | RAA229126GNP[Gen3]   | QFN(6x6mm)     | 48  | UHD-RAA229126-QN48      |
| RENESAS | MPU/MCU     | RAA229126GNP[Gen3]   | QFN(6x6mm)     | 48  | UHD-RAA229126-QN48A     |
| RENESAS | MPU/MCU     | RAA229325            | QFN(6x6mm)     | 48  | UHD-RAA229325-QN48      |
| RENESAS | MPU/MCU     | RAA229425[RevB]      | QFN(5x5mm)     | 40  | UHD-ISL69259IRAZ-QN40A  |
| RENESAS | MPU/MCU     | RAA229426[RevB]      | QFN(6x6mm)     | 48  | UHD-RAA229126-QN48      |
| RENESAS | MPU/MCU     | RAA229426[RevB]      | QFN(6x6mm)     | 48  | UHD-RAA229126-QN48A     |
| RENESAS | MPU/MCU     | RAA229620            | QFN(6x6mm)     | 48  | UHD-RAA229126-QN48      |
| RENESAS | MPU/MCU     | RAA229620            | QFN(6x6mm)     | 48  | UHD-RAA229126-QN48A     |
| RENESAS | MPU/MCU     | RAA229621            | QFN(5x5mm)     | 40  | UHD-ISL69259IRAZ-QN40A  |
| RENESAS | MPU/MCU     | RAA229631            | QFN(5x5mm)     | 40  | UHD-RAA229631-QN40      |
| RENESAS | MPU/MCU     | RAA229638            | QFN(8x8mm)     | 68  | UHD-RAA228228-QN68      |
| RENESAS | MPU/MCU     | RAA229744[RevA]      | QFN(5x5mm)     | 40  | UHD-ISL69259IRAZ-QN40A  |
| RENESAS | MPU/MCU     | SPD5118              | DFN(2x3mm)     | 8   | UHD-SPD5108-DN8         |
| RENESAS | MPU/MCU     | SPD5118              | DFN(2x3mm)     | 8   | UHD-SPD5108-DN8A        |
| ROHM    | MPU/MCU     | BD64070MUV           | QFN(6x6mm)     | 40  | UHD-BD64070-QN40        |
| ROHM    | MPU/MCU     | BM64071MUV           | QFN(5x5mm)     | 32  | UHD-BM64072-QN32        |
| ROHM    | Serial PROM | BR24G08FJ-xxxxx      | SOP(3.9mm)     | 8   | UHD-SEEP-SO8            |
| ROHM    | Serial PROM | BR24L04FV-xxx        | SSOP(4.4mm)    | 8   | UHD-SEEP-SS8            |
| ROHM    | Serial PROM | BR34E02NXX-xxx       | VSON(2x3mm)    | 8   | RUHD-SEEP-SN8A3         |
| ROHM    | Serial PROM | BR34E02NXX-xxx       | VSON(2x3mm)    | 8   | RUHD-SEEP-SN8A7         |
| SAMSUNG | eMMC/eMCP   | KLM4G1FETE-B041      | BGA(11x10mm)   | 153 | UHD-EMMC-BG153B         |
| SAMSUNG | eMMC/eMCP   | KLM8G1GETF-B041      | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153          |
| SAMSUNG | eMMC/eMCP   | KLM8G1GEUF-B04P      | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153          |

| MFR          | GROUP     | IC              | PACKAGE        | PIN | Adapter             |
|--------------|-----------|-----------------|----------------|-----|---------------------|
| SAMSUNG      | eMMC/eMCP | KLM8G1GEUF-B04Q | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153      |
| SAMSUNG      | eMMC/eMCP | KLMAG2GEUF-B04Q | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153      |
| SAMSUNG      | eMMC/eMCP | KLMBG2JETD-B041 | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153      |
| SAMSUNG      | eMMC/eMCP | KLMBG4GEUF-B04P | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153      |
| SAMSUNG      | eMMC/eMCP | KLMBG4GEUF-B04Q | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153      |
| SAMSUNG      | eMMC/eMCP | KLMCG2KCTA-B041 | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153      |
| SAMSUNG      | eMMC/eMCP | KLMCG2UCTB-B041 | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153      |
| SAMSUNG      | eMMC/eMCP | KLMCG4JETD-B041 | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153      |
| SAMSUNG      | eMMC/eMCP | KLMCG4JEUD-B04P | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153      |
| SAMSUNG      | eMMC/eMCP | KLMCG4JEUD-B04Q | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153      |
| SAMSUNG      | eMMC/eMCP | KLMDG4UCTA-B041 | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153      |
| SAMSUNG      | eMMC/eMCP | KLMDG4UCTB-B041 | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153      |
| SAMSUNG      | eMMC/eMCP | KLMDG8JEUD-B04Q | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153      |
| SAMSUNG      | eMMC/eMCP | KMDC6001DM-B625 | BGA(13x11.5mm) | 254 | UHD-EMCP-BG254      |
| SAMSUNG      | UFS       | KLUBG4G1CE-B0B1 | BGA(13x11.5mm) | 153 | UHD-UFS-BG153       |
| SAMSUNG      | UFS       | KLUCG1R1JF-B0F1 | BGA(13x11.5mm) | 153 | UHD-UFS-BG153       |
| SAMSUNG      | UFS       | KLUCG2U1DC-B0F1 | BGA(13x11.5mm) | 153 | UHD-UFS-BG153       |
| SAMSUNG      | UFS       | KLUCG4J1CB-B0B1 | BGA(13x11.5mm) | 153 | UHD-UFS-BG153       |
| SAMSUNG      | UFS       | KLUCG4J1ED-B0C1 | BGA(13x11.5mm) | 153 | UHD-UFS-BG153       |
| SAMSUNG      | UFS       | KLUCG4J1ZD-B0CQ | BGA(13x11.5mm) | 153 | UHD-UFS-BG153       |
| SAMSUNG      | UFS       | KLUCG4J1ZD-C0CQ | BGA(13x11.5mm) | 153 | UHD-UFS-BG153       |
| SAMSUNG      | UFS       | KLUDG2R1DE-B0F1 | BGA(13x11.5mm) | 153 | UHD-UFS-BG153       |
| SAMSUNG      | UFS       | KLUDG2R1JF-B0F1 | BGA(13x11.5mm) | 153 | UHD-UFS-BG153       |
| SAMSUNG      | UFS       | KLUDG4U1YB-B0CP | BGA(13x11.5mm) | 153 | UHD-UFS-BG153       |
| SAMSUNG      | UFS       | KLUDG4UHDB-B2E1 | BGA(13x11.5mm) | 153 | UHD-UFS-BG153       |
| SAMSUNG      | UFS       | KLUDG4UHDC-B0E1 | BGA(13x11.5mm) | 153 | UHD-UFS-BG153       |
| SAMSUNG      | UFS       | KLUDG4UHGC-B0E1 | BGA(13x11mm)   | 153 | UHD-UFS-BG153B      |
| SAMSUNG      | UFS       | KLUDG4UHYB-B0EP | BGA(13x11.5mm) | 153 | UHD-UFS-BG153       |
| SAMSUNG      | UFS       | KLUDG4UHYB-B0EQ | BGA(13x11.5mm) | 153 | UHD-UFS-BG153       |
| SAMSUNG      | UFS       | KLUDG8J1CB-B0B1 | BGA(13x11.5mm) | 153 | UHD-UFS-BG153       |
| SAMSUNG      | UFS       | KLUDG8J1ZD-B0CQ | BGA(13x11.5mm) | 153 | UHD-UFS-BG153       |
| SAMSUNG      | UFS       | KLUDG8J1ZD-C0CP | BGA(13x11.5mm) | 153 | UHD-UFS-BG153       |
| SAMSUNG      | UFS       | KLUDG8J1ZD-C0CQ | BGA(13x11.5mm) | 153 | UHD-UFS-BG153       |
| SAMSUNG      | UFS       | KLUDG8V1EE-B0C1 | BGA(13x11.5mm) | 153 | UHD-UFS-BG153       |
| SAMSUNG      | UFS       | KLUEG4R1DE-B0F1 | BGA(13x11.5mm) | 153 | UHD-UFS-BG153       |
| SAMSUNG      | UFS       | KLUEG4RHGB-B0E1 | BGA(13x11mm)   | 153 | UHD-UFS-BG153B      |
| SAMSUNG      | UFS       | KLUEG4RHHD-B0G1 | BGA(13x11mm)   | 153 | UHD-UFS-BG153B      |
| SAMSUNG      | UFS       | KLUEG8U1YB-B0CP | BGA(13x11.5mm) | 153 | UHD-UFS-BG153       |
| SAMSUNG      | UFS       | KLUEG8UHDB-C2D1 | BGA(13x11.5mm) | 153 | UHD-UFS-BG153       |
| SAMSUNG      | UFS       | KLUEG8UHDB-C2E1 | BGA(13x11.5mm) | 153 | UHD-UFS-BG153       |
| SAMSUNG      | UFS       | KLUEG8UHDC-B0E1 | BGA(13x11.5mm) | 153 | UHD-UFS-BG153       |
| SAMSUNG      | UFS       | KLUEG8UHGC-B0E1 | BGA(13x11mm)   | 153 | UHD-UFS-BG153B      |
| SAMSUNG      | UFS       | KLUEG8UHYB-B0EQ | BGA(13x11.5mm) | 153 | UHD-UFS-BG153       |
| SAMSUNG      | UFS       | KLUEGAJ1ZD-B0CQ | BGA(13x11.5mm) | 153 | UHD-UFS-BG153       |
| SAMSUNG      | UFS       | KLUEGAJ1ZD-C0CQ | BGA(13x11.5mm) | 153 | UHD-UFS-BG153       |
| SAMSUNG      | UFS       | KLUFG8RHDA-B2D1 | BGA(13x11.5mm) | 153 | UHD-UFS-BG153       |
| SAMSUNG      | UFS       | KLUFG8RHGB-B0E1 | BGA(13x11mm)   | 153 | UHD-UFS-BG153B      |
| SAMSUNG      | UFS       | KLUFG8RHHD-B0G1 | BGA(13x11mm)   | 153 | UHD-UFS-BG153B      |
| SAMSUNG      | UFS       | KLUGG8NHJB-B0E1 | BGA(13x11mm)   | 153 | UHD-UFS-BG153B      |
| SAMSUNG      | UFS       | KLUGGARHDA-B0D1 | BGA(13x11.5mm) | 153 | UHD-UFS-BG153       |
| SAMSUNG      | UFS       | KM2B8001CM-BB01 | BGA(13x11.5mm) | 254 | UHD-UFS-BG254       |
| SAMSUNG      | UFS       | KM5P8001DM-B424 | BGA(13x11.5mm) | 254 | UHD-UFS-BG254       |
| SAMSUNG      | UFS       | KM5P9001DM-B424 | BGA(13x11.5mm) | 254 | UHD-UFS-BG254       |
| SAMSUNG      | UFS       | KM5V8001DM-B622 | BGA(13x11.5mm) | 254 | UHD-UFS-BG254       |
| SAMSUNG      | UFS       | KM5V8001DM-B622 | BGA(13x11.5mm) | 254 | UHD-UFS-BG254       |
| SAMSUNG      | UFS       | KM8L9001JM-B624 | BGA(13x11.5mm) | 254 | UHD-UFS-BG254       |
| SAMSUNG      | UFS       | KM8V9001JM-B813 | BGA(13x11.5mm) | 254 | UHD-UFS-BG254       |
| SANDISK      | eMMC/eMCP | SDINBDA2-16G    | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153      |
| SANDISK      | eMMC/eMCP | SDINBDA4-128G   | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153      |
| SANDISK      | eMMC/eMCP | SDINBDA4-256G   | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153      |
| SANDISK      | eMMC/eMCP | SDINBDA4-32G    | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153      |
| SANDISK      | eMMC/eMCP | SDINBDA4-64G    | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153      |
| SANDISK      | eMMC/eMCP | SDINBDG4-16G    | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153      |
| SANDISK      | eMMC/eMCP | SDINBDI4-64G    | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153      |
| SANDISK      | eMMC/eMCP | SDINBDV4-128    | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153      |
| SANDISK      | eMMC/eMCP | SDINBDV4-32G    | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153      |
| SANDISK      | eMMC/eMCP | SDINBDV4-64G    | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153      |
| SANDISK      | UFS       | SDINDDH6-128G   | BGA(13x11.5mm) | 153 | UHD-UFS-BG153       |
| SANDISK      | UFS       | SDINDDH6-256G   | BGA(13x11.5mm) | 153 | UHD-UFS-BG153       |
