

MODULEs

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IC Mfr.	MODULE Name	Optional TOP Name	IC Supported	Textool 板 Number	Textool Number
UNIVERSAL	M1-SPI-CN10 (P7113-0101)	No Need	Supports SST SST25VF020 ISP (In System Programming).(2x5-pin)	No Need	No Need
	M1-JTAG-CN10 (P7101-0101)	No Need	Supports JTAG ISP (In System Programming).(2x5-pin)	No Need	No Need
	M1-UN-BG68 (P7101-6101)	TOP-19B320-BG48 (P70W1-6101)	48-pin BGA(PITCH 0.8mm,11x8mm,B:0.45mm,8x6 Grid) socket. Supports WINBOND W19B320SBB,W19B320STB,W19L320SBB,W19L320STB.(TFBGA-48)	No Need	M3061-0484531
		TOP-29DL64DF-BG48 (P70A1-6107)	48-pin BGA(PITCH 0.8mm,9x8mm,B:0.4mm,8x6 Grid) socket. Supports SPANSION MBM29DL64DF-PBT.(FBGA-48)	No Need	M3061-0484553
		TOP-29F160-BG48 (P70A1-6102)	48-pin BGA(PITCH 0.8mm,9x8mm,B:0.3mm,8x6 Grid) socket. Supports AMD,FUJITSU,HYNIX,SPANSION 29DL161/162/163/164,29LV160/320,STM 29W160.(FBGA-48)	No Need	M3061-0484543
		TOP-29F320-BG48 (P70A1-6103)	48-pin BGA(PITCH 0.8mm,12x6mm,B:0.3mm,8x6 Grid) socket. Supports AMD,SPANSION 29DL323GB/GT,29LV320DB/DT.(FBGA-48)	No Need	M3061-0484544
		TOP-49B1614A-BG48 (P70A2-6101)	48-pin BGA(PITCH 0.8mm,8x6mm,B:0.35-0.55mm,8x6 Grid) socket. Supports AMD,FUJITSU,MXIC,SPANSION 29LV160/400/800; AMIC 29L800; ATMEL 49BV1614; FON EN29LV400; SST	No Need	M3061-0484511
		TOP-49BV322A-BG48 (P70A2-6102)	48-pin BGA(PITCH 0.8mm,10x7mm,B:0.4mm,8x6 Grid) socket. Supports ATMEL AT49BV322AT-C.(CBGA-48)	No Need	M3061-0484549
		TOP-AM29LV065D-BG63 (P70A1-6110)	48-pin BGA(PITCH 0.8mm,12x11mm,B:0.3mm,8x6 Grid) socket. Supports SPANSION AM29LV065DU-WH.(FBGA-63)	No Need	M3061-0484524
		TOP-K8D1616-BG48 (P70S0-6103)	48-pin BGA(PITCH 0.8mm,8.5x6mm,B:0.45mm,8x6 Grid) socket. Supports SAMSUNG K8D1616UBA/UTA,K8D1616UBB/UTB.(TBGA-48)	No Need	M3061-0484521
		TOP-K8D6316-BG48 (P70S0-6101)	48-pin BGA(PITCH 0.8mm,9x6mm,B:0.45mm,8x6 Grid) socket. Supports AMD,SPANSION AM29DL800BB/BT,AM29LV800B/BB/BT/T; FUJITSU,SPANSION MBM29DL32BF,MBM29LV800BA/TA; SAMSUNG	No Need	M3061-0484522
		TOP-M29DW32X-BG63 (P70S5-6102)	48-pin BGA(PITCH 0.8mm,11x7mm,B:0.45mm,8x6 Grid) socket. Supports STM M29DW640D-ZA.(TBGA-63)	No Need	M3061-0484523
		TOP-MX29LV320-BG48 (P70M0-6101)	48-pin BGA(PITCH 0.8mm,8x6mm,B:0.4mm,8x6 Grid) socket. Supports MXIC MX29LV160AB/ATXB,MX29LV320AB/ATXB,MX29LV400B/TX B,MX29LV800AB/TXB; SPANSION AM29LV160MB/MT-WA.(CSP/FBGA-48)	No Need	M3061-0484551
		TOP-S29GL064A-BG48 (P70A1-6111)	48-pin BGA(PITCH 0.8mm,10x6mm,B:0.4mm,8x6 Grid) socket. Supports SPANSION S29GL064A-BF-R4.(FBGA-48)	No Need	M3061-048454B
		TOP-S29PL064J-BG48 (P70A1-6105)	48-pin BGA(PITCH 0.8mm,8.15x6.15mm,B:0.38mm,8x6 Grid) socket. Supports SPANSION S29PL032JxxBA-12,S29PL032JxxBF-	No Need	M3061-048454A
		TOP-28F128K3-BG64 (P7010-6101)	64-pin BGA(PITCH 1.0mm,13x10mm,B:0.43mm,8x8 Grid) socket. Supports INTEL,MICRON 28F128/160/320/640/800; STM 30LW128,48LW032,064.(FBGA-64)	No Need	M3061-0645051
		TOP-28F128P3-BG64 (P7010-6110)	64-pin BGA(PITCH 1.0mm,10x8mm,B:0.43mm,8x8 Grid) socket. Supports INTEL PC28F128P33T,PC28F128P33B.(FBGA-64)	No Need	M3061-0645053
		TOP-28F256K3-BG64 (P7010-6106)	64-pin BGA(PITCH 1.0mm,15x10mm,B:0.43mm,8x8 Grid) socket. Supports INTEL RC28F256K3.(64-pin EBGA)	No Need	M3061-0645052
		TOP-S29GLXXN-BG64 (P70A1-6109)	64-pin BGA(PITCH 1.0mm,13x11mm,B:0.6mm,8x8 Grid) socket. Supports SPANSION S29GL064A-FA-R1/R2/R3/R4/R5.(BGA-64)	No Need	M3061-0645041
		TOP-28F160A-BG48 (P7010-6102)	48-pin BGA(PITCH 0.75mm,7.286x6.964mm,B:0.35mm,8x6 Grid) socket. Supports INTEL GE28F160B3/C3,GE28F320B3/C3,GT28F016B3/C3,GT28F160B3/C3.(uBGA-48)	No Need	M3061-0484051
		TOP-M28W320-BG48 (P70S5-6101)	48-pin BGA(PITCH 0.75mm,6.39x6.37mm,B:0.4mm,8x6 Grid) socket.	No Need	M3061-0484041
		TOP-28F256L18-BG79 (P7010-6107)	63-pin BGA(PITCH 0.75mm,11x9mm,B:0.375mm,9x7 Grid) socket. Supports INTEL GE28F256L18.(VFBGA-79)	No Need	M3061-0634052
		TOP-GE28F256-BG79 (P7010-6105)	63-pin BGA(PITCH 0.75mm,14.5x9mm,B:0.375mm,9x7 Grid) socket.	No Need	M3061-0634051
		TOP-36VF160-BG48 (P70S2-6101)	72-pin BGA(PITCH 0.8mm,10x8mm,B:0.4mm,12x8 Grid) socket. Supports SST S36VF160/1602,S36VF400A/800A,S36VF160/400A/800A.(TBGA-48)	No Need	M3061-0724551
		TOP-69LW3241-BG66 (P70M0-6102)	64-pin BGA(PITCH 0.8mm,11x8mm,B:0.45mm,8x8 Grid) socket. Supports ATMEL AT49BV321-C(CBGA-48); MXIC MX69LW164T/BX/MX69LW3241ATXB/ABXB.(CSP-66)	No Need	M3061-0644551
		TOP-KI03204-BG66 (P70M7-6101)	72-pin BGA(PITCH 0.8mm,12x8mm,B:0.4mm,12x8 Grid) socket. Supports MEMOCOM KI03204AT,KI03204AB.(FBGA-66)	No Need	M3061-0724552
		TOP-XPLA3-CS48 (P70X0-6101)	49-pin BGA(PITCH 0.8mm,7x7mm,B:0.5mm,7x7 Grid) socket. Supports XILINX XCR3032XL,XCR3064XL.(CSP-48)	No Need	M3061-0494521
		TOP-41DL1644-BG69 (P70A1-6101)	56-pin BGA(PITCH 0.8mm,11.6x8mm,B:0.3mm,8x8 Grid) socket. Supports AMD,SPANSION 41DL1634DT,41DL1644DB,41DL3224GB/GT,41DL3244GB/GT,42DL640AG.(FBGA-69)	No Need	M3061-0564521
		TOP-K5A3240-BG69 (P70S0-6104)	56-pin BGA(PITCH 0.8mm,11x8mm,B:0.45mm,8x8 Grid) socket. Supports FUJITSU,SPANSION MB84VD21194DA; MXIC MX69LW164T; SAMSUNG K5A3240YBA/YBB/YTA.(FBGA-69)	No Need	M3061-0564551
		TOP-KADXX0300-BG69 (P70S0-6107)	56-pin BGA(PITCH 0.8mm,8x11.6mm,B:0.45mm,8x8 Grid) socket. Supports SAMSUNG KAD070300A-T.(BGA-69)	No Need	M3061-0564522
		TOP-S71PL064J-BG56 (P70A1-6106)	56-pin BGA(PITCH 0.8mm,9x7mm,B:0.4mm,8x8 Grid) socket. Supports SPANSION S71PL016L,S71PL032L,S71PL064L.(FBGA-69)	No Need	M3061-0564541
		TOP-S71PL127J-BG64 (P70A1-6104)	60-pin BGA(PITCH 0.8mm,11.6x8mm,B:0.4mm,10x8 Grid) socket. Supports SPANSION S71PL127J,S71PL127N.(FBGA-64)	No Need	M3061-0604542
		TOP-49BV640D-BG48 (P70A2-6104)	48-pin BGA(PITCH 0.75mm,7x10mm,B:0.35mm,8x6 Grid) socket. Supports ATMEL AT49BV640D-CU.(CBGA-48)	No Need	M3061-0484023
		TOP-ATMEGA324-ML44 (P70A2-2103)	44-pin QFN(PITCH 0.5mm,7x7mm,Array:11 on 4 + 1) socket. Supports ATMEL ATMEGA164PV,ATMEGA324P.(MLF-44)	No Need	M3021-04415B1
		TOP-ATMEGA324P-BG49	49-pin BGA(PITCH 0.65mm,5x5mm,B:0.35mm,7x7 Grid) socket. Supports ATMEL ATMEGA324P.(VFBGA-49)	No Need	M3061-0493541