| SANDISK      | UFS       | SDINDDH6-64G    | BGA(13x11.5mm) | 153 | UHD-UFS-BG153       |
| SEMICO       | MPU/MCU   | CS53P90AGO      | SOP(3.9mm)     | 16  | UHD-CS53P90-SO16    |
| SILICON LABS | MPU/MCU   | C8051F330-GM    | QFN(4x4mm)     | 20  | HD-C8051F33X/O-QN20 |
| SILICON LABS | MPU/MCU   | C8051F342-GQ    | LQFP(7x7mm)    | 32  | HD-C8051TF/O-QF32   |
| SILICON LABS | MPU/MCU   | C8051F411-GM    | QFN(5x5mm)     | 28  | UHD-C8051F413-QN28  |
| SILICON LABS | MPU/MCU   | EFM8BB10F8G-x   | QFN(3x3mm)     | 20  | UHD-EFM8BB10-QN20A  |
| SILICON LABS | MPU/MCU   | EFM8BB10F8G-x   | QFN(3x3mm)     | 20  | UHD-EFM8BB10-QN20B  |
| SILICON LABS | MPU/MCU   | EFM8BB10F8G-x   | QFN(3x3mm)     | 20  | UHD-EFM8BB10-QN20C  |
| SILICON LABS | MPU/MCU   | EFM8BB31F16A-x  | QFN(5x5mm)     | 32  | UHD-EFM8LB12-QN32A  |
| SILICON LABS | MPU/MCU   | EFM8BB31F16G-x  | QFN(4x4mm)     | 32  | UHD-EFM8LB12-QN32   |
| SILICON LABS | MPU/MCU   | EFM8BB31F16G-x  | QFN(5x5mm)     | 32  | UHD-EFM8LB12-QN32A  |
| SILICON LABS | MPU/MCU   | EFM8BB51F8x-x   | QFN(3x3mm)     | 20  | UHD-EFM8BB10-QN20A  |
| SILICON LABS | MPU/MCU   | EFM8BB51F8x-x   | QFN(3x3mm)     | 20  | UHD-EFM8BB10-QN20B  |
| SILICON LABS | MPU/MCU   | EFM8BB51F8x-x   | QFN(3x3mm)     | 20  | UHD-EFM8BB10-QN20C  |
| SILICON LABS | MPU/MCU   | EFM8LB12F32E-x  | QFN(3x3mm)     | 24  | UHD-EFM8BB31F-QN24  |
| SILICON LABS | MPU/MCU   | EFM8SB10F8G-x   | QFN(3x3mm)     | 20  | UHD-EFM8BB10-QN20   |

| MFR          | GROUP          | IC                       | PACKAGE               | PIN | Adapter            |
|--------------|----------------|--------------------------|-----------------------|-----|--------------------|
| SILICON LABS | MPU/MCU        | EFM8SB10F8G-x            | QFN(3x3mm)            | 20  | UHD-EFM8BB10-QN20A |
| SILICON LABS | MPU/MCU        | EFM8SB10F8G-x            | QFN(3x3mm)            | 20  | UHD-EFM8BB10-QN20B |
| SILICON LABS | MPU/MCU        | EFM8SB10F8G-x            | QFN(3x3mm)            | 20  | UHD-EFM8BB10-QN20C |
| SK HYNIX     | UFS            | H28U64222MMR             | BGA(13x11.5mm)        | 153 | UHD-UFS-BG153      |
| SK HYNIX     | UFS            | H28U74303AMR             | BGA(13x11.5mm)        | 153 | UHD-UFS-BG153      |
| SK HYNIX     | UFS            | H28U88301AMR             | BGA(13x11.5mm)        | 153 | UHD-UFS-BG153      |
| SK HYNIX     | UFS            | H9QT0G6CN6X146           | BGA(13x11.5mm)        | 254 | UHD-UFS-BG254      |
| SK HYNIX     | UFS            | HN8G962EHKX037           | BGA(13x11.5mm)        | 153 | UHD-UFS-BG153      |
| SK HYNIX     | UFS            | HN8T05BZGKX015           | BGA(13x11.5mm)        | 153 | UHD-UFS-BG153      |
| SK HYNIX     | UFS            | HN8T05DEHKX073           | BGA(13x11mm)          | 153 | UHD-UFS-BG153B     |
| SK HYNIX     | UFS            | HN8T05DJHQX105           | BGA(13x11.5mm)        | 153 | UHD-UFS-BG153      |
| SK HYNIX     | UFS            | HN8T062EHKX039           | BGA(13x11.5mm)        | 153 | UHD-UFS-BG153      |
| SK HYNIX     | UFS            | HN8T15BZGKX016           | BGA(13x11.5mm)        | 153 | UHD-UFS-BG153      |
| SK HYNIX     | UFS            | HN8T15DEHKX075           | BGA(13x11mm)          | 153 | UHD-UFS-BG153B     |
| SK HYNIX     | UFS            | HN8T15DJHQX109           | BGA(13x11.5mm)        | 153 | UHD-UFS-BG153      |
| SK HYNIX     | UFS            | HN8T162EHKX041           | BGA(13x11.5mm)        | 153 | UHD-UFS-BG153      |
| SK HYNIX     | UFS            | HN8T25BZGKX017           | BGA(13x11.5mm)        | 153 | UHD-UFS-BG153      |
| SK HYNIX     | UFS            | HN8T25DEHKX077           | BGA(13x11mm)          | 153 | UHD-UFS-BG153B     |
| SK HYNIX     | UFS            | HN8T35DZHKX079           | BGA(13x11mm)          | 153 | UHD-UFS-BG153B     |
| SKHYNIX      | NAND FLASH     | H27U1G8F2BTx-xx          | TSOP(12x20mm)         | 48  | UHD-NAND-TS48      |
| SKHYNIX      | NAND FLASH     | H27U2G8F2CTx-xx          | TSOP(12x20mm)         | 48  | UHD-NAND-TS48V2    |
| SKYHIGH      | NAND FLASH     | S34ML02G200Bxx00x        | BGA(11x9mm)           | 63  | UHD-NAND-BG63A     |
| SKYHIGH      | NAND FLASH     | S34ML02G300Bxx00x        | BGA(11x9mm)           | 63  | UHD-NAND-BG63A     |
| SKYHIGH      | NAND FLASH     | S34ML04G300BHx00x        | BGA(11x9mm)           | 63  | UHD-NAND-BG63A     |
| SKYHIGH      | NAND FLASH     | S34ML04G300Tx00x         | TSOP(12x20mm)         | 48  | UHD-NAND-TS48V2    |
| SKYHIGH      | NAND FLASH     | S34ML04G300Tx10x         | TSOP(12x20mm)         | 48  | UHD-NAND-TS48V2    |
| SKYHIGH      | NAND FLASH     | S34ML08G101Tx00x         | TSOP(12x20mm)         | 48  | UHD-NAND-TS48V2    |
| SKYHIGH      | NAND FLASH     | S34MS02G100Bxx00x        | BGA(11x9mm)           | 63  | UHD-NAND-BG63A     |
| SKYHIGH      | NAND FLASH     | S35ML01G300Wxx01x(enECC) | LGA(6x8mm)            | 8   | UHD-SEEP-SN8C      |
| SPANSION     | Serial PROM    | S25FL032PxxMxx01x        | SOP(5.3mm)            | 8   | UHD-SEEP-SO8A      |
| SPANSION     | Serial PROM    | S25FL128PxxMxx01x        | SOP(7.5mm)            | 16  | UHD-SEEP-SO16      |
| SPANSION     | Serial PROM    | S25FL128PxxNxx01x        | WSOP(6x8mm)           | 8   | UHD-SEEP-SN8C      |
| SPANSION     | Serial PROM    | S25FL512SAGBxx31x        | BGA(8x6mm,6x4 ball)   | 24  | UHD-SEEP-BG24      |
| SPANSION     | Serial PROM    | S25FL512SAGBxxA1x        | BGA(8x6mm,5x5-1 ball) | 24  | UHD-SEEP-BG24A     |
| SPANSION     | Serial PROM    | S25FS128SAGNxx10x        | WSOP(5x6mm)           | 8   | UHD-SEEP-SN8B      |
| SPANSION     | Serial PROM    | S25FS256SAGMxx00x        | SOP(7.5mm)            | 16  | UHD-SEEP-SO16      |
| SPANSION     | EEPROM/FLASH/N | S29AL004D-TF-02          | TSOP(12x20mm)         | 48  | UHD-FLASH-TS48     |
| SPANSION     | EEPROM/FLASH/N | S29GL01GS-TF-01          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56A    |
| SPANSION     | EEPROM/FLASH/N | S29GL01GS-TF-01          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56C    |
| SPANSION     | EEPROM/FLASH/N | S29GL032N-TF-04          | TSOP(12x20mm)         | 48  | UHD-FLASH-TS48     |
| SPANSION     | EEPROM/FLASH/N | S29GL064N-TF-01          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56A    |
| SPANSION     | EEPROM/FLASH/N | S29GL064N-TF-01          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56C    |
| SPANSION     | EEPROM/FLASH/N | S29GL064N-TF-02          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56A    |
| SPANSION     | EEPROM/FLASH/N | S29GL064N-TF-02          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56C    |
| SPANSION     | EEPROM/FLASH/N | S29GL064N-TF-04          | TSOP(12x20mm)         | 48  | UHD-FLASH-TS48     |
| SPANSION     | EEPROM/FLASH/N | S29GL128P-TF-01          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56A    |
| SPANSION     | EEPROM/FLASH/N | S29GL128P-TF-01          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56C    |
| SPANSION     | EEPROM/FLASH/N | S29GL128P-TF-02          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56A    |
| SPANSION     | EEPROM/FLASH/N | S29GL128P-TF-02          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56C    |
| SPANSION     | EEPROM/FLASH/N | S29GL128P-TF-V1          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56A    |
| SPANSION     | EEPROM/FLASH/N | S29GL128P-TF-V1          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56C    |
| SPANSION     | EEPROM/FLASH/N | S29GL128P-TF-V2          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56A    |
| SPANSION     | EEPROM/FLASH/N | S29GL128P-TF-V2          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56C    |
| SPANSION     | EEPROM/FLASH/N | S29GL128S-FH-01          | BGA(13x11mm)          | 64  | UHD-FLASH-BG64C    |
| SPANSION     | EEPROM/FLASH/N | S29GL128S-TF-01          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56A    |
| SPANSION     | EEPROM/FLASH/N | S29GL128S-TF-01          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56C    |
| SPANSION     | EEPROM/FLASH/N | S29GL128S-TF-02          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56A    |
| SPANSION     | EEPROM/FLASH/N | S29GL128S-TF-02          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56C    |
| SPANSION     | EEPROM/FLASH/N | S29GL128S-TF-V1          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56A    |
| SPANSION     | EEPROM/FLASH/N | S29GL128S-TF-V1          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56C    |
| SPANSION     | EEPROM/FLASH/N | S29GL128S-TF-V2          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56A    |
| SPANSION     | EEPROM/FLASH/N | S29GL128S-TF-V2          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56C    |
| SPANSION     | EEPROM/FLASH/N | S29GL256P-TF-01          | BGA(13x11mm)          | 64  | UHD-FLASH-BG64C    |
| SPANSION     | EEPROM/FLASH/N | S29GL256P-TF-01          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56A    |
| SPANSION     | EEPROM/FLASH/N | S29GL256P-TF-01          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56C    |