		TOP-AVR-ML28 (P70A2-2102)	28-pin QFN(PITCH 0.45mm,4x4mm,Array:7 on 4 + 1) socket. Supports ATMEL ATMEGA48,ATMEGA48V.(MLF-28)	No Need	M3021-02812B1
		TOP-AVR-ML32 (P70A2-2101)	32-pin QFN(PITCH 0.5mm,5x5mm,Array:8 on 4 + 1) socket. Supports ATMEL ATMEGA168,ATMEGA48,ATMEGA88.(MLF-32); HOLTEK HT82K68E.(QFN-32)	No Need	M3021-0321521
		TOP-AVR-ML44 (P70A2-2104)	44-pin QFN(PITCH 0.5mm,7x7mm,Array:11 on 4 + 1) socket. Supports ATMEL ATMEGA162.(MLF-44)	No Need	M3021-04415B1

MODULES

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		TOP-GE28F128-BG56 (P7010-6103)	56-pin BGA(PITCH 0.75mm,11x9mm,B:0.375mm,8x7 Grid) socket. Supports INTEL_GE28F128K18C.(VFBGA-56)	No Need	M3061-0564052	
		TOP-GE28F128W3-BG56 (P7010-6104)	56-pin BGA(PITCH 0.75mm,12.5x12mm,B:0.35mm,8x7 Grid) socket.	No Need	M3061-0564051	
		TOP-PH28F128-BG56 (P7010-6109)	56-pin BGA(PITCH 0.75mm,7.7x9mm,B:0.35mm,8x7 Grid) socket. Supports INTEL_PH28F128L18B.(VFBGA-56)	No Need	M3061-0564053	
		TOP-JZ48FXXX-BG88 (P7010-6111)	80-pin BGA(PITCH 0.8mm,11x8mm,B:0.375mm,10x8 Grid) socket. Supports NUMONYX_JZ48F400L0YB00.(SCSP-88)	No Need	M3061-0804521	
		TOP-PF38FXXX-BG88 (P7010-6108)	96-pin BGA(PITCH 0.8mm,10x8mm,B:0.4mm,12x8 Grid) socket. Supports INTEL_PF38F2030W0YTOE.PF38F2040W0YTO0.(SCSP-	No Need	M3061-0964552	
		TOP-K8P2815-BG80 (P70S0-6109)	64-pin BGA(PITCH 0.8mm,11x8mm,B:0.4mm,8x8 Grid) socket. Supports SAMSUNG_K8P2815UOB-D.(FBGA-80)	No Need	M3061-0644542	
		TOP-LFXP2-BG132 (P70L1-6101)	132-pin BGA(PITCH 0.5mm,8x8mm,B:0.3mm,14x14 Grid) socket. Supports LATTICE_LFXP2-5E.LFXP2-8E.(csFBGA-132)	No Need	M3061-1321541	
		TOP-MCU-QN48 (P70M2-2101)	48-pin QFN(PITCH 0.5mm,7x7mm,Array:12 on 4 + 1) socket. Supports FREESCALE,MOTOROLA_MC9S08GT16CFD; XILINX_XC2C64A.(OFN-48)	No Need	M3021-04815B1	
		TOP-S29WS512P-BG84 (P70A1-6112)	80-pin BGA(PITCH 0.8mm,11.6x8mm,B:0.4mm,10x8 Grid) socket. Supports SPANSION_S29WS512P-BF-00.(FBGA-84)	No Need	M3061-0804541	
		TOP-S71PL254J-BG84 (P70A1-6108)	80-pin BGA(PITCH 0.8mm,11.6x8mm,B:0.4mm,10x8 Grid) socket. Supports SPANSION_S71PL254JxxBF.(FBGA-84)	No Need	M3061-0804541	
		TOP-UN-QN48 (P7001-2101)	48-pin QFN(PITCH 0.5mm,7x7mm,Array:12 on 4 + 1) socket. Supports pin to pin.(OFN-48)	No Need	M3021-0481522	
		M1-UN-BG68A (P7101-6103)	TOP-49B1614A-BG48A (P70A2-6105)	48-pin BGA(PITCH 0.8mm,8x6mm,B:0.35-0.55mm,8x6 Grid) socket. Supports AMD,FUJITSU,MXIC,SPANSION_29LV160/400/800; AMIC_29L800; ATMEL_49BV1614A; FON_EN29LV400; SST	No Need	M3061-0484511
			TOP-MX29LV320-BG48A (P70M0-6103)	48-pin BGA(PITCH 0.8mm,8x6mm,B:0.4mm,8x6 Grid) socket. Supports MXIC_MX29LV160AB/ATXB,MX29LV320AB/ATXB,MX29LV400B/TX B,MX29LV800AB/TXB; SPANSION_AM29LV160MB/MT-	No Need	M3061-0484551
			TOP-S29PL064J-BG48A (P70A1-6113)	48-pin BGA(PITCH 0.8mm,8.15x6.15mm,B:0.38mm,8x6 Grid) socket. Supports SPANSION_S29PL032JxxBA-12,S29PL032JxxBF-	No Need	M3061-048454A
		M1-UN-DP48 (P7101-1001)	No Need	48-pin DIP socket. Supports pin to pin.(DIP-8 - DIP-48)	No Need	M3010-0487571
	M1-UN-LQ48 (P7101-7006)	No Need	48-pin QFP(PITCH 0.5mm,7x7mm) socket. Supports pin to pin.(QFP-48)	M1370-0481531	M3070-0481531	
	M1-UN-ML16 (P7101-2109)	No Need	16-pin QFN(PITCH 0.5mm,3x3mm,Array:4 on 4) socket. Supports pin to pin.(MLF/QFN-16)	No Need	M3021-0161521	
	M1-UN-ML20 (P7101-2101)	No Need	20-pin QFN(PITCH 0.5mm,4x4mm,Array:5 on 4 + 1) socket. Supports pin to pin.(MLF/QFN-20)	No Need	M3021-02015B2	
	M1-UN-ML40 (P7101-2104)	No Need	40-pin QFN(PITCH 0.5mm,6x6mm,Array:10 on 4 + 1) socket. Supports pin to pin.(MLF/QFN-40)	No Need	M3021-04015B1	
	M1-UN-ML64 (P7101-2103)	No Need	64-pin QFN(PITCH 0.5mm,9x9mm,Array:16 on 4 + 1) socket. Supports pin to pin.(MLF/QFN-64)	No Need	M3021-0641521	
	M1-UN-PL44 (P7101-3001)	No Need	44-pin PLCC socket. Supports pin to pin.(PLCC-44)	No Need	M3030-0445521	
	M1-UN-PS44 (P7101-8002)	No Need	44-pin SOP(PITCH 1.27mm,13.6mm) socket. Supports pin to pin.(PSOP-44)	No Need	M3080-0445521	
	M1-UN-QF32 (P7101-7003)	No Need	32-pin QFP(PITCH 0.8mm,7x7mm) socket. Supports pin to pin.(QFP-32)	M1370-0324531	M3070-0324531	
	M1-UN-QF64 (P7101-7001)	No Need	64-pin QFP(PITCH 0.8mm,14x14mm) socket. Supports pin to pin.(QFP-64)	M1370-0644532	M3070-0644532	
	M1-UN-QN28 (P7101-2106)	No Need	28-pin QFN(PITCH 0.5mm,5x5mm,Array:7 on 4 + 1) socket. Supports pin to pin.(MLF/QFN-28)	No Need	M3021-02815B2	
	M1-UN-SD42 (P7101-1101)	No Need	42-pin SDIP(PITCH 1.778mm,600mil) socket. Supports pin to pin.(SDIP-42)	No Need	M3011-0426511	
	M1-UN-SO28 (P7101-8004)	No Need	28-pin SOP(PITCH 1.27mm,7.5mm) socket. Supports pin to pin.(SOP-28)	M1380-0285533	M3080-0285533	
	M1-UN-SS34 (P7101-8103)	No Need	34-pin SOP(PITCH 0.65mm,5.3mm) socket. Supports pin to pin.(SSOP-34)	M1381-0343531	M3081-0343531	
	M1-UN-SS48 (P7101-8104)	No Need	48-pin SOP(PITCH 0.635mm,7.5mm) socket. Supports pin to pin.(SSOP-48)	M1381-0483031	M3081-0483031	
	M1-UN-TQ48 (P7101-7002)	No Need	48-pin QFP(PITCH 0.5mm,7x7mm) socket. Supports pin to pin.(QFP-48)		M3070-0481532	
	M1-UN-TQ64 (P7101-7005)	No Need	64-pin QFP(PITCH 0.5mm,10x10mm) socket. Supports pin to pin.(QFP-64)	M1370-0641533	M3070-0641533	
	M1-UN-TS48 (P7101-8201)	No Need	48-pin SOP(PITCH 0.5mm,18.4mm) socket. Supports pin to pin.(TSOP-48)	M1382-0481521	M3082-0481521	
	M1-UN-TS48A (P7101-8205)	No Need	48-pin SOP(PITCH 0.5mm,18.4mm) socket. Supports pin to pin.(TSOP-48)	M1382-0481531	M3082-0481532	
	M1-UN-TS56 (P7101-8202)	No Need	56-pin SOP(PITCH 0.5mm,18.4mm) socket. Supports pin to pin.(TSOP-56)	M1382-0561521	M3082-0561521	
		*ALL-100-PIN CARD (P1411-00001)				
	EPROM/FLASH (28 pin-88 pin)	M4-EP16M-PL44 (P7211-3001)	No Need	4 gang sockets. 44-pin PLCC socket. Supports word wide EPROM from 4M to 16M.(PLCC-44)	No Need	M3030-0445521
		M4-EP32M-SJ42 (P7211-4001)	No Need	4 gang sockets. 42-pin SOJ(PITCH 1.27mm,10.16mm,Dead Bug) socket. Supports word wide EPROM from 8M to 32M; OKI MR27V402E.(SOJ-42)	No Need	M3040-0425521
		M4-FLASH-BG48 (P7221-6102)	TOP-19B320-BG48 (P70W1-6101)	Gang MODULE,Need option TOP(4pcs). 48-pin BGA(PITCH 0.8mm,11x8mm,B:0.45mm,8x6 Grid) socket. Supports WINBOND W19B320SBB,W19B320STB,W19L320SBB,W19L320STB.(TFBGA-48)	No Need	M3061-0484531
			TOP-29DL64DF-BG48 (P70A1-6107)	Gang MODULE,Need option TOP(4pcs). 48-pin BGA(PITCH 0.8mm,9x8mm,B:0.4mm,8x6 Grid) socket. Supports SPANSION_MBM29DL64DF-PBT.(FBGA-48)	No Need	M3061-0484553
		TOP-29F160-BG48 (P70A1-6102)	Gang MODULE,Need option TOP(4pcs). 48-pin BGA(PITCH 0.8mm,9x8mm,B:0.3mm,8x6 Grid) socket. Supports AMD,FUJITSU,HYNIX,SPANSION_29D116L162/163/164,29LV160/320; STM_29W160.(FBGA-48)	No Need	M3061-0484543	
		TOP-29F320-BG48 (P70A1-6103)	Gang MODULE,Need option TOP(4pcs). 48-pin BGA(PITCH 0.8mm,12x6mm,B:0.3mm,8x6 Grid) socket. Supports AMD,SPANSION_29DL323GB/GT,29LV320DB/DT.(FBGA-48)	No Need	M3061-0484544	

MODULEs

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		TOP-49B1614A-BG48 (P70A2-6101)	Gang MODULE,Need option TOP(4pcs). 48-pin BGA(PITCH 0.8mm,8x6mm,B:0.35~0.55mm,8x6 Grid) socket. Supports AMD,FUJITSU,MXIC,SPANSION 29LV160/400/800; AMIC 29L800; ATMEL 49BV1614; FON EN29LV400; SST	No Need	M3061-0484511
		TOP-49BV322A-BG48 (P70A2-6102)	Gang MODULE,Need option TOP(4pcs). 48-pin BGA(PITCH 0.8mm,10x7mm,B:0.4mm,8x6 Grid) socket. Supports ATMEL AT49BV322AT-C.(CBGA-48)	No Need	M3061-0484549
		TOP-AM29LV065D-BG63 (P70A1-6110)	Gang MODULE,Need option TOP(4pcs). 48-pin BGA(PITCH 0.8mm,12x11mm,B:0.3mm,8x6 Grid) socket. Supports SPANSION AM29LV065DU-WH.(FBGA-63)	No Need	M3061-0484524
		TOP-K8D1616-BG48 (P70S0-6103)	Gang MODULE,Need option TOP(4pcs). 48-pin BGA(PITCH 0.8mm,8.5x6mm,B:0.45mm,8x6 Grid) socket. Supports SAMSUNG K8D1616UBA/UTA,K8D1616UBB/UTB.(TBGA-48)	No Need	M3061-0484521
		TOP-K8D6316-BG48 (P70S0-6101)	Gang MODULE,Need option TOP(4pcs). 48-pin BGA(PITCH 0.8mm,9x6mm,B:0.45mm,8x6 Grid) socket. Supports AMD,SPANSION AM29DL800BB/BT,AM29LV800B/BB/BT/T; FUJITSU,SPANSION MBM29DL32BF,MBM29LV800BA/TA; SAMSUNG K8D6316UBM/UTM,K8D6316UBB/UTB,K8D3216UBB/UTB;	No Need	M3061-0484522
		TOP-M29DW32X-BG63 (P70S5-6102)	Gang MODULE,Need option TOP(4pcs). 48-pin BGA(PITCH 0.8mm,11x7mm,B:0.45mm,8x6 Grid) socket. Supports STM.M29DW640D-ZA.(TBGA-63)	No Need	M3061-0484523
		TOP-MX29LV320-BG48 (P70M0-6101)	Gang MODULE,Need option TOP(4pcs). 48-pin BGA(PITCH 0.8mm,8x6mm,B:0.4mm,8x6 Grid) socket. Supports MXIC MX29LV160AB/ATXB,MX29LV320AB/ATXB,MX29LV400B/TX B,MX29LV800AB/TXB; SPANSION AM29LV160MB/MT- WA.(CSP/FBGA-48)	No Need	M3061-0484551
		TOP-S29GL064A-BG48 (P70A1-6111)	Gang MODULE,Need option TOP(4pcs). 48-pin BGA(PITCH 0.8mm,10x6mm,B:0.4mm,8x6 Grid) socket. Supports SPANSION S29GL064A-BE-R4.(FBGA-48)	No Need	M3061-048454B
		TOP-S29PL064J-BG48 (P70A1-6105)	Gang MODULE,Need option TOP(4pcs). 48-pin BGA(PITCH 0.8mm,8.15x6.15mm,B:0.38mm,8x6 Grid) socket. Supports SPANSION S29PL0321xxBA-12,S29PL0321xxBF-	No Need	M3061-048454A
	M4-FLASH-PS44 (P7221-8001)	No Need	4 gang sockets. 44-pin SOP(PITCH 1.27mm,13.6mm) socket. Supports pin to pin.(PSOP-44)	No Need	M3080-0445521
	M4-FLASH-PS44B (P7221-8002)	No Need	4 gang sockets. 44-pin SOP(PITCH 1.27mm,13.6mm) socket. Supports INTEL TB28F008SA.(PSOP-44)	No Need	M3080-0445521
	M4-FLASH-TS40 (P7221-8204)	No Need	4 gang sockets. 40-pin SOP(PITCH 0.5mm,18.4mm) socket. Supports FLASH MEMORY 40-pin IC (WORD-WIDE).(TSOP-40)	M1382-0401521	M3082-0401521
	M6-EP512-TS20 (P7411-8101)	No Need	6 gang sockets. 20-pin SOP(PITCH 0.65mm,4.4mm) socket. Supports EPROM from 27C64 to 27C512.(TSOP-20)	M1381-0283532	M3081-0203533
	M6-EP512-TS28N (P7411-8201)	No Need	6 gang sockets. 28-pin SOP(PITCH 0.55mm,11.8mm) socket. Supports EPROM from 27C64 to 27C512,FLASH 28F512,FLASH 29F512.(TSOP-28,8x13.4mm)		M3082-0282531
	M6-FLASH-DP32 (P7421-1001)	No Need	6 gang sockets. 32-pin DIP socket. Supports E(E)PROM/FLASH/LPC/FWH DIP28/32 package ICs.(DIP-28/32)	No Need	M3010-0327571
	M6-FLASH-PL32 (P7421-3001)	No Need	6 gang sockets. 32-pin PLCC socket. Supports E(E)PROM/FLASH/LPC/FWH PLCC32 package ICs.(PLCC-32)	No Need	M3030-0325521
	M6-FLASH-TS32N (P7421-8201)	No Need	6 gang sockets. 32-pin SOP(PITCH 0.5mm,12.4mm) socket. Supports FLASH/LPC/FWH TSOP32 package ICs.(TSOP-	M1382-0321523	M3082-0321523
	M6-FLASH-TS32W (P7421-8203)	No Need	6 gang sockets. 32-pin SOP(PITCH 0.5mm,18.4mm) socket. Supports FLASH/LPC/FWH TSOP32 package ICs.(TSOP-	M1382-0321521	M3082-0321521
	M8-FLASH-TS48 (P7321-8201)	No Need	8 gang sockets. 48-pin SOP(PITCH 0.5mm,18.4mm) socket. Supports FLASH MEMORY 48-pin IC (WORD-WIDE).(TSOP-48)	M1382-0481521	M3082-0481521
	M8-FLASH-TS48B (P7321-8207)	No Need	8 gang sockets. 48-pin SOP(PITCH 0.5mm,18.4mm) socket. Supports FLASH MEMORY 48-pin IC (WORD-WIDE).(TSOP-48)	M1382-0481531	M3082-0481532
	M8-FLASH-TS56 (P7321-8203)	No Need	8 gang sockets. 56-pin SOP(PITCH 0.5mm,18.4mm) socket. Supports INTEL 28F128J3A/J3C/J5,28F320J3A/J3C/J5,28F640J3A/J3C/J5,28F016S A/SV,28F032SA.(TSOP-56)	M1382-0561521	M3082-0561521
	M8-FLASH-TS56A (P7321-8210)	No Need	Special MODULE. Please check R&D Dept. 8 gang sockets. 56-pin SOP(PITCH 0.5mm,18.4mm) socket. Supports INTEL 28F128J3A/J3C/J5,28F320J3A/J3C/J5,28F640J3A/J3C/J5,28F016S A/SV,28F032SA.(TSOP-56)	M1382-0561541	M3082-0561541
MPU51	M4-MPU51-DP40 (P7214-1001)	No Need	4 gang sockets. 40-pin DIP socket. Supports MPU 8751/89C51 series.(DIP-40)	No Need	M3010-0407571
	M4-MPU51-PL44 (P7214-3001)	No Need	4 gang sockets. 44-pin PLCC socket. Supports MPU 8751/89C51 series.(PLCC-44)	No Need	M3030-0445521
	M4-MPU51-QF44 (P7214-7001)	No Need	4 gang sockets. 44-pin QFP(PITCH 0.8mm,10x10mm) socket. Supports MPU 8751/89C51 series.(TOFP/OFP-44)	No Need	M3070-0444521
	M4-MPU51-TQ48 (P7214-7002)	No Need	4 gang sockets. 48-pin QFP(PITCH 0.5mm,7x7mm) socket. Supports WINBOND W78LE516.(LOFP-48)	M1370-0481531	M3070-0481531
NAND	M4-NAND-BG63 (P7221-6101)	TOP-1G08R-BG63 (P70S0-6108)	Special TOP & MODULE. Please check R&D Dept. Gang MODULE,Need option TOP(4pcs). 48-pin BGA(PITCH 0.8mm,12x9.5mm,B:0.45mm,8x6 Grid) socket. Supports SAMSUNG K9F1G08R08B.(FBGA-63)	No Need	M3061-048454D

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IC Mfr.	MODULE Name	Optional TOP Name	IC Supported	Textool 板 Number	Textool Number	