| SPANSION     | EEPROM/FLASH/N | S29GL256P-TF-02          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56A    |
| SPANSION     | EEPROM/FLASH/N | S29GL256P-TF-02          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56C    |
| SPANSION     | EEPROM/FLASH/N | S29GL256P-TF-V2          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56A    |
| SPANSION     | EEPROM/FLASH/N | S29GL256P-TF-V2          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56C    |
| SPANSION     | EEPROM/FLASH/N | S29GL256S-DH-V1          | BGA(9x9mm)            | 64  | UHD-FLASH-BG64A    |
| SPANSION     | EEPROM/FLASH/N | S29GL256S-TF-01          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56A    |
| SPANSION     | EEPROM/FLASH/N | S29GL256S-TF-01          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56C    |
| SPANSION     | EEPROM/FLASH/N | S29GL256S-TF-02          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56A    |
| SPANSION     | EEPROM/FLASH/N | S29GL256S-TF-02          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56C    |
| SPANSION     | EEPROM/FLASH/N | S29GL256S-TF-V1          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56A    |
| SPANSION     | EEPROM/FLASH/N | S29GL256S-TF-V1          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56C    |
| SPANSION     | EEPROM/FLASH/N | S29GL256S-TF-V2          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56A    |
| SPANSION     | EEPROM/FLASH/N | S29GL256S-TF-V2          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56C    |
| SPANSION     | EEPROM/FLASH/N | S29GL512S-TF-01          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56A    |
| SPANSION     | EEPROM/FLASH/N | S29GL512S-TF-01          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56C    |
| SPANSION     | EEPROM/FLASH/N | S29GL512S-TF-02          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56A    |
| SPANSION     | EEPROM/FLASH/N | S29GL512S-TF-02          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56C    |
| SPANSION     | EEPROM/FLASH/N | S29GL512S-TF-V1          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56A    |
| SPANSION     | EEPROM/FLASH/N | S29GL512S-TF-V1          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56C    |
| SPANSION     | EEPROM/FLASH/N | S29GL512S-TF-V2          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56A    |
| SPANSION     | EEPROM/FLASH/N | S29GL512S-TF-V2          | TSOP(14x20mm)         | 56  | UHD-FLASH-TS56C    |

| MFR      | GROUP          | IC                     | PACKAGE            | PIN | Adapter                  |
|----------|----------------|------------------------|--------------------|-----|--------------------------|
| SPANSION | EEPROM/FLASH/N | S29GL512S-TF-V2        | TSOP(14x20mm)      | 56  | UHD-FLASH-TS56C          |
| SPANSION | NAND FLASH     | S34ML01G200Bxx00x      | BGA(11x9mm)        | 63  | UHD-NAND-BG63A           |
| SPANSION | NAND FLASH     | S34ML01G200Txx00x      | TSOP(12x20mm)      | 48  | UHD-NAND-TS48            |
| SPANSION | NAND FLASH     | S34ML01G200Txx90x      | TSOP(12x20mm)      | 48  | UHD-NAND-TS48            |
| SPANSION | NAND FLASH     | S34ML02G200Txx00x      | TSOP(12x20mm)      | 48  | UHD-NAND-TS48V2          |
| SPANSION | NAND FLASH     | S34ML04G100Bxx00x      | FBGA(11x9mm)       | 63  | UHD-NAND-BG63A           |
| SPANSION | NAND FLASH     | S34ML04G200Txx00x      | TSOP(12x20mm)      | 48  | UHD-NAND-TS48            |
| SPANSION | NAND FLASH     | S34ML08G201Txx00x      | TSOP(12x20mm)      | 48  | UHD-NAND-TS48            |
| SPANSION | NAND FLASH     | S34MS02G200Bxx00x      | BGA(11x9mm)        | 63  | UHD-NAND-BG63A           |
| SPANSION | EEPROM/FLASH/N | S70GL02GS-FH-01        | BGA(13x11mm)       | 64  | UHD-FLASH-BG64C          |
| SPANSION | EEPROM/FLASH/N | S70GL02GS-FH-V1        | BGA(13x11mm)       | 64  | UHD-FLASH-BG64C          |
| SPECTEK  | UFS            | SMVJG9KZZAD9FQFSM-UT   | BGA(13x11.5mm)     | 254 | UHD-UFS-BG254            |
| SST      | Serial PROM    | SST25VF040B-xx-xx-QAx  | WSOP(5x6mm)        | 8   | UHD-SEEP-SN8B            |
| SST      | Serial PROM    | SST25VF040B-xx-xx-S2Ax | SOP(5.3mm)         | 8   | UHD-SEEP-SO8A            |
| SST      | Serial PROM    | SST25VF040B-xx-xx-SAxx | SOP(3.9mm)         | 8   | UHD-SEEP-SO8             |
| SST      | Serial PROM    | SST26VF016Bx-xxx/SN    | SOP(3.9mm)         | 8   | UHD-SEEP-SO8             |
| SST      | Serial PROM    | SST26VF032Bx-xxx/SN    | SOP(5.3mm)         | 8   | UHD-SEEP-SO8A            |
| STM      | Serial PROM    | AT25128B-SSxx-x        | SOP(3.9mm)         | 8   | UHD-SEEP-SO8             |
| STM      | Serial PROM    | M24128-BxDWxxx         | TSSOP(4.4mm)       | 8   | UHD-SEEP-SS8             |
| STM      | Serial PROM    | M24128-BxMNxxx         | SOP(3.9mm)         | 8   | UHD-SEEP-SO8             |
| STM      | Serial PROM    | M24256-BxDWxxx         | TSSOP(4.4mm)       | 8   | UHD-SEEP-SS8             |
| STM      | Serial PROM    | M24256-BxMCxxx         | UFDFPN(2x3mm)      | 8   | UHD-SEEP-SN8A3           |
| STM      | Serial PROM    | M24256-BxMNxxx         | SOP(3.9mm)         | 8   | UHD-SEEP-SO8             |
| STM      | Serial PROM    | M24C02-DxMNxxx/x       | SOP(3.9mm)         | 8   | UHD-SEEP-SO8             |
| STM      | Serial PROM    | M24C02-xDWxxx          | TSSOP(4.4mm)       | 8   | UHD-SEEP-SS8             |
| STM      | Serial PROM    | M24C02-xMCxxx          | DFN(2x3mm)         | 8   | UHD-SEEP-SN8A3           |
| STM      | Serial PROM    | M24C02-xMNxxx          | SOP(3.9mm)         | 8   | UHD-SEEP-SO8             |
| STM      | Serial PROM    | M24C08-xMCxxx          | DFN(2x3mm)         | 8   | UHD-SEEP-SN8A3           |
| STM      | Serial PROM    | M25P128-VMExxx         | WSOP(6x8mm)        | 8   | UHD-SEEP-SN8C            |
| STM      | Serial PROM    | M25P128-VMFxxx         | SOP(7.5mm)         | 16  | UHD-SEEP-SO16            |
| STM      | Serial PROM    | M25P80-VMNxxx          | SOP(3.9mm)         | 8   | UHD-SEEP-SO8             |
| STM      | Serial PROM    | M25P80-VMWxxx          | SOP(5.3mm)         | 8   | UHD-SEEP-SO8A            |
| STM      | Serial PROM    | M34C64-UxMNxxx         | SOP(3.9mm)         | 8   | UHD-SEEP-SO8             |
| STM      | Serial PROM    | M45PE20-VMNxxx         | SOP(3.9mm)         | 8   | UHD-AT45DB-SO8           |
| STM      | Serial PROM    | M95128-DFDWxxx         | TSSOP(4.4mm)       | 8   | UHD-SEEP-SS8             |
| STM      | Serial PROM    | M95128-RMNxx           | SOP(3.9mm)         | 8   | UHD-SEEP-SO8             |
| STM      | Serial PROM    | M95128-WMNxx           | SOP(3.9mm)         | 8   | UHD-SEEP-SO8             |
| STM      | Serial PROM    | M95256-DRDWxxx         | TSSOP(4.4mm)       | 8   | UHD-SEEP-SS8             |
| STM      | Serial PROM    | M95256-DRMNxxx         | SOP(3.9mm)         | 8   | UHD-SEEP-SO8             |
| STM      | Serial PROM    | M95256-RDWxxx          | TSSOP(4.4mm)       | 8   | UHD-SEEP-SS8             |
| STM      | Serial PROM    | M95256-RMNxxx          | SOP(3.9mm)         | 8   | UHD-SEEP-SO8             |
| STM      | Serial PROM    | M95256-WDWxxx          | TSSOP(4.4mm)       | 8   | UHD-SEEP-SS8             |
| STM      | Serial PROM    | M95256-WMNxxx          | SOP(3.9mm)         | 8   | UHD-SEEP-SO8             |
| STM      | Serial PROM    | M95320-WMNxxx          | SOP(3.9mm)         | 8   | UHD-SEEP-SO8             |
| STM      | Serial PROM    | M95512-RMNxxx          | SOP(3.9mm)         | 8   | UHD-SEEP-SO8             |
| STM      | Serial PROM    | M95512-WMNxxx          | SOP(3.9mm)         | 8   | UHD-SEEP-SO8             |
| STM      | MPU/MCU        | PM6764                 | QFN(4x4mm)         | 28  | UHD-PM6764-QN28          |
| STM      | MPU/MCU        | PM6773                 | QFN(5x5mm)         | 40  | UHD-PM6773-QN40          |
| STM      | MPU/MCU        | PM6774                 | QFN(5x5mm)         | 40  | UHD-PM6773-QN40          |
| STM      | MPU/MCU        | PM6776                 | QFN(6x6mm)         | 48  | UHD-PM6776-QN48          |
| STM      | MPU/MCU        | PM6779                 | QFN(5x5mm)         | 40  | UHD-PM6779-QN40          |
| STM      | MPU/MCU        | STM32C011F4Px          | TSSOP(4.4mm)       | 20  | UHD-STM32G0XXF-TSS20     |
| STM      | MPU/MCU        | STM32C011F6Ux          | UFQFPN(3x3mm)      | 20  | UHD-STM32C011F-QN20      |
| STM      | MPU/MCU        | STM32C031G6Ux          | UFQFPN(4x4mm)      | 28  | UHD-STM32G0X1G-QN28A     |
| STM      | MPU/MCU        | STM32F030R8Tx          | LQFP(10x10mm)      | 64  | HD-STM32F10XR/O-QF64V5   |
| STM      | MPU/MCU        | STM32F070CBTx          | LQFP(7x7mm)        | 48  | HD-STM32F10XC-QF48V3     |
| STM      | MPU/MCU        | STM32F071VBHx          | UFBGA(7x7mm)       | 100 | UHD-STM32F09XV-BG100     |
| STM      | MPU/MCU        | STM32F098RCHx          | UFBGA(5x5mm)       | 64  | UHD-STM32F0XXR-BG64      |
| STM      | MPU/MCU        | STM32F101VCTx          | LQFP(14x14mm)      | 100 | HD-STM32F10XV/O-QF100V3A |