		TOP-F1208-BG63 (P70S0-6105)	Special TOP & MODULE. Please check R&D Dept. Gang MODULE,Need option TOP(4pcs). 48-pin BGA(PITCH 0.8mm,13x8.5mm,B:0.45mm,8x6 Grid) socket. Supports SAMSUNG K9E120800X (FBGA-63)	No Need	M3061-0484554	
		TOP-F5608-BG63 (P70S0-6102)	Special TOP & MODULE. Please check R&D Dept. Gang MODULE,Need option TOP(4pcs). 48-pin BGA(PITCH 0.8mm,11x9mm,B:0.45mm,8x6 Grid) socket. Supports SAMSUNG K9F560810X K9K120810X (FBGA-63)	No Need	M3061-0484552	
		TOP-K5D5613-BG137 (P70S0-6106)	Special TOP & MODULE. Please check R&D Dept. Gang MODULE,Need option TOP(4pcs). 130-pin BGA(PITCH 0.8mm,13x10.5mm,B:0.45mm,13x10 Grid) socket. Supports SAMSUNG K5D5613HCM (FBGA-137)	No Need	M3061-1374521	
		TOP-HIN1B56-BG123 (P70H4-6101)	Special TOP & MODULE. Please check R&D Dept. Gang MODULE,Need option TOP(4pcs). 144-pin BGA(PITCH 0.8mm,12x12mm,B:0.45mm,12x12 Grid) socket	No Need	M3061-1444521	
		TOP-N1B56XXB-BGA110 (P70H5-6101)	Special TOP & MODULE. Please check R&D Dept. Gang MODULE,Need option TOP(4pcs). 110-pin BGA(PITCH 0.8mm,13x10mm,B:0.45mm,15x11 Grid) socket	No Need	M3061-11045E1	
		TOP-NAND-TS44 (P70S0-8301)	Special TOP & MODULE. Please check R&D Dept. Gang MODULE,Need option TOP(4pcs). 44-pin SOP(PITCH 0.8mm,10.16mm) socket. Supports SAMSUNG K9E640810C (TSOP-44)	No Need	M3083-0444531	
		M4-NAND-TS48A (P7221-8208)	No Need	Special MODULE. Please check R&D Dept. 4 gang sockets. 48-pin SOP(PITCH 0.5mm,18.4mm) socket. Supports NAND device 48-pin IC; SAMSUNG K9WAG0811A (TSOP-48)	M1382-0481531	M3082-0481532
		M4-NAND-TS48C (P7221-8209)	No Need	Special MODULE. Please check R&D Dept. 4 gang sockets. 48-pin SOP(PITCH 0.5mm,18.4mm) socket. Supports NAND device 48-pin IC; SAMSUNG K9WAG0811A (TSOP-48)	M1382-0481521	M3082-0481521
		M4-NAND-US48 (P7221-8206)	No Need	Special MODULE. Please check R&D Dept. 4 gang sockets. 48-pin SOP(PITCH 0.5mm,15.4mm) socket. Supports NAND device 48-pin IC (USOP-48)		M3082-0481551
Serial EEPROM	M4-SEEP-DP8 (P7213-1001)	No Need	4 gang sockets. 32-pin DIP socket. Supports SERIAL EEPROM (DIP-8)	No Need	M3010-0327571	
	M4-SEEP-SO16 (P7213-8005)	No Need	4 gang sockets. 16-pin SOP(PITCH 1.27mm,3.9mm) socket. Supports SERIAL EEPROM (SOP-16)	M1380-0165532	M3080-0165532	
	M4-SEEP-SO8A (P7213-8003)	No Need	4 gang sockets. 8-pin SOP(PITCH 1.27mm,5.4mm) socket. Supports SERIAL EEPROM: MICROCHIP PIC12C509A (SOP-8)	M1380-0205531	M3080-0085532	
	M4-SEEP-SO8B (P7213-8007)	No Need	4 gang sockets. 8-pin SOP(PITCH 1.27mm,4.4mm) socket. Supports SERIAL EEPROM (SOP-8,173mil)	M1380-0085541	M3080-0085541	
	M4-SEEP-SS8 (P7213-8101)	No Need	4 gang sockets. 8-pin SOP(PITCH 0.65mm,4.4mm) socket. Supports SERIAL EEPROM (SSOP-8)	M1381-0283532	M3081-0083532	
	M6-SEEP-SN8 (P7413-2201)	No Need	6 gang sockets. 8-pin SON(PITCH 1.27mm,5x6mm,Array:4 on 2 + 1) socket. Supports SERIAL EEPROM (SON-8)	No Need	M3022-00855B2	
	M6-SEEP-SN8A (P7413-2203)	No Need	6 gang sockets. 8-pin SON(PITCH 1.3mm,6x8mm,Array:4 on 2) socket. Supports SERIAL EEPROM (SON-8)	No Need	M3022-00855B1	
ATMEL	M1-AVR-QF44 (P71A2-7001)	No Need	44-pin QFP(PITCH 0.8mm,10x10mm) socket. Supports ATMEL ATMEGA16/L; FREESCALE.MOTOROLA MC56F8025,MC9S08AW16/32/48/60CFGE; LATTICE ispLSI2032E/V/VE,ispLSI2064V/VE; XILINX XC2C32/64/A XC9536/72/XL/XV (OFP-44)	M1370-0444531	M3070-0444531	
	M4-89C51CC01-PL44 (P72A2-3002)	No Need	4 gang sockets. 44-pin PLCC socket. Supports ATMEL AT89C51CC01,AT89C51CC03,AT89C51AC2,AT89C51AC3,T89C51AC2,T89C51CC01 (PLCC-44)	No Need	M3030-0445521	
	M4-AT17XX-PL20 (P72A2-3001)	No Need	4 gang sockets. 20-pin PLCC socket. Supports ATMEL AT17XX series; XILINX XC17XX series (PLCC-)	No Need	M3030-0205521	
	M4-AT89C5131-QN32 (P72A2-2102)	No Need	4 gang sockets. 32-pin QFN(PITCH 0.65mm,7x7mm,Array:8 on 4 + 1) socket. Supports ATMEL AT89C5130A,AT89C5131A (MLF-32)	No Need	M3021-0323531	
	M4-AVR-ML32A (P72A2-2103)	TOP-AVR-ML32 (P70A2-2101)	4 gang sockets. 32-pin QFN(PITCH 0.5mm,5x5mm,Array:8 on 4 + 1) socket. Supports ATMEL AT90USB162 (MLF-32)	No Need	M3021-0321521	
	M4-AVR-ML32B (P72A2-2104)	TOP-AVR-ML32 (P70A2-2101)	4 gang sockets. 32-pin QFN(PITCH 0.5mm,5x5mm,Array:8 on 4 + 1) socket. Supports ATMEL ATMEGA168 ATMEGA48 ATMEGA88 ATTINY26L (MLF-32)	No Need	M3021-0321521	
	M4-AVR-QF44 (P72A2-7001)	No Need	4 gang sockets. 44-pin QFP(PITCH 0.8mm,10x10mm) socket. Supports ATMEL ATMEGA32 (OFP-44)	M1370-0444531	M3070-0444531	
	M6-AT45XX-SO28 (P74A2-8001)	No Need	6 gang sockets. 28-pin SOP(PITCH 1.27mm,8.7mm) socket. Supports ATMEL AT45XX series (SOP-28)	M1380-0285535	M3080-0285535	
	M6-AT45XX-TS28 (P74A2-8201)	No Need	6 gang sockets. 28-pin SOP(PITCH 0.55mm,11.8mm) socket. Supports ATMEL AT45XX series (TSOP-28,8x13.4mm)		M3082-0282531	
AUO	M8-AUO12301-QF64 (P73A9-7001)	No Need	Special MODULE. Please check R&D Dept. 8 gang sockets. 64-pin QFP(PITCH 0.4mm,7x7mm) socket. Supports AUO AUO12301 K2 (OFP-64)	M1370-0641031	M3070-0641031	
A-MEN	M4-SIM64368-QN16 (P72A7-2101)	No Need	4 gang sockets. 16-pin QFN(PITCH 0.65mm,4x4mm,Array:4 on 4 + 1) socket. Supports A-MEN SIM64368 (QFN-16)	No Need	M3021-01635B1	
CYPRESS	M1-CY8C20234-ML16 (P71C1-2104)	No Need	16-pin QFN(PITCH 0.5mm,3x3mm,Array:4 on 4) socket. Supports CYPRESS CY8C20234-12L KXL (QFN-16)	No Need	M3021-0161521	
	M1-CY8C20234-ML24 (P71C1-2105)	No Need	24-pin QFN(PITCH 0.5mm,4x4mm,Array:6 on 4) socket. Supports CYPRESS CY8C20334-12L EXL CY8C21323-	No Need	M3021-0241521	

IC Mfr.	MODULE Name	Optional TOP Name	IC Supported	Textool 板 Number	Textool Number
	M1-CY8C2XXXX-ML32B (P71C1-2108)	No Need	32-pin QFN(PITCH 0.5mm,5x5mm,Array:8 on 4 + 1) socket. Supports CYPRESS CY8C20424-12LXXI,CY8C20434-12LXXI,CY8C21434-24LXXI,(OFN-32)	No Need	M3021-0321523
EMBER	M4-EM250-QN48 (P72E3-2101)	No Need	4 gang sockets. 48-pin QFN(PITCH 0.5mm,7x7mm,Array:12 on 4 + 1) socket. Supports EMBER EM250,(OFN-48)	No Need	M3021-0481522
	M4-EM260-QN40 (P72E3-2102)	No Need	4 gang sockets. 40-pin QFN(PITCH 0.5mm,6x6mm,Array:10 on 4 + 1) socket. Supports EMBER EM260,(OFN-40)	No Need	M3021-04015B1