| STM      | MPU/MCU        | STM32F103VDHx          | LFBGA(10x10mm)     | 100 | UHD-STM32F10XV-BG100     |
| STM      | MPU/MCU        | STM32F205RBTx          | LQFP(10x10mm)      | 64  | HD-STM32F10XR/O-QF64V5   |
| STM      | MPU/MCU        | STM32F205RETx          | LQFP(10x10mm)      | 64  | HD-STM32F10XR/O-QF64V5   |
| STM      | MPU/MCU        | STM32F205VGTx          | LQFP(14x14mm)      | 100 | HD-STM32F10XV/O-QF100V3A |
| STM      | MPU/MCU        | STM32F207IGHx          | UFBGA(10x10mm)     | 176 | UHD-STM32F20XI-BG176     |
| STM      | MPU/MCU        | STM32F207VCTx          | LQFP(14x14mm)      | 100 | HD-STM32F10XV/O-QF100V3A |
| STM      | MPU/MCU        | STM32F207ZETx          | LQFP(20x20mm)      | 144 | UHD-STM32F10XZ-QF144A    |
| STM      | MPU/MCU        | STM32F401CEUx          | UFQFPN(7x7mm)      | 48  | UHD-STM32L10XC-QN48      |
| STM      | MPU/MCU        | STM32F401VETx          | LQFP(14x14mm)      | 100 | HD-STM32F10XV/O-QF100V3A |
| STM      | MPU/MCU        | STM32F413RGTx          | LQFP(10x10mm)      | 64  | HD-STM32F10XR/O-QF64V5   |
| STM      | MPU/MCU        | STM32F429NIHx          | BGA(13x13mm)       | 216 | UHD-STM32F42XN-BG216A    |
| STM      | MPU/MCU        | STM32F777NIHx          | TFBGA(13x13mm)     | 216 | UHD-STM32F42XN-BG216A    |
| STM      | MPU/MCU        | STM32G0B1KBUxN         | UFQFPN(5x5mm)      | 32  | UHD-STM32G0X1K-QN32AV2   |
| STM      | MPU/MCU        | STM32G0B1NEYx          | WLCSP(3.09x3.15mm) | 52  | UHD-STM32G0B1N-BG52      |
| STM      | MPU/MCU        | STM32H563ZITx          | LQFP(20x20mm)      | 144 | UHD-STM32H5XXZ-QF144     |
| STM      | MPU/MCU        | STM32H743XIHx          | TFBGA(14x14mm)     | 265 | UHD-STM32H75X-BG265A     |
| STM      | MPU/MCU        | STM32L072CZTx          | LQFP(7x7mm)        | 48  | HD-STM32F10XC-QF48V3     |
| STM      | MPU/MCU        | STM32U5A5ZJTxxQ        | LQFP(20x20mm)      | 144 | UHD-STM32U5X5ZQ-QF144    |
| STM      | MPU/MCU        | STM8L051F3P6           | TSSOP(4.4mm)       | 20  | UHD-STM8S003-TSS20       |
| STM      | MPU/MCU        | STM8L052C6Tx           | QFP(7x7mm)         | 48  | HD-STM8L052-QF48         |
| STM      | MPU/MCU        | STM8L151G6Ux           | QFN(4x4mm)         | 28  | UHD-STM8L-QN28           |
| STM      | MPU/MCU        | STM8S003F3Px           | SOP(4.4mm)         | 20  | UHD-STM8S003-TSS20       |
| STM      | MPU/MCU        | STM8S003K3Tx           | LQFP(7x7mm)        | 32  | UHD-STM8-LQ32            |
| STM      | MPU/MCU        | STM8S003K3Tx           | LQFP(7x7mm)        | 32  | UHD-STM8S003-QF32        |
| STM      | MPU/MCU        | STNRG328A              | VFQFPN32(5x5mm)    | 32  | UHD-STNRGXXXA-QN32       |
| TI       | MPU/MCU        | CC1110F32RHHx          | QFN(6x6mm)         | 36  | HD-CC251X/O-QN36         |

| MFR | GROUP   | IC                   | PACKAGE       | PIN | Adapter                  |
|-----|---------|----------------------|---------------|-----|--------------------------|
| TI  | MPU/MCU | CC2510F32RSP         | QFN(6x6mm)    | 36  | HD-CC251X/O-QN36         |
| TI  | MPU/MCU | CC2511F32RSP         | QFN(6x6mm)    | 36  | HD-CC251X/O-QN36         |
| TI  | MPU/MCU | CC2530F128RHAX       | VQFN(6x6mm)   | 40  | HD-CC2530-QN40           |
| TI  | MPU/MCU | CC2530F128RHAX       | VQFN(6x6mm)   | 40  | HD-CC2530-QN40A          |
| TI  | MPU/MCU | CC2530F256RHAX       | VQFN(6x6mm)   | 40  | HD-CC2530-QN40           |
| TI  | MPU/MCU | CC2530F256RHAX       | VQFN(6x6mm)   | 40  | HD-CC2530-QN40A          |
| TI  | MPU/MCU | CC2530F64RHAX        | VQFN(6x6mm)   | 40  | HD-CC2530-QN40           |
| TI  | MPU/MCU | CC2530F64RHAX        | VQFN(6x6mm)   | 40  | HD-CC2530-QN40A          |
| TI  | MPU/MCU | CC2531F128RHAX       | VQFN(6x6mm)   | 40  | HD-CC2530-QN40           |
| TI  | MPU/MCU | CC2531F128RHAX       | VQFN(6x6mm)   | 40  | HD-CC2530-QN40A          |
| TI  | MPU/MCU | CC2531F256RHAX       | VQFN(6x6mm)   | 40  | HD-CC2530-QN40           |
| TI  | MPU/MCU | CC2531F256RHAX       | VQFN(6x6mm)   | 40  | HD-CC2530-QN40A          |
| TI  | MPU/MCU | CC2533F32RHAX        | VQFN(6x6mm)   | 40  | HD-CC2530-QN40           |
| TI  | MPU/MCU | CC2533F32RHAX        | VQFN(6x6mm)   | 40  | HD-CC2530-QN40A          |
| TI  | MPU/MCU | CC2533F64RHAX        | VQFN(6x6mm)   | 40  | HD-CC2530-QN40           |
| TI  | MPU/MCU | CC2533F64RHAX        | VQFN(6x6mm)   | 40  | HD-CC2530-QN40A          |
| TI  | MPU/MCU | CC2533F96RHAX        | VQFN(6x6mm)   | 40  | HD-CC2530-QN40           |
| TI  | MPU/MCU | CC2533F96RHAX        | VQFN(6x6mm)   | 40  | HD-CC2530-QN40A          |
| TI  | MPU/MCU | CC2540F128RHAX       | VQFN(6x6mm)   | 40  | HD-CC2530-QN40           |
| TI  | MPU/MCU | CC2540F128RHAX       | VQFN(6x6mm)   | 40  | HD-CC2530-QN40A          |
| TI  | MPU/MCU | CC2540F256RHAX       | VQFN(6x6mm)   | 40  | HD-CC2530-QN40           |
| TI  | MPU/MCU | CC2540F256RHAX       | VQFN(6x6mm)   | 40  | HD-CC2530-QN40A          |
| TI  | MPU/MCU | CC2541F128RHAX       | VQFN(6x6mm)   | 40  | HD-CC2530-QN40           |
| TI  | MPU/MCU | CC2541F128RHAX       | VQFN(6x6mm)   | 40  | HD-CC2530-QN40A          |
| TI  | MPU/MCU | CC2541F256RHAX       | VQFN(6x6mm)   | 40  | HD-CC2530-QN40           |
| TI  | MPU/MCU | CC2541F256RHAX       | VQFN(6x6mm)   | 40  | HD-CC2530-QN40A          |
| TI  | MPU/MCU | CC2543RHMx           | QFN(5x5mm)    | 32  | HD-CC2543/O-QN32         |
| TI  | MPU/MCU | CC2544RHBx           | QFN(5x5mm)    | 32  | HD-CC2543/O-QN32         |
| TI  | MPU/MCU | CDCE6214RGER         | QFN(4x4mm)    | 24  | UHD-CDCE6214-QN24        |
| TI  | MPU/MCU | CDCE6214RGER         | QFN(4x4mm)    | 24  | UHD-CDCE6214-QN24        |
| TI  | MPU/MCU | LMK03328RHSx         | QFN(7x7mm)    | 48  | UHD-LMK03318-QN48        |
| TI  | MPU/MCU | LMK03328RHSx_HPE     | QFN(7x7mm)    | 48  | UHD-LMK03318-QN48        |
| TI  | MPU/MCU | MSP430F135IPM        | LQFP(10x10mm) | 64  | HD-MSP430F1XX-QF64A      |
| TI  | MPU/MCU | MSP430F147IPM        | QFP(10x10mm)  | 64  | HD-MSP430F1XX-QF64A      |
| TI  | MPU/MCU | MSP430F149IPM        | LQFP(10x10mm) | 64  | HD-MSP430F1XX-QF64A      |
| TI  | MPU/MCU | MSP430F2132IRHB      | QFN(5x5mm)    | 32  | HD-MSP430F12X2-QN32      |
| TI  | MPU/MCU | MSP430F233TPM        | LQFP(10x10mm) | 64  | HD-MSP430F1XX-QF64A      |
| TI  | MPU/MCU | MSP430F235TPM        | LQFP(10x10mm) | 64  | HD-MSP430F1XX-QF64A      |
| TI  | MPU/MCU | MSP430F247TPM        | LQFP(10x10mm) | 64  | HD-MSP430F1XX-QF64A      |
| TI  | MPU/MCU | MSP430F249TPM        | LQFP(10x10mm) | 64  | HD-MSP430F1XX-QF64A      |
| TI  | MPU/MCU | MSP430F427AIPM       | LQFP(10x10mm) | 64  | HD-MSP430F1XX-QF64A      |
| TI  | MPU/MCU | MSP430F5418AIPN      | QFP(12x12mm)  | 80  | HD-MSP430F54XX-QF80A     |
| TI  | MPU/MCU | MSP430FR2433IRGE     | QFN(4x4mm)    | 24  | UHD-MSP430FR2XX3-QN24    |
| TI  | MPU/MCU | MSP430FR2532IRGE     | QFN(4x4mm)    | 24  | UHD-MSP430FR2XX3-QN24    |
| TI  | MPU/MCU | MSP430G2221IPW       | TSSOP(4.4mm)  | 14  | HD-MSP430F2XXX-SS14      |
| TI  | MPU/MCU | MSP430G2230ID        | SOP(3.9mm)    | 8   | UHD-MSP430G2210-S08      |
| TI  | MPU/MCU | MSP430G2433IPW       | TSSOP(4.4mm)  | 20  | HD-MSP430G2XX3-SS20      |
| TI  | MPU/MCU | MSP430G2513IPW       | TSSOP(4.4mm)  | 20  | HD-MSP430G2XX3-SS20      |
| TI  | MPU/MCU | MSP430G2513IPW       | TSSOP(4.4mm)  | 28  | HD-MSP430G2XX3-SS28      |
| TI  | MPU/MCU | MSP430G2553IPW       | TSSOP(4.4mm)  | 20  | HD-MSP430G2XX3-SS20      |
| TI  | MPU/MCU | MSP430G2553IPW       | TSSOP(4.4mm)  | 28  | HD-MSP430G2XX3-SS28      |
| TI  | MPU/MCU | MSP430G2744IDA       | TSSOP(6.1mm)  | 38  | HD-MSP430F2XXX/O-SS38    |
| TI  | MPU/MCU | SN13110345SQX/NOPB   | QFN(5x4mm)    | 24  | UHD-SN1405006-QN24       |
| TI  | MPU/MCU | SN1402039            | QFN(5x4mm)    | 24  | UHD-SN1405006-QN24       |
| TI  | MPU/MCU | SN1405006SQX/NOPB    | QFN(5x4mm)    | 24  | UHD-SN1405006-QN24       |
| TI  | MPU/MCU | SN1701021RSLR        | QFN(6x6mm)    | 48  | UHD-TPS53678-QN48        |
| TI  | MPU/MCU | SN1701021RSLT        | QFN(6x6mm)    | 48  | UHD-TPS53678-QN48        |
| TI  | MPU/MCU | SN1701022RSBR        | QFN(5x5mm)    | 40  | UHD-TPS53658-QN40        |
| TI  | MPU/MCU | SN1701022RSBR        | QFN(5x5mm)    | 40  | UHD-TPS53658-QN40A       |
| TI  | MPU/MCU | SN1701022RSBT        | QFN(5x5mm)    | 40  | UHD-TPS53658-QN40        |
| TI  | MPU/MCU | SN1701022RSBT        | QFN(5x5mm)    | 40  | UHD-TPS53658-QN40A       |
| TI  | MPU/MCU | SN2005005            | QFN(5x5mm)    | 40  | UHD-TPS53688-QN40        |
| TI  | MPU/MCU | SN2105037RSBR        | QFN(5x5mm)    | 40  | UHD-TPS53688-QN40        |
| TI  | MPU/MCU | TM4C129XNCZADI       | BGA(10x10mm)  | 212 | HD-TM4E129/O-BG212       |
| TI  | MPU/MCU | TM4E129BNCZADI       | BGA(10x10mm)  | 212 | HD-TM4E129/O-BG212       |
| TI  | MPU/MCU | TMS320F280036CxPM    | LQFP(10x10mm) | 64  | UHD-TMS320F28002X-QF64   |
| TI  | MPU/MCU | TMS320F280036CxPM    | LQFP(10x10mm) | 64  | UHD-TMS320F28002X-QF64A  |
| TI  | MPU/MCU | TMS320F280037CxPTxxx | LQFP(7x7mm)   | 48  | UHD-TMS320F28003X-QF48   |