FUJITSU	M1-MB90F347-LQ100 (P71F0-7003)	No Need	100-pin QFP(PITCH 0.5mm,14x14mm) socket. Supports FUJITSU MB90F347,(LOFP-100)	M1370-1001531	M3070-1001531
	M1-MB90F347-QF100 (P71F0-7101)	No Need	100-pin QFP(PITCH 0.65mm,14x20mm) socket. Supports FUJITSU MB90F947,MB90F347,(QFP-100)	M1371-1003531	M3071-1003531
	M1-MB90F543GS-QF100 (P71F0-7001)	No Need	100-pin QFP(PITCH 0.5mm,14x14mm) socket. Supports FUJITSU MB90F543GS,(QFP-100)	M1370-1001531	M3070-1001531
HOLTEK	M4-HT8A-QF64 (P72H0-7101)	No Need	4 gang sockets. 64-pin QFP(PITCH 1.0mm,14x20mm) socket. Supports HOLTEK HT48R70A-1,HT48F70,HT48RU80,(QFP-64)	No Need	M3071-0645022
	M4-HT8A-SO28 (P72H0-8001)	No Need	4 gang sockets. 28-pin SOP(PITCH 1.27mm,7.5mm) socket. Supports HOLTEK HT46R22,HT46R23,HT46R24,HT48R12(24),HT48R10A,HT48R30 A,HT48R31(28),HT48R50A,HT48RA3,HT48RA5,HT48RB8,82K68 E(28),(SOP-18/20/24/28)	M1380-0285533	M3080-0285533
	M4-HT8A-SS56 (P72H0-8101)	No Need	4 gang sockets. 56-pin SOP(PITCH 0.635mm,7.8mm) socket. Supports HOLTEK HT46R24,HT48R50A,HT48R70A,(SSOP-48/56)	No Need	M3081-0563021
	M4-HT8B-SO28 (P72H0-8002)	No Need	4 gang sockets. 28-pin SOP(PITCH 1.27mm,7.5mm) socket. Supports HOLTEK HT48R05,HT48R06,HT48R12(18/20),HT48R31(18/20),HT48RA0,HT48RA0A,82K68E(20),(SOP-18/20/24/28)	M1380-0285533	M3080-0285533
INFINEON (SIEMENS)	M4-C164CI-QF80 (P72S3-7003)	No Need	4 gang sockets. 80-pin QFP(PITCH 0.65mm,14x14mm) socket. Supports INFINEON SAK-C164CI-8EM,(QFP-80)	M1370-0803533	M3070-0803533
	M4-C505CA-QF44 (P72S3-7001)	No Need	4 gang sockets. 44-pin QFP(PITCH 0.8mm,10x10mm) socket. Supports INFINEON SAB-C505CA-4E,(QFP-44)	M1370-0444533	M3070-0444533
	M4-C515C-QF80 (P72S3-7002)	No Need	4 gang sockets. 80-pin QFP(PITCH 0.65mm,14x14mm) socket. Supports INFINEON SAF-C515C-8EM,(QFP-80)	M1370-0803533	M3070-0803533
INTEL	M1-D8749-DP40 (P710-1001)	No Need	48-pin DIP socket. Supports INTEL 8748,8749,(DIP-40)	No Need	M3010-0487571
	M4-GE28FXXX-BG79 (P7210-6102)	TOP-28F256L18-BG79 (P7010-6107)	Gang MODULE,Need option TOP(4pcs). 63-pin BGA(PITCH 0.75mm,11x9mm,B:0.375mm,9x7 Grid) socket. Supports INTEL GE28F256L18,(VEBGA-79)	No Need	M3061-0634052
		TOP-GE28F256-BG79 (P7010-6105)	Gang MODULE,Need option TOP(4pcs). 63-pin BGA(PITCH 0.75mm,14.5x9mm,B:0.375mm,9x7 Grid) socket.	No Need	M3061-0634051
	M4-PF38FXXX-BG88 (P7210-6103)	TOP-PF38FXXX-BG88 (P7010-6108)	Gang MODULE,Need option TOP(4pcs). 96-pin BGA(PITCH 0.8mm,10x8mm,B:0.4mm,12x8 Grid) socket. Supports INTEL PF38F2030W0YTOE,PF38F2040W0YTO0,(SCSP-	No Need	M3061-0964552
	M4-PH28FXXX-BG48 (P7210-6106)	TOP-28F160A-BG48 (P7010-6102)	Gang MODULE,Need option TOP(4pcs). 48-pin BGA(PITCH 0.75mm,7.286x6.964mm,B:0.35mm,8x6 Grid) socket.	No Need	M3061-0484051
	M4-RC28FXXX-BG64 (P7210-6101)	TOP-28F128K3-BG64 (P7010-6101)	Gang MODULE,Need option TOP(4pcs). 64-pin BGA(PITCH 1.0mm,13x10mm,B:0.43mm,8x8 Grid) socket. Supports INTEL RC28F128J3C,RC28F128K3C,(EBGA-64)	No Need	M3061-0645051
		TOP-28F128P3-BG64 (P7010-6110)	Gang MODULE,Need option TOP(4pcs). 64-pin BGA(PITCH 1.0mm,10x8mm,B:0.43mm,8x8 Grid) socket. Supports INTEL PC28F128P33T,PC28F128P33B,(EBGA-64)	No Need	M3061-0645053
		TOP-28F256K3-BG64 (P7010-6106)	Gang MODULE,Need option TOP(4pcs). 64-pin BGA(PITCH 1.0mm,15x10mm,B:0.43mm,8x8 Grid) socket. Supports INTEL RC28F256K3,(64-pin EBGA)	No Need	M3061-0645052
	M4-RC28FXXX-BG64A (P7210-6105)	TOP-28F128K3-BG64 (P7010-6101)	Gang MODULE,Need option TOP(4pcs). 64-pin BGA(PITCH 1.0mm,13x10mm,B:0.43mm,8x8 Grid) socket. Supports INTEL PC48F4400P0VB00,(EBGA-64)	No Need	M3061-0645051
M8-28F256P-TS56 (P7310-8201)	No Need	8 gang sockets. 56-pin SOP(PITCH 0.5mm,18.4mm) socket. Supports INTEL JS28F256P30B,(TSOP-56)	M1382-0561521	M3082-0561521	
LATTICE	M1-MACH4000-TQ100 (P71L1-7001)	No Need	100-pin QFP(PITCH 0.5mm,14x14mm) socket. Supports LATTICE LC4064B/C/V/ZC,LC4128B/C/V/ZC,LC4256B/V,(TOFP-100)	M1370-1001531	M3070-1001531
	M4-MACH-PL44 (P72L1-3001)	No Need	4 gang sockets. 44-pin PLCC socket. Supports LATTICE iM4A3-32/32,iM4A5-32/32,iM4A3-64/32,iM4A5-64/32 (PLCC-44)	No Need	M3030-0445521
MAXIM (DALLAS)	M4-MAX9669-QN28 (P72D0-2101)	No Need	4 gang sockets. 28-pin QFN(PITCH 0.5mm,5x5mm,Array:7 on 4 + 1) socket. Supports DALLAS MAXIM MAX9669,(OFN-28)	No Need	M3021-02815B2
MICROCHIP	M4-PIC18FJXX-SS28 (P72M1-8103)	No Need	4 gang sockets. 28-pin SOP(PITCH 0.65mm,5.3mm) socket. Supports MICROCHIP PIC18F24J10,(SSOP-28)	M1381-0343531	M3081-0283531
	M4-PICP-DP28 (P72M1-1003)	No Need	4 gang sockets. 32-pin DIP socket. Supports MICROCHIP PIC series PARALLEL_DEVICE,(DIP-18/28)	No Need	M3010-0327571
	M4-PICS-DP20 (P72M1-1001)	No Need	4 gang sockets. 32-pin DIP socket. Supports MICROCHIP PIC series,(DIP-8/14/18/20)	No Need	M3010-0327571
	M4-PICS-DP40 (P72M1-1002)	No Need	4 gang sockets. 40-pin DIP socket. Supports MICROCHIP PIC series,(DIP-28/40)	No Need	M3010-0407571
	M4-PICS-PL44 (P72M1-3001)	No Need	4 gang sockets. 44-pin PLCC socket. Supports MICROCHIP PIC series,(PLCC-44)	No Need	M3030-0445521
	M4-PICS-SO20 (P72M1-8002)	No Need	4 gang sockets. 20-pin SOP(PITCH 1.27mm,7.5mm) socket. Supports MICROCHIP PIC series,(SOP-18/20)	M1380-0285533	M3080-0205532
	M4-PICS-SO28 (P72M1-8001)	No Need	4 gang sockets. 28-pin SOP(PITCH 1.27mm,7.5mm) socket. Supports MICROCHIP PIC series,(SOP-28)	M1380-0285533	M3080-0285533

MODULEs

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IC Mfr.	MODULE Name	Optional TOP Name	IC Supported	Textool 板 Number	Textool Number
	M4-PICS-SS20 (P72M1-8101)	No Need	4 gang sockets. 20-pin SOP(PITCH 0.65mm,5.3mm) socket. Supports MICROCHIP PIC series.(SSOP-18/20)	M1381-0343531	M3081-0203531
	M4-PICS-SS28 (P72M1-8102)	No Need	4 gang sockets. 28-pin SOP(PITCH 0.65mm,5.3mm) socket. Supports MICROCHIP PIC series.(SSOP-28)	M1381-0343531	M3081-0283531
	M4-PICS-TQ44 (P72M1-7001)	No Need	4 gang sockets. 44-pin QFP(PITCH 0.8mm,10x10mm) socket. Supports MICROCHIP PIC series.(TOFP-44)	No Need	M3070-0444521
	M4-PICS-TQ64 (P72M1-7002)	No Need	4 gang sockets. 64-pin QFP(PITCH 0.5mm,10x10mm) socket. Supports MICROCHIP PIC series.(TOFP-64)	M1370-0641532	M3070-0641532
MOTOROLA	M1-56F8366-TQ144 (P71M2-7004)	No Need	144-pin QFP(PITCH 0.5mm,20x20mm) socket. Supports FREESCALE.MOTOROLA MC56F8366.(LOFP-144)	No Need	M3070-1441521
	M1-MC9S12NE-LQ112 (P71M2-7002)	No Need	112-pin QFP(PITCH 0.65mm,20x20mm) socket. Supports FREESCALE MC9S12NE64CPVE.(LOFP-112)	M1370-1123531	M3070-1123531
	M1-MC9S12NE-TQ80 (P71M2-7001)	No Need	80-pin QFP(PITCH 0.65mm,14x14mm) socket. Supports FREESCALE.MOTOROLA MC9S12NE64VTU.(LOFP-		M3070-0803532
	M1-MC9S12XD-TQ144 (P71M2-7003)	No Need	144-pin QFP(PITCH 0.5mm,20x20mm) socket. Supports FREESCALE.MOTOROLA	No Need	M3070-1441521
	M1-MC9S12XE-LQ144 (P71M2-7005)	No Need	144-pin QFP(PITCH 0.5mm,20x20mm) socket. Supports FREESCALE MC9S12XE series.(LOFP-144)	No Need	M3070-1441521
	M4-56F8013-QF32 (P72M2-7017)	No Need	Special MODULE. Please check R&D Dept. 4 gang sockets. 32-pin QFP(PITCH 0.8mm,7x7mm) socket. Supports MOTOROLA MC56F8013.(LOFP-32)	M1370-0324531	M3070-0324531
	M4-68HC908AB32-QF64 (P72M2-7019)	No Need	Special MODULE. Please check R&D Dept. 4 gang sockets. 64-pin QFP(PITCH 0.8mm,14x14mm) socket. Supports MOTOROLA MC68HC908AB32.(OFP-64)	M1370-0644532	M3070-0644532
	M4-68HC908AZ60A-QF64 (P72M2-7015)	No Need	Special MODULE. Please check R&D Dept. 4 gang sockets. 64-pin QFP(PITCH 0.8mm,14x14mm) socket. Supports MOTOROLA MC68HC908AZ60A.(OFP-64)	M1370-0644532	M3070-0644532
	M4-68HC908JB16-TQ32 (P72M2-7018)	No Need	Special MODULE. Please check R&D Dept. 4 gang sockets. 32-pin QFP(PITCH 0.8mm,7x7mm) socket. Supports MOTOROLA MC68HC908JB16.(LOFP-32)	M1370-0324531	M3070-0324531
	M4-68HC908JR32-LQ64 (P72M2-7011)	No Need	Special MODULE. Please check R&D Dept. 4 gang sockets. 64-pin QFP(PITCH 0.5mm,10x10mm) socket. Supports MOTOROLA MC68HC908JR32.(LOFP-64)	M1370-0641532	M3070-0641532
	M4-68HC908JW32-QN48 (P72M2-2102)	TOP-MCU-QN48 (P70M2-2101)	Special MODULE. Please check R&D Dept. 4 gang sockets. 48-pin QFN(PITCH 0.5mm,7x7mm,Array:12 on 4 + 1) socket. Supports MOTOROLA MC68HC908JW32.(OFN-48)	No Need	M3021-04815B1
	M4-HCS08-SO28 (P72M2-8001)	No Need	Special MODULE. Please check R&D Dept. 4 gang sockets. 28-pin SOP(PITCH 1.27mm,7.5mm) socket. Supports MOTOROLA MC9S08RC/RD/RE/RGXXX(SOP-28)	M1380-0285533	M3080-0285533
	M4-HCS08-TQ32 (P72M2-7005)	No Need	Special MODULE. Please check R&D Dept. 4 gang sockets. 32-pin QFP(PITCH 0.8mm,7x7mm) socket. Supports MOTOROLA MC9S08RC/RD/RE/RGXXX.(LOFP-32)	M1370-0324531	M3070-0324531
	M4-HCS08-TQ44 (P72M2-7002)	No Need	Special MODULE. Please check R&D Dept. 4 gang sockets. 44-pin QFP(PITCH 0.8mm,10x10mm) socket. Supports MOTOROLA MC9S08RC/RD/RE/RGXXX.(LOFP-44)	M1370-0444531	M3070-0444531
	M4-HCS08GB-TQ64 (P72M2-7003)	No Need	Special MODULE. Please check R&D Dept. 4 gang sockets. 64-pin QFP(PITCH 0.5mm,10x10mm) socket. Supports MOTOROLA MC9S08GB32.(LOFP-64)	M1370-0641532	M3070-0641532
	M4-HCS08GT-QF44 (P72M2-7006)	No Need	Special MODULE. Please check R&D Dept. 4 gang sockets. 44-pin QFP(PITCH 0.8mm,10x10mm) socket. Supports MOTOROLA MC9S08GT32.(OFP-44)	M1370-0444533	M3070-0444533
	M4-HCS08GT-QN48 (P72M2-2103)	TOP-MCU-QN48 (P70M2-2101)	Special MODULE. Please check R&D Dept. 4 gang sockets. 48-pin QFN(PITCH 0.5mm,7x7mm,Array:12 on 4 + 1) socket. Supports MOTOROLA MC9S08GT16.(OFN-48)	No Need	M3021-04815B1
	M4-HCS08GT-SD42 (P72M2-1101)	No Need	Special MODULE. Please check R&D Dept. 4 gang sockets. 42-pin SDIP(PITCH 1.778mm,600mil) socket. Supports MOTOROLA MC9S08GT32.(SDIP-42)	No Need	M3011-0426511
	M4-HCS12UF-TQ100 (P72M2-7007)	No Need	Special MODULE. Please check R&D Dept. 4 gang sockets. 100-pin QFP(PITCH 0.5mm,14x14mm) socket. Supports MOTOROLA MC9S12UF32PB.(LOFP-100)	M1370-1001531	M3070-1001531
	M4-HCS12UF-TQ64 (P72M2-7009)	No Need	Special MODULE. Please check R&D Dept. 4 gang sockets. 64-pin QFP(PITCH 0.5mm,10x10mm) socket. Supports MOTOROLA MC9S12UF32PB.(LOFP-64)	M1370-0641532	M3070-0641532
	M4-HCS12-QF80 (P72M2-7004)	No Need	Special MODULE. Please check R&D Dept. 4 gang sockets. 80-pin QFP(PITCH 0.65mm,14x14mm) socket. Supports MOTOROLA MC9S12E128.(OFP-80)	M1370-0803533	M3070-0803533
	M4-HCS12-TQ112 (P72M2-7001)	No Need	Special MODULE. Please check R&D Dept. 4 gang sockets. 112-pin QFP(PITCH 0.65mm,20x20mm) socket. Supports MOTOROLA MC9S12D128.(LOFP-112)	M1370-1123531	M3070-1123531
	M4-HCS12-TQ52 (P72M2-7008)	No Need	Special MODULE. Please check R&D Dept. 4 gang sockets. 52-pin QFP(PITCH 0.65mm,10x10mm) socket. Supports MOTOROLA MC9S12C32MPB.(LOFP-52)	M1370-0523534	M3070-0523534
MXIC	M4-MX69LW32X1-BG66 (P72M0-6101)	TOP-69LW3241-BG66 (P70M0-6102)	Gang MODULE. Need option TOP(4pcs). 64-pin BGA(PITCH 0.8mm,11x8mm,B:0.45mm,8x8 Grid) socket. Supports MXIC MX69LW1641TXB/BXR.MX69LW3241ATXB/ABXB.(CSP-66)	No Need	M3061-0644551
MYSON	M4-MTV41X-PL44 (P72M4-3003)	No Need	4 gang sockets. 44-pin PLCC socket. Supports MYSON MTV416MV.(PLCC-44)	M1330-0445531	M3030-0445531

IC Mfr.	MODULE Name	Optional TOP Name	IC Supported	Textool 板 Number	Textool Number	
	M4-MTV41X-QF44 (P72M4-7001)	No Need	4 gang sockets. 44-pin QFP(PITCH 0.8mm,10x10mm) socket. Supports MYSON MTV416GME.(OFP-44)	M1370-0444533	M3070-0444533	
	M4-MTVX12-PL44 (P72M4-3001)	No Need	4 gang sockets. 44-pin PLCC socket. Supports MYSON MTV212MV.MTV312MV.MTV412MV.(PLCC-	No Need	M3030-0445521	
NEC	M1-UPD78F0103-SS30 (P71N0-8101)	No Need	30-pin SOP(PITCH 0.65mm,6.1mm) socket. Supports NEC UPD78F0103M5MC.(SSOP-30)	M1381-0443531	M3081-0303531	
	M1-UPD78F9177-QF44 (P71N0-7001)	No Need	44-pin QFP(PITCH 0.8mm,10x10mm) socket. Supports NEC UPD78F9177GB.(OFP-44)	M1370-0444531	M3070-0444531	
	M4-UPD78F0034-TQ64 (P72N0-7003)	No Need	4 gang sockets. 64-pin QFP(PITCH 0.65mm,12x12mm) socket. Supports NEC UPD78F0034AYGK.(TOFP-64)	M1370-0643532	M3070-0643532	
	M4-UPD78F0354-TQ100 (P72N0-7005)	No Need	4 gang sockets. 100-pin QFP(PITCH 0.5mm,14x14mm) socket. Supports NEC UPD78F0354GC.(TOFP-100)	M1370-1001531	M3070-1001531	
	M4-UPD78F0703-QF80 (P72N0-7001)	No Need	4 gang sockets. 80-pin QFP(PITCH 0.65mm,14x14mm) socket. Supports NEC UPD78F0703YGC(A).(OFP-80)	No Need	M3070-0803521	