| TI  | MPU/MCU | TMS320F280039CSPN    | LQFP(12x12mm) | 80  | UHD-TMS320F28002X-QF80   |
| TI  | MPU/MCU | TMS320F280039CxPM    | LQFP(10x10mm) | 64  | UHD-TMS320F28002X-QF64   |
| TI  | MPU/MCU | TMS320F280039CxPM    | LQFP(10x10mm) | 64  | UHD-TMS320F28002X-QF64A  |
| TI  | MPU/MCU | TMS320F280039CxPZxxx | LQFP(14x14mm) | 100 | UHD-TMS320F28003X-QF100  |
| TI  | MPU/MCU | TMS320F280039CxPZxxx | LQFP(14x14mm) | 100 | UHD-TMS320F28003X-QF100A |
| TI  | MPU/MCU | TMS320F280041PMSx    | LQFP(10x10mm) | 64  | UHD-TMS320F280041-QF64   |
| TI  | MPU/MCU | TMS320F280049PMSx    | LQFP(10x10mm) | 64  | UHD-TMS320F280041-QF64   |
| TI  | MPU/MCU | TMS320F280049xPZx    | LQFP(14x14mm) | 100 | UHD-TMS320F28004X-QF100  |
| TI  | MPU/MCU | TMS320F280230PTT     | LQFP(7x7mm)   | 48  | UHD-TMS320F2802X-QF48    |
| TI  | MPU/MCU | TMS320F28023PTx      | LQFP(7x7mm)   | 48  | HD-TMS2802X/O-QF48       |
| TI  | MPU/MCU | TMS320F28023PTx      | LQFP(7x7mm)   | 48  | HD-TMS2802X/O-QF48A      |
| TI  | MPU/MCU | TMS320F28027xPTx     | QFP(7x7mm)    | 48  | HD-TMS2802X/O-QF48       |
| TI  | MPU/MCU | TMS320F28027xPTx     | QFP(7x7mm)    | 48  | HD-TMS2802X/O-QF48A      |
| TI  | MPU/MCU | TMS320F28035PAGxx    | TQFP(10x10mm) | 64  | HD-TMS320F2803X-TQ64     |
| TI  | MPU/MCU | TMS320F28035PAGxx    | TQFP(10x10mm) | 64  | HD-TMS320F2803X-TQ64A    |
| TI  | MPU/MCU | TMS320F28035PNx      | QFP(12x12mm)  | 80  | HD-TMS2803X/O-QF80A      |

| MFR     | GROUP      | IC                      | PACKAGE        | PIN | Adapter                 |
|---------|------------|-------------------------|----------------|-----|-------------------------|
| TI      | MPU/MCU    | TMS320F28066PZT         | LQFP(14x14mm)  | 100 | UHD-TMS320F2806X-QF100A |
| TI      | MPU/MCU    | TMS320F28069xPZT        | LQFP(14x14mm)  | 100 | UHD-TMS320F2806X-QF100A |
| TI      | MPU/MCU    | TMS320F28075PZPx        | HTQFP(14x14mm) | 100 | UHD-TMS320F2807X-QF100  |
| TI      | MPU/MCU    | TMS320F28075PZPx        | HTQFP(14x14mm) | 100 | UHD-TMS320F2807X-QF100A |
| TI      | MPU/MCU    | TMS320F28374SPTPx       | HLQFP(24x24mm) | 176 | UHD-TMS320F2837XD-QF176 |
| TI      | MPU/MCU    | TMS320F28377DPTPx       | HLQFP(24x24mm) | 176 | UHD-TMS320F2837XD-QF176 |
| TI      | MPU/MCU    | TMS320F28384SPTPx       | HLQFP(24x24mm) | 176 | UHD-TMS320F2838XX-QF176 |
| TI      | MPU/MCU    | TMS320F28P550SGxPZ      | LQFP(14x14mm)  | 100 | UHD-TMS320F28P55X-LQ100 |
| TI      | MPU/MCU    | TMS320F28P550SGxRSH     | VQFN(7x7mm)    | 56  | UHD-TMS320F28P55X-QN56  |
| TI      | MPU/MCU    | TMS320F28P650SHxPTP     | HLQFP(24x24mm) | 176 | UHD-TMS320F28P650-LQ176 |
| TI      | MPU/MCU    | TPS16890                | QFN(6x5mm)     | 23  | UHD-TPS16890-QN23       |
| TI      | MPU/MCU    | TPS25990                | QFN(4.5x5mm)   | 26  | UHD-TPS2599-QN26        |
| TI      | MPU/MCU    | TPS53622                | QFN(5x5mm)     | 40  | UHD-TPS536X9-QN40       |
| TI      | MPU/MCU    | TPS53622                | QFN(5x5mm)     | 40  | UHD-TPS536X9-QN40A      |
| TI      | MPU/MCU    | TPS53622A               | QFN(5x5mm)     | 40  | UHD-TPS536X9-QN40       |
| TI      | MPU/MCU    | TPS53622A               | QFN(5x5mm)     | 40  | UHD-TPS536X9-QN40A      |
| TI      | MPU/MCU    | TPS53631                | QFN(5x5mm)     | 40  | UHD-TPS536X1-QN40       |
| TI      | MPU/MCU    | TPS53641                | QFN(5x5mm)     | 40  | UHD-TPS53641-QN40       |
| TI      | MPU/MCU    | TPS53655                | QFN(5x5mm)     | 40  | UHD-TPS536X9-QN40       |
| TI      | MPU/MCU    | TPS53655                | QFN(5x5mm)     | 40  | UHD-TPS536X9-QN40A      |
| TI      | MPU/MCU    | TPS53656                | QFN(5x5mm)     | 40  | UHD-TPS53656-QN40       |
| TI      | MPU/MCU    | TPS53658                | QFN(5x5mm)     | 40  | UHD-TPS53658-QN40       |
| TI      | MPU/MCU    | TPS53658                | QFN(5x5mm)     | 40  | UHD-TPS53658-QN40A      |
| TI      | MPU/MCU    | TPS53659                | QFN(5x5mm)     | 40  | UHD-TPS536X9-QN40       |
| TI      | MPU/MCU    | TPS53659                | QFN(5x5mm)     | 40  | UHD-TPS536X9-QN40A      |
| TI      | MPU/MCU    | TPS53659A               | QFN(5x5mm)     | 40  | UHD-TPS536X9-QN40       |
| TI      | MPU/MCU    | TPS53659A               | QFN(5x5mm)     | 40  | UHD-TPS536X9-QN40A      |
| TI      | MPU/MCU    | TPS53661                | QFN(5x5mm)     | 40  | UHD-TPS536X1-QN40       |
| TI      | MPU/MCU    | TPS53676                | QFN(6x6mm)     | 48  | UHD-TPS536C9-QN48A      |
| TI      | MPU/MCU    | TPS53678                | QFN(6x6mm)     | 48  | UHD-TPS53678-QN48       |
| TI      | MPU/MCU    | TPS53679                | QFN(5x5mm)     | 40  | UHD-TPS536X9-QN40       |
| TI      | MPU/MCU    | TPS53679                | QFN(5x5mm)     | 40  | UHD-TPS536X9-QN40A      |
| TI      | MPU/MCU    | TPS53681                | QFN(5x5mm)     | 40  | UHD-TPS53681-QN40       |
| TI      | MPU/MCU    | TPS53686T               | QFN(5x5mm)     | 40  | UHD-TPS53686-QN40       |
| TI      | MPU/MCU    | TPS53688                | QFN(5x5mm)     | 40  | UHD-TPS53688-QN40       |
| TI      | MPU/MCU    | TPS53689                | QFN(5x5mm)     | 40  | UHD-TPS53688-QN40       |
| TI      | MPU/MCU    | TPS53689T               | QFN(5x5mm)     | 40  | UHD-TPS53688-QN40       |
| TI      | MPU/MCU    | TPS536C7                | QFN(6x6mm)     | 48  | UHD-TPS536C7-QN48       |
| TI      | MPU/MCU    | TPS536C9                | QFN(6x6mm)     | 48  | UHD-TPS536C9-QN48       |
| TI      | MPU/MCU    | TPS536C9                | QFN(6x6mm)     | 48  | UHD-TPS536C9-QN48A      |
| TI      | MPU/MCU    | TPS536C9T               | QFN(6x6mm)     | 48  | UHD-TPS536C9-QN48       |
| TI      | MPU/MCU    | TPS53830                | QFN(5x5mm)     | 35  | UHD-TPS53830-QN35       |
| TI      | MPU/MCU    | TPS53831                | QFN(5x5mm)     | 35  | UHD-TPS53831-QN35       |
| TI      | MPU/MCU    | TPS544B25               | QFN(7x5mm)     | 40  | UHD-TPS54X-QN40         |
| TI      | MPU/MCU    | TPS544C26               | QFN(6x5mm)     | 37  | UHD-TPS544C26-QN37      |
| TI      | MPU/MCU    | TPS544C26-B1            | QFN(6x5mm)     | 37  | UHD-TPS544C26-QN37      |
| TI      | MPU/MCU    | TPS546B24A              | QFN(7x5mm)     | 40  | UHD-TPS546-QN40         |
| TI      | MPU/MCU    | TPS6594-Q1[I2C]         | VQFN(8x8mm)    | 56  | UHD-TPS6594-QN56        |
| TI      | MPU/MCU    | TPS66993                | QFN(8x5mm)     | 52  | UHD-TPS66994-QN52       |
| TI      | MPU/MCU    | TPS66993                | QFN(8x5mm)     | 52  | UHD-TPS66994-QN52A      |
| TI      | MPU/MCU    | TPS66994                | QFN(8x5mm)     | 52  | UHD-TPS66994-QN52       |
| TI      | MPU/MCU    | TPS66994                | QFN(8x5mm)     | 52  | UHD-TPS66994-QN52A      |
| TI      | MPU/MCU    | UCD3020RGZ              | QFN(7x7mm)     | 48  | UHD-UCD3020-QN48        |
| TI      | MPU/MCU    | UCD3138064ARGC          | QFN(9x9mm)     | 64  | UHD-UCD3138-QN64        |
| TI      | MPU/MCU    | UCD3138064RMH           | QFN(6x6mm)     | 40  | UHD-UCD9322-QN40        |
| TI      | MPU/MCU    | UCD3138128PFC           | TQFP(12x12mm)  | 80  | UHD-UCD3138-TQ80        |
| TI      | MPU/MCU    | UCD3138ARGC             | QFN(9x9mm)     | 64  | UHD-UCD3138-QN64        |
| TI      | MPU/MCU    | UCD3138ARMH             | QFN(6x6mm)     | 40  | UHD-UCD9322-QN40AV2     |
| TI      | MPU/MCU    | UCD3138RGC              | QFN(9x9mm)     | 64  | UHD-UCD3138-QN64        |
| TI      | MPU/MCU    | UCD3138RJA              | QFN(6x6mm)     | 40  | UHD-UCD3138-QN40        |
| TI      | MPU/MCU    | UCD3138RMH              | QFN(6x6mm)     | 40  | UHD-UCD9322-QN40AV2     |
| TI      | MPU/MCU    | UCD90120ARGC            | QFN(9x9mm)     | 64  | HD-UCD90160/O-ML64      |
| TI      | MPU/MCU    | UCD90160ARGC            | QFN(9x9mm)     | 64  | HD-UCD90160/O-ML64      |
| TI      | MPU/MCU    | UCD90160RGC             | QFN(9x9mm)     | 64  | HD-UCD90160/O-ML64      |
| TI      | MPU/MCU    | UCD90320UZWS            | BGA(12x12mm)   | 169 | UHD-UCD90320-BG169      |
| TI      | MPU/MCU    | UCD90320ZWS             | BGA(12x12mm)   | 169 | UHD-UCD90320-BG169      |
| TI      | MPU/MCU    | UCD90320ZWS(PF)         | BGA(12x12mm)   | 169 | UHD-UCD90320-BG169      |
| TI      | MPU/MCU    | UCD9081RHB              | QFN(5x5mm)     | 32  | UHD-UCD9081-QN32        |
| TI      | MPU/MCU    | UCD9090ARGZ             | QFN(7x7mm)     | 48  | UHD-UCD9090-QN48        |
| TI      | MPU/MCU    | UCD9090QRGZ             | QFN(7x7mm)     | 48  | UHD-UCD9090-QN48        |
| TI      | MPU/MCU    | UCD9090RGZ              | QFN(7x7mm)     | 48  | UHD-UCD9090-QN48        |
| TOSHIBA | NAND FLASH | TC58BVG053HTA00         | TSOP(12x20mm)  | 48  | UHD-NAND-TS48V2         |
| TOSHIBA | NAND FLASH | TC58BVG053HTA10         | TSOP(12x20mm)  | 48  | UHD-NAND-TS48V2         |
| TOSHIBA | NAND FLASH | TC58CVG053HRAIG(disECC) | WSON(6x8mm)    | 8   | UHD-SEEP-SN8C           |
| TOSHIBA | NAND FLASH | TC58CVG053HRAIG(enECC)  | WSON(6x8mm)    | 8   | UHD-SEEP-SN8C           |
| TOSHIBA | NAND FLASH | TC58CVG250HRAIG(disECC) | WSON(6x8mm)    | 8   | UHD-SEEP-SN8C           |
| TOSHIBA | NAND FLASH | TC58CVG250HRAIG(enECC)  | WSON(6x8mm)    | 8   | UHD-SEEP-SN8C           |
| TOSHIBA | NAND FLASH | TC58NVG053ETA00         | TSOP(12x20mm)  | 48  | UHD-NAND-TS48           |
| TOSHIBA | NAND FLASH | TC58NVG1S3HBAI4         | TFBGA(11x9mm)  | 63  | UHD-NAND-BG63A          |
| TOSHIBA | NAND FLASH | TC58NVG2S0HBAI4         | TFBGA(11x9mm)  | 63  | UHD-NAND-BG63A          |
| TOSHIBA | NAND FLASH | TC58NVG2S3ETA10         | TSOP(12x20mm)  | 48  | UHD-NAND-TS48           |
| TOSHIBA | NAND FLASH | TC58NVG5H2HTA10         | TSOP(12x20mm)  | 48  | UHD-NAND-TS48V2         |
| TOSHIBA | eMMC/eMCP  | THGAMRG7T13BAIL         | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153          |
| TOSHIBA | eMMC/eMCP  | THGAMRG8T13BAIL         | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153          |
| TOSHIBA | eMMC/eMCP  | THGAMRG9T23BAIL         | BGA(13x11.5mm) | 153 | UHD-EMMC-BG153          |

| MFR          | GROUP       | IC                   | PACKAGE                 | PIN | Adapter             |
|--------------|-------------|----------------------|-------------------------|-----|---------------------|
| TOSHIBA      | eMMC/eMCP   | THGAMRT0T43BAIR      | BGA(13x11.5mm)          | 153 | UHD-EMMC-BG153      |
| TOSHIBA      | eMMC/eMCP   | THGAMVG8T13BAIL      | BGA(13x11.5mm)          | 153 | UHD-EMMC-BG153      |
| TOSHIBA      | eMMC/eMCP   | THGAMVG9T23BAIL      | BGA(13x11.5mm)          | 153 | UHD-EMMC-BG153      |
| TOSHIBA      | eMMC/eMCP   | THGAMVT0T43BAIR      | BGA(13x11.5mm)          | 153 | UHD-EMMC-BG153      |
| TOSHIBA      | eMMC/eMCP   | THGBMHG7C2LBAIL      | BGA(13x11.5mm)          | 153 | UHD-EMMC-BG153      |
| TOSHIBA      | eMMC/eMCP   | THGBMHG8C2LBAIL      | BGA(13x11.5mm)          | 153 | UHD-EMMC-BG153      |
| TOSHIBA      | eMMC/eMCP   | THGBMHG9C4LBAIL      | BGA(13x11.5mm)          | 153 | UHD-EMMC-BG153      |
| TOSHIBA      | UFS         | THGAF4T0N8LBAIRB     | BGA(13x11.5mm)          | 153 | UHD-UFS-BG153       |
| TOSHIBA      | UFS         | THGAF8G8T23BAIL      | BGA(13x11.5mm)          | 153 | UHD-UFS-BG153       |
| TOSHIBA      | UFS         | THGAF8G9T43BAIR      | BGA(13x11.5mm)          | 153 | UHD-UFS-BG153       |
| TOSHIBA      | UFS         | THGAF9G9L4LBAB8Y0J   | BGA(13x11.5mm)          | 153 | UHD-UFS-BG153       |
| TOSHIBA      | UFS         | THGAF9T0L8LBAB8Y0J   | BGA(13x11.5mm)          | 153 | UHD-UFS-BG153       |
| TOSHIBA      | UFS         | THGAFBT0T43BAU8      | BGA(13x11.5mm)          | 153 | UHD-UFS-BG153       |
| TOSHIBA      | UFS         | THGAFBT1T83BAB5Y0J   | BGA(13x11.5mm)          | 153 | UHD-UFS-BG153       |
| TOSHIBA      | UFS         | THGAFBT2T83BABTY0J   | BGA(13x11.5mm)          | 153 | UHD-UFS-BG153       |
| TOSHIBA      | UFS         | THGBF7G9L4LBATR      | BGA(13x11.5mm)          | 153 | UHD-UFS-BG153       |
| TOSHIBA      | UFS         | THGLF2G9J8LBATR      | BGA(13x11.5mm)          | 153 | UHD-UFS-BG153       |
| U-BLOX       | MPU/MCU     | ODIN-W262            | MODULE(22.3x14.8mm)     | 103 | UHD-ODIN-W262-MO103 |
| UNIM         | NAND FLASH  | TX25G01DNDxx(disECC) | TDFN(6x8mm)             | 8   | UHD-SEEP-SN8C       |
| UNIM         | NAND FLASH  | TX25G01DNDxx(enECC)  | TDFN(6x8mm)             | 8   | UHD-SEEP-SN8C       |
| UNIM         | NAND FLASH  | UM19A0HxSW(disECC)   | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C       |
| UNIM         | NAND FLASH  | UM19A0HxSW(enECC)    | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C       |
| UNIM         | NAND FLASH  | UM19A0LxSW(disECC)   | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C       |
| UNIM         | NAND FLASH  | UM19A0LxSW(enECC)    | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C       |
| UNIM         | NAND FLASH  | UM19A1HxSW(disECC)   | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C       |
| UNIM         | NAND FLASH  | UM19A1HxSW(enECC)    | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C       |
| UNIM         | NAND FLASH  | UM19A1LxSW(disECC)   | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C       |
| UNIM         | NAND FLASH  | UM19A1LxSW(enECC)    | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C       |
| UNION MEMORY | UFS         | RUGMGKH128DBB        | BGA(13x11.5mm)          | 153 | UHD-UFS-BG153       |
| UNION MEMORY | UFS         | UUHMGKH128DBB        | BGA(13x11.5mm)          | 153 | UHD-UFS-BG153       |
| UNION MEMORY | UFS         | UUHMGKH64GSBB        | BGA(13x11.5mm)          | 153 | UHD-UFS-BG153       |
| WDC          | UFS         | SDINDDH4-32G         | BGA(13x11.5mm)          | 153 | UHD-UFS-BG153       |
| WDC          | UFS         | SDINDDH4-64G         | BGA(13x11.5mm)          | 153 | UHD-UFS-BG153       |
| WDC          | UFS         | SDINFDK4-128G        | BGA(13x11.5mm)          | 153 | UHD-UFS-BG153       |
| WDC          | UFS         | SDINFDK4-256G        | BGA(13x11.5mm)          | 153 | UHD-UFS-BG153       |
| WDC          | UFS         | SDINFDK4-64G         | BGA(13x11.5mm)          | 153 | UHD-UFS-BG153       |
| WDC          | UFS         | SDINFDO2-256G        | BGA(13x11.5mm)          | 153 | UHD-UFS-BG153       |
| WDC          | UFS         | SDINFDO4-128G        | BGA(13x11.5mm)          | 153 | UHD-UFS-BG153       |
| WDC          | UFS         | SDINFDO4-256G        | BGA(13x11.5mm)          | 153 | UHD-UFS-BG153       |
| WDC          | UFS         | SDINFDO4-512G        | BGA(13x11.5mm)          | 153 | UHD-UFS-BG153       |
| WDC          | UFS         | SDINFDO6-128G-ZA     | BGA(13x11.5mm)          | 153 | UHD-UFS-BG153       |
| WDC          | UFS         | SDINFDO6-256G-ZA     | BGA(13x11.5mm)          | 153 | UHD-UFS-BG153       |
| WDC          | UFS         | SDINFDO6-512G-ZA     | BGA(13x11.5mm)          | 153 | UHD-UFS-BG153       |
| WELTREN      | MPU/MCU     | WT51F104-SG080WT     | SOP(3.9mm)              | 8   | UHD-WT51F104-SO8    |
| WELTREND     | MPU/MCU     | WT51F104             | SSOP(3.9mm)             | 20  | UHD-WT51F116-SS20   |
| WESTBERRY    | Serial PROM | WB24C128-Sxxxx       | SOP(3.9mm)              | 8   | UHD-SEEP-SO8        |
| WESTBERRY    | Serial PROM | WB24C128-Uxxxx       | UDFN(2x3mm)             | 8   | UHD-SEEP-SN8A3      |
| WINBOND      | NAND FLASH  | W25M02GVZExG(disECC) | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C       |
| WINBOND      | NAND FLASH  | W25M02GVZExG(enECC)  | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C       |
| WINBOND      | Serial PROM | W25M512JVFxQ         | SOP(7.5mm)              | 16  | UHD-SEEP-SO16       |
| WINBOND      | NAND FLASH  | W25N01JWZExG(disECC) | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C       |
| WINBOND      | NAND FLASH  | W25N01JWZExG(enECC)  | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C       |
| WINBOND      | NAND FLASH  | W25N01KVZExR(disECC) | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C       |
| WINBOND      | NAND FLASH  | W25N01KVZExR(enECC)  | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C       |
| WINBOND      | NAND FLASH  | W25N01KVZExU(disECC) | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C       |
| WINBOND      | NAND FLASH  | W25N01KVZExU(enECC)  | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C       |
| WINBOND      | NAND FLASH  | W25N01KWZExG(disECC) | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C       |
| WINBOND      | NAND FLASH  | W25N01KWZExG(enECC)  | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C       |
| WINBOND      | NAND FLASH  | W25N01KWZPxG(disECC) | WSO(5x6mm)              | 8   | UHD-SEEP-SN8B       |
| WINBOND      | NAND FLASH  | W25N01KWZPxG(enECC)  | WSO(5x6mm)              | 8   | UHD-SEEP-SN8B       |
| WINBOND      | NAND FLASH  | W25N02JWZExF(disECC) | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C       |
| WINBOND      | NAND FLASH  | W25N02JWZExF(enECC)  | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C       |
| WINBOND      | NAND FLASH  | W25N02KVTBxR(disECC) | TFBGA(8x6mm,5x5-1 ball) | 24  | UHD-SEEP-BG24A      |
| WINBOND      | NAND FLASH  | W25N02KVTBxR(enECC)  | TFBGA(8x6mm,5x5-1 ball) | 24  | UHD-SEEP-BG24A      |
| WINBOND      | NAND FLASH  | W25N02KWZExR(disECC) | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C       |
| WINBOND      | NAND FLASH  | W25N02KWZExR(enECC)  | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C       |
| WINBOND      | NAND FLASH  | W25N04KVZExE(disECC) | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C       |
| WINBOND      | NAND FLASH  | W25N04KVZExE(enECC)  | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C       |
| WINBOND      | NAND FLASH  | W25N04KVZExR(disECC) | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C       |
| WINBOND      | NAND FLASH  | W25N04KVZExR(enECC)  | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C       |
| WINBOND      | NAND FLASH  | W25N04KWZExR(disECC) | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C       |
| WINBOND      | NAND FLASH  | W25N04KWZExR(enECC)  | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C       |