	M4-UPD78P0308-QF100 (P72N0-7006)	No Need	4 gang sockets. 100-pin QFP(PITCH 0.5mm,14x14mm) socket. Supports NEC UPD78P0308GC.UPD78P064GC.(OFP-100)	M1370-1001531	M3070-1001531	
NOVATEK	M4-NT68664MFG-QF128 (P72N2-7105)	No Need	4 gang sockets. 128-pin QFP(PITCH 0.5mm,14x20mm) socket. Supports NOVATEK NT68664MEG.(OFP-128)	M1371-1281532	M3071-1281532	
	M4-NT68665MFG-QF128 (P72N2-7103)	No Need	4 gang sockets. 128-pin QFP(PITCH 0.5mm,14x20mm) socket. Supports NOVATEK NT68665MEG.(OFP-128)	M1371-1281532	M3071-1281532	
	M4-NT68665-QF128 (P72N2-7101)	No Need	4 gang sockets. 128-pin QFP(PITCH 0.5mm,14x20mm) socket. Supports NOVATEK NT68665.(OFP-128)	M1371-1281532	M3071-1281532	
NXP (PHILIPS)	M4-89V52X2-PL44 (P72P0-3001)	No Need	4 gang sockets. 44-pin PLCC socket. Supports NXP 89V52X2.(PLCC-44)	No Need	M3030-0445521	
	M4-CE55X-QF80 (P72P0-7101)	No Need	4 gang sockets. 80-pin QFP(PITCH 0.8mm,14x20mm) socket. Supports PHILIPS P87C557E8.(OFP-80)	No Need	M3071-0804521	
PAION	M4-P51VP-QN52 (P72P2-2101)	No Need	4 gang sockets. 52-pin QFN(PITCH 0.5mm,8x8mm,Array:13 on 4 + 1) socket. Supports PAION P51VP704E.(OEN-52)	No Need	M3021-05215B1	
PANASONIC	M4-MN101CF91D-TQ48 (P72P4-7001)	No Need	4 gang sockets. 48-pin QFP(PITCH 0.5mm,7x7mm) socket. Supports PANASONIC MN101CF91D.(TOFP-48)	M1370-0481531	M3070-0481531	
	M4-MN101EF31G-TQ80 (P72P4-7002)	No Need	4 gang sockets. 80-pin QFP(PITCH 0.65mm,14x14mm) socket. Supports PANASONIC MN101EF31GWX.(LOFP-80)		M3070-0803532	
RENESAS (HITACHI) (MITSUBISHU)	M4-HD6473726-QF80 (P72H1-7007)	No Need	4 gang sockets. 80-pin QFP(PITCH 0.65mm,14x14mm) socket. Supports RENESAS HD6473726H.(OFP-80)	M1370-0803533	M3070-0803533	
	M4-HD6473827-QF80 (P72H1-7008)	No Need	4 gang sockets. 80-pin QFP(PITCH 0.65mm,14x14mm) socket. Supports RENESAS HD6473827RH.(OFP-80)	No Need	M3070-0803521	
	M4-HD6473837-QF100 (P72H1-7101)	No Need	4 gang sockets. 100-pin QFP(PITCH 0.65mm,14x20mm) socket. Supports RENESAS HD6473837F.(OFP-100)	No Need	M3071-1003523	
	M4-HD64F214X-TQ100 (P72H1-7003)	No Need	Special MODULE. Please check R&D Dept. 4 gang sockets. 100-pin QFP(PITCH 0.5mm,14x14mm) socket. Supports HITACHI RENESAS HD64F2144.HD64F2148.(TOFP-	M1370-1001531	M3070-1001531	
	M4-HD64F38024-QF80 (P72H1-7005)	No Need	Special MODULE. Please check R&D Dept. 4 gang sockets. 80-pin QFP(PITCH 0.65mm,14x14mm) socket. Supports RENESAS HD64F38024H.HD64738024H.(OFP-80)	No Need	M3070-0803521	
	M4-HD64F38327-QF80 (P72H1-7006)	No Need	Special MODULE. Please check R&D Dept. 4 gang sockets. 80-pin QFP(PITCH 0.65mm,14x14mm) socket. Supports RENESAS HD64F38327H.(OFP-80)	No Need	M3070-0803521	
	M4-M16C-QF100 (P72H1-7102)	No Need	4 gang sockets. 100-pin QFP(PITCH 0.65mm,14x20mm) socket. Supports RENESAS M3030SEDPPG.(OFP-100)	No Need	M3071-1003522	
	M4-M3428X-SS20 (P72M3-8101)	No Need	4 gang sockets. 20-pin SOP(PITCH 0.65mm,4.4mm) socket. Supports RENESAS M34283G2GP.(SSOP-20)	M1381-0283532	M3081-0203533	
	M4-M3823X-QF80 (P72M3-7001)	No Need	4 gang sockets. 80-pin QFP(PITCH 0.5mm,12x12mm) socket. Supports RENESAS M3823xGxHP.(OFP-80)	M1370-0801531	M3070-0801531	
	M4-R5F61725-TQ100 (P72H1-7010)	No Need	4 gang sockets. 100-pin QFP(PITCH 0.5mm,14x14mm) socket. Supports RENESAS R5F61725EPV.(TOFP-100)	M1370-1001531	M3070-1001531	
	M4-R8C1013-QF32 (P72H1-7009)	No Need	4 gang sockets. 32-pin QFP(PITCH 0.8mm,7x7mm) socket. Supports RENESAS R5E21114DFP.(OFP-32)	M1370-0324531	M3070-0324531	
	SILICON LABS	M4-C8051F320-QF32 (P72SD-7001)	No Need	4 gang sockets. 32-pin QFP(PITCH 0.8mm,7x7mm) socket. Supports SILICON LABS C8051F310.C8051F320.(OFP-32)	M1370-0324531	M3070-0324531
		M4-C8051F321-QN28 (P72SD-2101)	No Need	4 gang sockets. 28-pin QFN(PITCH 0.5mm,5x5mm,Array:7 on 4 + 1) socket. Supports SILICON LABS C8051F311/313/315/321/351/353/411/413.(OEN-28)	No Need	M3021-02815B2
	SMSC	M4-MEC5004-QF128 (P72SB-7001)	No Need	4 gang sockets. 128-pin QFP(PITCH 0.4mm,14x14mm) socket. Supports SMSC MEC5004.MEC5004I.(OFP-128)	M1370-1281041	M3070-1281041
SPANSION (AMD)	M4-S29GLXXX-BG64 (P72A1-6103)	TOP-28F128K3-BG64 (P70I0-6101)	Gang MODULE.Need option TOP(4pcs). 64-pin BGA(PITCH 1.0mm,13x10mm,B:0.43mm,8x8 Grid) socket. Supports NUMONYX M29W128GL.M29W640GL.(BGA-64)	No Need	M3061-0645051	
		TOP-S29GLXXN-BG64 (P70A1-6109)	Gang MODULE.Need option TOP(4pcs). 64-pin BGA(PITCH 1.0mm,13x11mm,B:0.6mm,8x8 Grid) socket. Supports SPANSION S29GLxxN.S29GLxxP.(BGA-64)	No Need	M3061-0645041	
	M4-S71PL064J-BG56 (P72A1-6102)	TOP-S71PL064J-BG56 (P70A1-6106)	Gang MODULE.Need option TOP(4pcs). 56-pin BGA(PITCH 0.8mm,9x7mm,B:0.4mm,8x8 Grid) socket. Supports SPANSION S71PL016L.S71PL032L.S71PL064L.(FBGA-	No Need	M3061-0564541	

MODULEs

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IC Mfr.	MODULE Name	Optional TOP Name	IC Supported	Textool 板 Number	Textool Number
		TOP-S71PL127J-BG64 (P70A1-6104)	Gang MODULE.Need option TOP(4pcs). 60-pin BGA(PITCH 0.8mm,11.6x8mm,B:0.4mm,10x8 Grid) socket. Supports SPANSION S71PL127N(FBGA-64)	No Need	M3061-0604542
	M4-S71PL129-BG64 (P72A1-6101)	TOP-S71PL127J-BG64 (P70A1-6104)	Gang MODULE.Need option TOP(4pcs). 60-pin BGA(PITCH 0.8mm,11.6x8mm,B:0.4mm,10x8 Grid) socket. Supports SPANSION S71PL127L(FBGA-64)	No Need	M3061-0604542
	M8-AM29LV256-TS56 (P73A1-8201)	No Need	8 gang sockets. 56-pin SOP(PITCH 0.5mm,18.4mm) socket. Supports AMD AM29LV128ML/MH,AM29LV256ML/MH(TSOP-56)	M1382-0561521	M3082-0561521
	M8-S29PLXXX-TS56 (P73A1-8203)	No Need	8 gang sockets. 56-pin SOP(PITCH 0.5mm,18.4mm) socket. Supports SPANSION S29PL127L-TF-13.(TSOP-56)	M1382-0561521	M3082-0561521
SST	M4-32HFXXX-BG64 (P72S2-6102)	TOP-36VF160-BG48 (P70S2-6101)	Gang MODULE.Need option TOP(4pcs). 72-pin BGA(PITCH 0.8mm,10x8mm,B:0.4mm,12x8 Grid) socket. Supports SST S32HF64A2-L2S.(LFBGA-64)	No Need	M3061-0724551
	M4-36VF160-BG48 (P72S2-6101)	TOP-36VF160-BG48 (P70S2-6101)	Gang MODULE.Need option TOP(4pcs). 72-pin BGA(PITCH 0.8mm,10x8mm,B:0.4mm,12x8 Grid) socket. Supports SST S36VF6401-BLK.(TFBGA-48)	No Need	M3061-0724551