| WINBOND      | NAND FLASH  | W25N04LWZExG(disECC) | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C       |
| WINBOND      | NAND FLASH  | W25N04LWZExG(enECC)  | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C       |
| WINBOND      | NAND FLASH  | W25N512GVExG(disECC) | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C       |
| WINBOND      | NAND FLASH  | W25N512GVExG(enECC)  | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C       |
| WINBOND      | Serial PROM | W25Q01JVSFxxQ        | SOP(7.5mm)              | 16  | UHD-SEEP-SO16       |
| WINBOND      | Serial PROM | W25Q01JVZExN         | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C       |
| WINBOND      | Serial PROM | W25Q01JVZExQ         | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C       |
| WINBOND      | Serial PROM | W25Q02JVSFxxM        | SOP(7.5mm)              | 16  | UHD-SEEP-SO16       |
| WINBOND      | Serial PROM | W25Q128BVFxx         | WSO(6x8mm)              | 8   | UHD-SEEP-SN8C       |
| WINBOND      | Serial PROM | W25Q128BVFxx         | SOP(7.5mm)              | 16  | UHD-SEEP-SO16       |
| WINBOND      | Serial PROM | W25Q128FVFxxQ        | SOP(7.5mm)              | 16  | UHD-SEEP-SO16       |
| WINBOND      | Serial PROM | W25Q128FVPxxQ        | SOP(7.5mm)              | 16  | UHD-SEEP-SO16       |
| WINBOND      | Serial PROM | W25Q128FVPxxQ        | WSO(5x6mm)              | 8   | UHD-SEEP-SN8B       |

| MFR     | GROUP       | IC            | PACKAGE                 | PIN | Adapter         |
|---------|-------------|---------------|-------------------------|-----|-----------------|
| WINBOND | Serial PROM | W25Q128FVSxQ  | SOP(5.3mm)              | 8   | UHD-SEEP-SO8A   |
| WINBOND | Serial PROM | W25Q128FWExQ  | WSON(6x8mm)             | 8   | UHD-SEEP-SN8C   |
| WINBOND | Serial PROM | W25Q128FWFxQ  | SOP(7.5mm)              | 16  | UHD-SEEP-SO16   |
| WINBOND | Serial PROM | W25Q128FWFxQ  | SOP(7.5mm)              | 16  | UHD-SEEP-SO16   |
| WINBOND | Serial PROM | W25Q128FWPxQ  | WSON(5x6mm)             | 8   | UHD-SEEP-SN8B   |
| WINBOND | Serial PROM | W25Q128FWPxQ  | WSON(5x6mm)             | 8   | UHD-SEEP-SN8B   |
| WINBOND | Serial PROM | W25Q128FWPxQ  | WSON(5x6mm)             | 8   | UHD-SEEP-SN8B   |
| WINBOND | Serial PROM | W25Q128FWSxQ  | SOP(5.3mm)              | 8   | UHD-SEEP-SO8A   |
| WINBOND | Serial PROM | W25Q128FWSxQ  | SOP(5.3mm)              | 8   | UHD-SEEP-SO8A   |
| WINBOND | Serial PROM | W25Q128FWSxQ  | SOP(5.3mm)              | 8   | UHD-SEEP-SO8A   |
| WINBOND | Serial PROM | W25Q128FWSxQ  | SOP(5.3mm)              | 8   | UHD-SEEP-SO8A   |
| WINBOND | Serial PROM | W25Q128JVBxQ  | TFBGA(8x6mm,5x5-1 ball) | 24  | UHD-SEEP-BG24A  |
| WINBOND | Serial PROM | W25Q128JVCxQ  | TFBGA(8x6mm,6x4 ball)   | 24  | UHD-SEEP-BG24   |
| WINBOND | Serial PROM | W25Q128JVExM  | WSON(6x8mm)             | 8   | UHD-SEEP-SN8C   |
| WINBOND | Serial PROM | W25Q128JVExQ  | WSON(6x8mm)             | 8   | UHD-SEEP-SN8C   |
| WINBOND | Serial PROM | W25Q128JVFxM  | SOP(7.5mm)              | 16  | UHD-SEEP-SO16   |
| WINBOND | Serial PROM | W25Q128JVFxQ  | SOP(7.5mm)              | 16  | UHD-SEEP-SO16   |
| WINBOND | Serial PROM | W25Q128JVPxM  | WSON(5x6mm)             | 8   | UHD-SEEP-SN8B   |
| WINBOND | Serial PROM | W25Q128JVPxQ  | WSON(5x6mm)             | 8   | UHD-SEEP-SN8B   |
| WINBOND | Serial PROM | W25Q128JVSxM  | SOP(5.3mm)              | 8   | UHD-SEEP-SO8A   |
| WINBOND | Serial PROM | W25Q128JVSxQ  | SOP(5.3mm)              | 8   | UHD-SEEP-SO8A   |
| WINBOND | Serial PROM | W25Q128JWExM  | WSON(6x8mm)             | 8   | UHD-SEEP-SN8C   |
| WINBOND | Serial PROM | W25Q128JWExQ  | WSON(6x8mm)             | 8   | UHD-SEEP-SN8C   |
| WINBOND | Serial PROM | W25Q128JWFxQ  | SOP(7.5mm)              | 16  | UHD-SEEP-SO16   |
| WINBOND | Serial PROM | W25Q128JWPxM  | SON(5x6mm)              | 8   | UHD-SEEP-SN8B   |
| WINBOND | Serial PROM | W25Q128JWPxQ  | WSON(5x6mm)             | 8   | UHD-SEEP-SN8B   |
| WINBOND | Serial PROM | W25Q128JWSxM  | SOP(5.3mm)              | 8   | UHD-SEEP-SO8A   |
| WINBOND | Serial PROM | W25Q128JWSxQ  | SOP(5.3mm)              | 8   | UHD-SEEP-SO8A   |
| WINBOND | Serial PROM | W25Q128JWYxQ  | WLCSP(3.28x3.21mm)      | 21  | UHD-SEEP-BG21   |
| WINBOND | Serial PROM | W25Q16DVSNxG  | SOP(3.9mm)              | 8   | UHD-SEEP-SO8    |
| WINBOND | Serial PROM | W25Q16JLSNxxG | SOP(3.9mm)              | 8   | UHD-SEEP-SO8    |
| WINBOND | Serial PROM | W25Q16JLSSxG  | SOP(5.3mm)              | 8   | UHD-SEEP-SO8A   |
| WINBOND | Serial PROM | W25Q16JVSxM   | SOP(3.9mm)              | 8   | UHD-SEEP-SO8    |
| WINBOND | Serial PROM | W25Q16JVSxM   | SOP(5.3mm)              | 8   | UHD-SEEP-SO8A   |
| WINBOND | Serial PROM | W25Q16JVSxQ   | SOP(5.3mm)              | 8   | UHD-SEEP-SO8A   |
| WINBOND | Serial PROM | W25Q16JVUXxM  | SON(2x3mm)              | 8   | UHD-SEEP-SN8A3  |
| WINBOND | Serial PROM | W25Q16JVZPxQ  | WSON(5x6mm)             | 8   | UHD-SEEP-SN8B   |
| WINBOND | Serial PROM | W25Q16JWSNxxQ | SOP(3.9mm)              | 8   | UHD-SEEP-SO8    |
| WINBOND | Serial PROM | W25Q16JWSxQ   | SOP(5.3mm)              | 8   | UHD-SEEP-SO8A   |
| WINBOND | Serial PROM | W25Q16JWUUXQ  | USON(4x3mm)             | 8   | UHD-SEEP-SN8I   |
| WINBOND | Serial PROM | W25Q16JWXHxQ  | XSON(2x3mm)             | 8   | UHD-SEEP-SN8L   |
| WINBOND | Serial PROM | W25Q16JWZPxM  | SON(5x6mm)              | 8   | UHD-SEEP-SN8B   |
| WINBOND | Serial PROM | W25Q16JWZPxQ  | WSON(5x6mm)             | 8   | UHD-SEEP-SN8B   |
| WINBOND | Serial PROM | W25Q16RVSNxxQ | SOP(3.9mm)              | 8   | UHD-SEEP-SO8    |
| WINBOND | Serial PROM | W25Q16RVSSxQ  | SOP(5.3mm)              | 8   | UHD-SEEP-SO8A   |
| WINBOND | Serial PROM | W25Q16RVXHxQ  | XSON(2x3mm)             | 8   | UHD-SEEP-SN8L   |
| WINBOND | Serial PROM | W25Q16RVZPxQ  | WSON(5x6mm)             | 8   | UHD-SEEP-SN8B   |
| WINBOND | Serial PROM | W25Q20RLXHxQ  | XSON(2x3mm)             | 8   | UHD-SEEP-SN8L   |
| WINBOND | Serial PROM | W25Q256FVFXG  | SOP(7.5mm)              | 16  | UHD-SEEP-SO16   |
| WINBOND | Serial PROM | W25Q256FVFXQ  | SOP(7.5mm)              | 16  | UHD-SEEP-SO16   |
| WINBOND | Serial PROM | W25Q256JVBxQ  | TFBGA(8x6mm,5x5-1 ball) | 24  | UHD-SEEP-BG24A  |
| WINBOND | Serial PROM | W25Q256JVExM  | WSON(6x8mm)             | 8   | UHD-SEEP-SN8C   |
| WINBOND | Serial PROM | W25Q256JVFxM  | SOP(7.5mm)              | 16  | UHD-SEEP-SO16   |
| WINBOND | Serial PROM | W25Q256JVFxQ  | SOP(7.5mm)              | 16  | UHD-SEEP-SO16   |
| WINBOND | Serial PROM | W25Q256JWExN  | WSON(6x8mm)             | 8   | UHD-SEEP-SN8C   |
| WINBOND | Serial PROM | W25Q256JWFxN  | SOP(7.5mm)              | 16  | UHD-SEEP-SO16   |
| WINBOND | Serial PROM | W25Q257JVExQ  | WSON(6x8mm)             | 8   | UHD-SEEP-SN8C   |
| WINBOND | Serial PROM | W25Q257JVFxQ  | SOP(7.5mm)              | 16  | UHD-SEEP-SO16   |
| WINBOND | Serial PROM | W25Q32BVSSxG  | SOP(5.3mm)              | 8   | UHD-SEEP-SO8A   |
| WINBOND | Serial PROM | W25Q32JVSxM   | SOP(3.9mm)              | 8   | UHD-SEEP-SO8    |
| WINBOND | Serial PROM | W25Q32JVSxQ   | SOP(5.3mm)              | 8   | UHD-SEEP-SO8A   |
| WINBOND | Serial PROM | W25Q32JVZPxQ  | WSON(5x6mm)             | 8   | UHD-SEEP-SN8B   |
| WINBOND | Serial PROM | W25Q32JWSxM   | SOP(5.3mm)              | 8   | UHD-SEEP-SO8A   |
| WINBOND | Serial PROM | W25Q40EWSNxxG | SOP(3.9mm)              | 8   | UHD-SEEP-SO8    |
| WINBOND | Serial PROM | W25Q40EWUXxQ  | SON(2x3mm)              | 8   | UHD-SEEP-SN8A3  |
| WINBOND | Serial PROM | W25Q40RVSNxxQ | SOP(3.9mm)              | 8   | UHD-SEEP-SO8    |
| WINBOND | Serial PROM | W25Q40RVSSxQ  | SOP(5.3mm)              | 8   | UHD-SEEP-SO8A   |
| WINBOND | Serial PROM | W25Q40RVXHxQ  | XSON(2x3mm)             | 8   | UHD-SEEP-SN8L   |
| WINBOND | Serial PROM | W25Q512JVBxQ  | TFBGA(8x6mm,5x5-1 ball) | 24  | UHD-SEEP-BG24A  |
| WINBOND | Serial PROM | W25Q512JVFxD  | SOP(7.5mm)              | 16  | UHD-SEEP-SO16   |
| WINBOND | Serial PROM | W25Q512JVFxM  | SOP(7.5mm)              | 16  | UHD-SEEP-SO16   |
| WINBOND | Serial PROM | W25Q512NWBxM  | TFBGA(8x6mm,5x5-1 ball) | 24  | UHD-SEEP-BG24A  |
| WINBOND | Serial PROM | W25Q512NWBxM  | TFBGA(8x6mm,5x5-1 ball) | 24  | UHD-SEEP-BG24A  |
| WINBOND | Serial PROM | W25Q512NWEExM | WSON(6x8mm)             | 8   | UHD-SEEP-SN8C   |
| WINBOND | Serial PROM | W25Q512NWEExN | WSON(6x8mm)             | 8   | UHD-SEEP-SN8C   |
| WINBOND | Serial PROM | W25Q512NWFxM  | SOP(7.5mm)              | 16  | UHD-SEEP-SO16   |
| WINBOND | Serial PROM | W25Q512NWFxN  | SOP(7.5mm)              | 16  | UHD-SEEP-SO16   |
| WINBOND | Serial PROM | W25Q512NWFxQ  | SOP(7.5mm)              | 16  | UHD-SEEP-SO16   |
| WINBOND | Serial PROM | W25Q64BVSFxx  | SOP(7.5mm)              | 16  | UHD-SEEP-SO16   |
| WINBOND | Serial PROM | W25Q64BVSxx   | SOP(5.3mm)              | 8   | UHD-SEEP-SO8A   |
| WINBOND | Serial PROM | W25Q64BVZExx  | WSON(6x8mm)             | 8   | UHD-SEEP-SN8C   |
| WINBOND | Serial PROM | W25Q64FWSSxG  | SOP(5.3mm)              | 8   | UHD-SEEP-SO8A   |