STM	M1-PSD8XX-QF52 (P71S5-7003)	No Need	52-pin QFP(PITCH 0.65mm,10x10mm) socket. Supports STM PSD854F2V.(QFP-52)	M1370-0523541	M3070-0523541
	M1-ST72F561-QF32 (P71S5-7001)	No Need	32-pin QFP(PITCH 0.8mm,7x7mm) socket. Supports STM ST72F361Kx,ST72F561Kx.(QFP-32)	M1370-0324531	M3070-0324531
	M1-ST7FLITEXX-SO16 (P71S5-8001)	No Need	16-pin SOP(PITCH 1.27mm,3.9mm) socket. Supports STM ST7FOXA0M6,ST7FLITEU09M6,ST7FLITEUS2M6,ST7FLITES2Y0M6,ST7FLITE05Y0M6,ST7FLITE09Y0M6.(SOP-8/16)	M1380-0165532	M3080-0165532
	M1-STM32F10XC-QF48 (P71S5-7005)	No Need	48-pin QFP(PITCH 0.5mm,7x7mm) socket. Supports STM	M1370-0481531	M3070-0481531
	M4-M58LW064D-BG64 (P72S5-6101)	TOP-28F128K3-BG64 (P70I0-6101)	Gang MODULE.Need option TOP(4pcs). 64-pin BGA(PITCH 1.0mm,13x10mm,B:0.43mm,8x8 Grid) socket. Supports STM M58LW064D-ZA.(TBGA-64)	No Need	M3061-0645051
	M4-ST62XX-DP28 (P72S5-1001)	No Need	4 gang sockets. 32-pin DIP socket. Supports STM ST62 series.(DIP-16/20/28)	No Need	M3010-0327571
	M4-ST72F324-QF32 (P72S5-7003)	No Need	4 gang sockets. 32-pin QFP(PITCH 0.8mm,7x7mm) socket. Supports STM ST72F324K2,ST72F324K4,ST72F324K6.(QFP-32)	M1370-0324531	M3070-0324531
	M4-ST72F324-QF44 (P72S5-7001)	No Need	4 gang sockets. 44-pin QFP(PITCH 0.8mm,10x10mm) socket. Supports STM ST72F321J7,ST72F324J4.(QFP-44)	M1370-0444531	M3070-0444531
	M4-ST72F521R-QF64 (P72S5-7004)	No Need	4 gang sockets. 64-pin QFP(PITCH 0.8mm,12x12mm) socket. Supports STM ST72F521R9Tx.(QFP-64)		M3070-0644541
	M4-ST72F621-SO34 (P72S5-8001)	No Need	4 gang sockets. 34-pin SOP(PITCH 1.02mm,7.5mm) socket. Supports STM ST72F621L4M1.(SOP-34)	No Need	M3080-0345081
	M4-STM8-QF80 (P72S5-7007)	No Need	4 gang sockets. 80-pin QFP(PITCH 0.65mm,14x14mm) socket. Supports STM STM8AH61AATA.(QFP-80)		M3070-0803532
	M4-STR91X-QF128 (P72S5-7005)	No Need	Special MODULE. Please check R&D Dept. 4 gang sockets. 128-pin QFP(PITCH 0.4mm,14x14mm) socket. Supports STM STR912FAW44X6.(QFP-128)	M1370-1281041	M3070-1281041
	M6-M25PXX-SO16 (P74S5-8001)	No Need	6 gang sockets. 16-pin SOP(PITCH 1.27mm,7.5mm) socket. Supports STM M25P16,M25P32,M25P64.(SOP-16)	M1380-0285533	M3080-0165531
SUNPLUS	M4-SPMC65P-DP32 (P72SA-1001)	No Need	4 gang sockets. 32-pin DIP socket. Supports SUNPLUS SPMC65P series.(DIP-16/18/20/28/32)	No Need	M3010-0327571
TI	M4-M430F12X2-ML32 (P72T0-2101)	TOP-AVR-ML32 (P70A2-2101)	4 gang sockets. 32-pin QFN(PITCH 0.5mm,5x5mm,Array:8 on 4 + 1) socket. Supports TLMSP430F1222IRHB.(QFN-32)	No Need	M3021-0321521
	M4-M430F1XX1-ML64 (P72T0-2102)	No Need	4 gang sockets. 64-pin QFN(PITCH 0.5mm,9x9mm,Array:16 on 4 + 1) socket. Supports TLMSP430F1481IRTD.(QFN-64)	No Need	M3021-0641521
	M4-M430F1XX-QF64 (P72T0-7001)	No Need	4 gang sockets. 64-pin QFP(PITCH 0.5mm,10x10mm) socket. Supports TLMSP430F325JPM.(QFP-64)	M1370-0641532	M3070-0641532
	M8-BUF08821-TS20 (P73T0-8101)	No Need	8 gang sockets. 20-pin SOP(PITCH 0.65mm,4.4mm) socket. Supports TI BUF08821.(TSSOP-20)	M1381-0283532	M3081-0203533
	M8-BUF16821-TS28 (P73T0-8102)	No Need	8 gang sockets. 28-pin SOP(PITCH 0.65mm,4.4mm) socket. Supports TI BUF16821.(TSSOP-28)	M1381-0283532	M3081-0283532
TOSHIBA	M1-TMP86P820U-QF64 (P71T1-7001)	No Need	64-pin QFP(PITCH 0.5mm,10x10mm) socket. Supports TOSHIBA TMP86P820U,TMP86PM29AU.(QFP-64)	M1370-0641532	M3070-0641532
	M4-TMP86F09N-SD32 (P72T1-1101)	No Need	4 gang sockets. 32-pin SDIP(PITCH 1.78mm,400mil) socket. Supports TOSHIBA TMP86FH09NG,TMP86F809NG,TMP86F409NG,TMP86FH09ANG,TMP86FH03NG.(SDIP-32)	No Need	M3011-0327021
	M4-TMP88FW45-QF80 (P72T1-7101)	No Need	4 gang sockets. 80-pin QFP(PITCH 0.8mm,14x20mm) socket. Supports TOSHIBA TMP88FW45FG.(QFP-80)	M1371-0803531	M3071-0803531
	M4-TMP89FH42U-QF44 (P72T1-7003)	No Need	4 gang sockets. 44-pin QFP(PITCH 0.8mm,10x10mm) socket. Supports TOSHIBA TMP89FH42UG,TMP89EM42UG,TMP89FH42LUG.(QFP-44)	M1370-0444531	M3070-0444531
	M4-TMP91FU62DF-QF80 (P72T1-7102)	No Need	4 gang sockets. 80-pin QFP(PITCH 0.8mm,14x20mm) socket. Supports TOSHIBA TMP91FU62DFG.(QFP-80)	M1371-0803531	M3071-0803531
	M4-TMP92FD23AF-QF100 (P72T1-7002)	No Need	4 gang sockets. 100-pin QFP(PITCH 0.5mm,14x14mm) socket. Supports TOSHIBA TMP92FD23AFG,TSCE6.(QFP-100)	M1370-1001531	M3070-1001531
	M4-TMP92FD54AIF-QF100 (P72T1-7001)	No Need	4 gang sockets. 100-pin QFP(PITCH 0.5mm,14x14mm) socket. Supports TOSHIBA TMP92FD54AIF.(QFP-100)	M1370-1001531	M3070-1001531
WINBOND	M4-ISD15000-QF48 (P72W1-7001)	No Need	4 gang sockets. 48-pin QFP(PITCH 0.5mm,7x7mm) socket. Supports WINBOND	M1370-0481531	M3070-0481531
XILINX	M1-XC95108-QF100 (P71X0-7001)	No Need	100-pin QFP(PITCH 0.5mm,14x14mm) socket. Supports XILINX XC95108,XC95144,XC95144XL.(QFP-100)	M1370-1001531	M3070-1001531

IC Mfr.	MODULE Name	Optional TOP Name	IC Supported	Textool 板 Number	Textool Number
	M1-XC9572-QF100 (P71X0-7003)	No Need	100-pin QFP(PITCH 0.5mm,14x14mm) socket. Supports XILINX XC9572.XC9572XL.(QFP-100)	M1370-1001531	M3070-1001531
	M4-XCFXXS-SS20 (P72X0-8101)	No Need	4 gang sockets. 20-pin SOP(PITCH 0.65mm,4.4mm) socket. Supports XILINX XCF01S.XCF02S.XCF04S.(SSOP-20)	M1381-0283532	M3081-0203533
ZILOG	M4-Z8F042A-DP8 (P72Z0-1001)	No Need	4 gang sockets. 32-pin DIP socket. Supports ZILOG Z8F042APB.(DIP-8)	No Need	M3010-0327571
	M4-Z8F042A-SO8 (P72Z0-8002)	No Need	4 gang sockets. 8-pin SOP(PITCH 1.27mm,3.9mm) socket. Supports ZILOG Z8F042ASB.(SOP-8)	M1380-0165532	M3080-0085531
	M4-Z8F0XXX-SO28 (P72Z0-8001)	No Need	4 gang sockets. 28-pin SOP(PITCH 1.27mm,7.5mm) socket. Supports ZILOG Z8F042ASH(SOP-20).Z8F042ASJ(SOP-28).	M1380-0285533	M3080-0285533
	M4-Z8F0XXX-SS28 (P72Z0-8101)	No Need	4 gang sockets. 28-pin SOP(PITCH 0.65mm,5.3mm) socket. Supports ZILOG Z8F042AHH(SSOP-20).Z8F042AHI(SSOP-28).	M1381-0343531	M3081-0283531
	M4-Z8FMC16100-ML32 (P72Z0-2101)	No Need	4 gang sockets. 32-pin QFN(PITCH 0.5mm,5x5mm,Array:8 on 4 + 1) socket. Supports ZILOG Z8FMC16100QKSG.(QFN-32)	No Need	M3021-0321521
	M4-Z8FMC16100-QF32 (P72Z0-7001)	No Need	4 gang sockets. 32-pin QFP(PITCH 0.8mm,7x7mm) socket. Supports ZILOG Z8FMC16100AKSG.(QFP-32)	M1370-0324531	M3070-0324531