| WINBOND | Serial PROM | W25Q64FWZPxQ  | WSON(5x6mm)             | 8   | UHD-SEEP-SN8B   |
| WINBOND | Serial PROM | W25Q64JVSxQ   | SOP(7.5mm)              | 16  | UHD-SEEP-SO16   |
| WINBOND | Serial PROM | W25Q64JVSxQ   | SOP(5.3mm)              | 8   | UHD-SEEP-SO8A   |
| WINBOND | Serial PROM | W25Q64JVGxQ   | XSON(4x4mm)             | 8   | RUHD-SEEP-SN8G1 |

| MFR     | GROUP       | IC                    | PACKAGE            | PIN | Adapter             |
|---------|-------------|-----------------------|--------------------|-----|---------------------|
| WINBOND | Serial PROM | W25Q64JVZExQ          | WSO(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| WINBOND | Serial PROM | W25Q64JVZPxQ          | WSO(5x6mm)         | 8   | UHD-SEEP-SN8B       |
| WINBOND | Serial PROM | W25Q64JWBXxQ          | WLCSP(3.27x1.91mm) | 12  | UHD-SEEP-BG12F      |
| WINBOND | Serial PROM | W25Q64JWSSxQ          | SOP(5.3mm)         | 8   | UHD-SEEP-SO8A       |
| WINBOND | Serial PROM | W25Q64JWZPxQ          | WSO(5x6mm)         | 8   | UHD-SEEP-SN8B       |
| WINBOND | Serial PROM | W25Q80DLSNxG          | SOP(3.9mm)         | 8   | UHD-SEEP-SO8        |
| WINBOND | Serial PROM | W25Q80DVSNxx          | SOP(3.9mm)         | 8   | UHD-SEEP-SO8        |
| WINBOND | Serial PROM | W25Q80DVSSxx          | SOP(5.3mm)         | 8   | UHD-SEEP-SO8A       |
| WINBOND | Serial PROM | W25Q80DVUXxx          | USON(2x3mm)        | 8   | UHD-SEEP-SN8A3      |
| WINBOND | Serial PROM | W25Q80DVZPxQ          | WSO(5x6mm)         | 8   | UHD-SEEP-SN8B       |
| WINBOND | Serial PROM | W25Q80EWSNxG          | SOP(3.9mm)         | 8   | UHD-SEEP-SO8        |
| WINBOND | Serial PROM | W25Q80EWSxG           | SOP(5.3mm)         | 8   | UHD-SEEP-SO8A       |
| WINBOND | Serial PROM | W25Q80EWUXxx          | USON(2x3mm)        | 8   | UHD-SEEP-SN8L       |
| WINBOND | Serial PROM | W25Q80EWZPxQ          | WSO(5x6mm)         | 8   | UHD-SEEP-SN8B       |
| WINBOND | Serial PROM | W25Q81DVSNxG          | SOP(3.9mm)         | 8   | UHD-SEEP-SO8        |
| WINBOND | Serial PROM | W25R128JVSxQ          | SOP(5.3mm)         | 8   | UHD-SEEP-SO8A       |
| WINBOND | Serial PROM | W25R512NWExQ          | WSO(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| WINBOND | Serial PROM | W25X05CLSNxx          | SOP(3.9mm)         | 8   | UHD-SEEP-SO8        |
| WINBOND | Serial PROM | W25X05CLUXxx          | USON(2x3mm)        | 8   | UHD-SEEP-SN8A3      |
| WINBOND | Serial PROM | W25X20CLSNxx          | SOP(3.9mm)         | 8   | UHD-SEEP-SO8        |
| WINBOND | Serial PROM | W25X20CLUXxx          | USON(2x3mm)        | 8   | UHD-SEEP-SN8A3      |
| WINBOND | Serial PROM | W25X20CLZPxQ          | WSO(5x6mm)         | 8   | UHD-SEEP-SN8B       |
| WINBOND | Serial PROM | W25X20CVSNxx          | SOP(3.9mm)         | 8   | UHD-SEEP-SO8        |
| WINBOND | Serial PROM | W25X20CVUXxx          | USON(2x3mm)        | 8   | UHD-SEEP-SN8A3      |
| WINBOND | Serial PROM | W25X40CLSNxx          | SOP(3.9mm)         | 8   | UHD-SEEP-SO8        |
| WINBOND | Serial PROM | W25X40CLSSxx          | SOP(5.3mm)         | 8   | UHD-SEEP-SO8A       |
| WINBOND | Serial PROM | W25X40CLZPxQ          | WSO(5x6mm)         | 8   | UHD-SEEP-SN8B       |
| WINBOND | NAND FLASH  | W29N01GVSxA           | TSOP(12x20mm)      | 48  | UHD-NAND-TS48V2     |
| WINBOND | NAND FLASH  | W29N01HVBxNF          | VFBGA(11x9mm)      | 63  | UHD-NAND-BG63A      |
| WINBOND | NAND FLASH  | W29N01HVDxNA          | VFBGA(8x6.5mm)     | 48  | UHD-NAND-BG48       |
| WINBOND | NAND FLASH  | W29N01HZBxNF          | BGA(11x9mm)        | 63  | UHD-NAND-BG63A      |
| WINBOND | NAND FLASH  | W29N01HZSxNF          | TSOP(12x20mm)      | 48  | UHD-NAND-TS48V2     |
| WINBOND | NAND FLASH  | W29N02GZBxBA          | VFBGA(11x9mm)      | 63  | UHD-NAND-BG63A      |
| WINBOND | NAND FLASH  | W29N02KVSxA           | TSOP(12x20mm)      | 48  | UHD-NAND-TS48V2     |
| WINBOND | NAND FLASH  | W29N04GVSxA           | TSOP(12x20mm)      | 48  | UHD-NAND-TS48V2     |
| WINBOND | NAND FLASH  | W29N04GZBxBA          | BGA(11x9mm)        | 63  | UHD-NAND-BG63A      |
| WINBOND | NAND FLASH  | W29N04KZBxBA          | VFBGA(11x9mm)      | 63  | UHD-NAND-BG63A      |
| WINBOND | NAND FLASH  | W29N04KZBxBG          | VFBGA(11x9mm)      | 63  | UHD-NAND-BG63A      |
| WINBOND | NAND FLASH  | W29N08GVSxA           | TSOP(12x20mm)      | 48  | UHD-NAND-TS48V2     |
| WINBOND | NAND FLASH  | W29N08GZBxBA          | VFBGA(11x9mm)      | 63  | UHD-NAND-BG63A      |
| WINBOND | Serial PROM | W74M12JWSxQ           | SOP(5.3mm)         | 8   | UHD-SEEP-SO8A       |
| XMC     | Serial PROM | XM25LU128CHxQx08S     | SOP(5.3mm)         | 8   | UHD-SEEP-SO8A       |
| XMC     | Serial PROM | XM25LU128CXxQx08S     | WSO(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| XMC     | Serial PROM | XM25QH128DHxGx        | SOP(5.3mm)         | 8   | UHD-SEEP-SO8A       |
| XMC     | Serial PROM | XM25QH16CHxGx10Q      | SOP(5.3mm)         | 8   | UHD-SEEP-SO8A       |
| XMC     | Serial PROM | XM25QH16CJxGx10Q      | SOP(3.9mm)         | 8   | UHD-SEEP-SO8        |
| XMC     | Serial PROM | XM25QH256CKxQx08S     | SOP(7.5mm)         | 16  | UHD-SEEP-SO16       |
| XMC     | Serial PROM | XM25QH512CXxQx08S     | WSO(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| XMC     | Serial PROM | XM25QH64CHxQx08S      | SOP(5.3mm)         | 8   | UHD-SEEP-SO8A       |
| XMC     | Serial PROM | XM25QU256CXxQx08S     | WSO(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| XMC     | Serial PROM | XM25QU256DXxQx        | WSO(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| XMC     | Serial PROM | XM25QU512DXxQx        | WSO(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| XMC     | Serial PROM | XM25QU80BHxGx         | SOP(5.3mm)         | 8   | UHD-SEEP-SO8A       |
| XMC     | Serial PROM | XM25QU80BJxGx         | SOP(3.9mm)         | 8   | UHD-SEEP-SO8        |
| XMC     | Serial PROM | XM25QU80BUxGx         | USON(2x3mm)        | 8   | UHD-SEEP-SN8L       |
| XMC     | Serial PROM | XM25QU80BWxGx         | WSO(5x6mm)         | 8   | UHD-SEEP-SN8B       |
| XMC     | Serial PROM | XM25RU256DXxQx        | WSO(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| XMC     | Serial PROM | XM25RU512DXxQx        | WSO(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| XTX     | NAND FLASH  | 27Q14ABSIGA           | TFBGA(11x9mm)      | 63  | UHD-NAND-BG63A      |
| XTX     | NAND FLASH  | C1M99016DML           | TFBGA(11x9mm)      | 63  | UHD-NAND-BG63A      |
| XTX     | Serial PROM | XT25F128BSxxx         | SOP(5.3mm)         | 8   | UHD-SEEP-SO8A       |
| XTX     | Serial PROM | XT25F128FSxxx         | SOP(5.3mm)         | 8   | UHD-SEEP-SO8A       |
| XTX     | NAND FLASH  | XT26G02DWSxGx(enECC)  | WSO(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| XTX     | NAND FLASH  | XT26G04CWSxxx(disECC) | WSO(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| XTX     | NAND FLASH  | XT26G04CWSxxx(enECC)  | WSO(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| XTX     | NAND FLASH  | XT26G04DWSxGx(enECC)  | WSO(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| XTX     | NAND FLASH  | XT26G08DWSxGx(enECC)  | WSO(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| XTX     | NAND FLASH  | XT26G11CWSxxx(disECC) | WSO(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| XTX     | NAND FLASH  | XT26G11CWSxxx(enECC)  | WSO(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| XTX     | NAND FLASH  | XT26G12DWSxGx(disECC) | WSO(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| XTX     | NAND FLASH  | XT26G12DWSxGx(enECC)  | WSO(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| XTX     | NAND FLASH  | XT26Q02DWSxGx(enECC)  | WSO(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| XTX     | NAND FLASH  | XT26Q04DWSxGx(enECC)  | WSO(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| XTX     | NAND FLASH  | XT26Q12DWSxGx(disECC) | WSO(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| XTX     | NAND FLASH  | XT26Q12DWSxGx(enECC)  | WSO(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| XTX     | NAND FLASH  | XT26Q14DWSxGx(disECC) | WSO(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| XTX     | NAND FLASH  | XT26Q14DWSxGx(enECC)  | WSO(6x8mm)         | 8   | UHD-SEEP-SN8C       |
| XTX     | MPU/MCU     | XT95F698KPMC3         | LQFP(10x10mm)      | 44  | UHD-XT95F698-LQ44   |
| YMTc    | eMMC/eMCP   | YMEC6A2TB1A2C3C       | BGA(13x11.5mm)     | 153 | UHD-EMMC-BG153      |
| YMTc    | eMMC/eMCP   | YMEC7B0TE1A2C3        | BGA(13x11.5mm)     | 153 | UHD-EMMC-BG153      |
| YMTc    | eMMC/eMCP   | YMEC8B0TE2A2C3        | BGA(13x11.5mm)     | 153 | UHD-EMMC-BG153      |
| YUNTU   | MPU/MCU     | YTM32B1ME05xxxLLx     | LQFP(14x14mm)      | 100 | UHD-YTM32B1MX-QF100 |
| ZBIT    | Serial PROM | ZB25VQ40BTxG          | SOP(3.9mm)         | 8   | UHD-SEEP-SO8        |
| ZBIT    | Serial PROM | ZB25VQ80ASxxx         | SOP(5.3mm)         | 8   | UHD-SEEP-SO8A       |
| ZBIT    | Serial PROM | ZB25VQ80BSxxx         | SOP(5.3mm)         | 8   | UHD-SEEP-SO8A       |