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List of LabTool-T400 Programmer and Adapter Modules

1. Delivery：contact AEC for actual lead time.
2. Payment：T/T in Advance
3. Term：FOB USD Taiwan. All price are subject to change without notice.
4. Order amount under USD200 will be charged USD15 for special handling fee.

April, 2013

P/N	Description	Package Size (BGA)
High Performance Turbo Flash Gang Programmer		
LabTool-T400	4 Sockets Turbo Flash Gang Programmer。 Support OS：Windows 98SE/ME/2000/XP/Vista(32bit)/7(32bit/64bit)。	
LabTool-T400 OPTION 100	Single Socket Turbo Flash Programmer。 Support OS：Windows 98SE/ME/2000/XP/Vista(32bit)/7(32bit/64bit)。 USB 2.0 Interface / 4G-byte CF。	
PM-T400	80 pin driver module for LabTool-T400。LabTool-T400 Option 100 needs to order 3 driver modules to become full function LabTool-T400 gang programmer。	
LT-T400 S/W update	LT-T400 Vista 2 year updated service	
General Purpose Adapter Modules for LabTool-T400 Turbo Flash Gang Programmer		
TM-A160-48F	48 pin FBGA (8mm x 9mm, Pitch 0.8mm) adapter modules for AMD Am29LV160B (Open-Top Socket)	8mm x 9mm, Pitch=0.8mm
TM-A3208-56F	56 pin FBGA (8mm x 11.6mm, Pitch 0.8mm) adapter modules for AMD 42DL32xx MCP (TLA064,TLA073) (Open-Top Socket)	8mm x 11.6mm, Pitch=0.8mm
TM-A3208-56FC	56 pin FBGA (8mm x 11.6mm, Pitch 0.8mm) adapter modules for AMD 42DL32xx MCP (TLA064,TLA073) (Clam-Shell Socket)	8mm x 11.6mm, Pitch=0.8mm
TM-A640-48F	48 pin FBGA (11mm x 12mm, Pitch 0.8mm) adapter modules for AMD 29DL640D (Open-Top Socket)	11mm x 12mm, Pitch=0.8mm
TM-CT256-104FS	104 pin FSBGA (9mm x 9mm, Pitch 0.65mm) adapter modules for Hynix H8YCZ0CI0MAR (Open-Top Socket)	9mm x 9mm, Pitch=0.65mm
TM-F100-70SS	70 pin SSOP (Body Width 12.8mm, Pitch 0.8mm) adapter modules for Fujitsu MSP55LV100 (Clam-Shell Socket)	
TM-F2228-56F	56 pin FBGA (7mm x 9mm, Pitch 0.8mm) adapter modules for Fujitsu MB84VD22280F (Open-Top Socket)	7mm x 9mm, Pitch=0.8mm
TM-F512-70SS	70 pin SSOP (Body Width 12.8mm, Pitch 0.8mm) adapter modules for Fujitsu MSP55LV512 (Clam-Shell Socket)	
TM-FP1216-48F	48 pin FBGA (9mm x 9mm, Pitch 0.8mm) adapter modules for Front Power NAND1208U1-CKC (Open-Top Socket)	9mm x 9mm, Pitch=0.8mm
TM-H8AC-137F	137 pin FBGA (10.5mm x 13mm, Pitch 0.8mm) adapter modules for Hynix H8ACS0SJ0MCP / HYG0SSJ0MF3P (Open-Top Socket)	10.5mm x 13mm, Pitch=0.8mm
TM-H8BC-149F	149 pin FBGA (10mm x 14mm, Pitch 0.8mm) adapter modules for Hynix H8BCS0S(Q)I0MAP (Open-Top Socket)	10mm x 14mm, Pitch=0.8mm

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TM-HY518-128FS	128 pin FSBGA (12mm x 12mm, Pitch 0.65mm) adapter modules for Altek AL6210-3ADG (Hynix H27S518S2C) (Open-Top Socket)	12mm x 12mm, Pitch=0.65mm
TM-I128-56VF	56 pin VFBGA (7.52mm x 13.42mm, Pitch 0.75mm) adapter modules for Intel GE(PH)28F128W18(30)BD(TD) (Open-Top Socket)	7.52mm x 13.42mm, Pitch=0.75mm
TM-I128-64E	64 pin EBGA (10mm x 13mm, Pitch 1.0mm) adapter modules for Intel RC28F128K3/J3 (Open-Top Socket)	10mm x 13mm, Pitch=1.0mm
TM-I128W-56VF	56 pin VFBGA (12mm x 12.5mm, Pitch 0.75mm) adapter modules for Intel GE28F128W18(30)T(B) (Open-Top Socket)	12mm x 12.5mm, Pitch=0.75mm
TM-I256-64E	64 pin EBGA (10mm x 15mm, Pitch 1.0mm) adapter modules for Intel 28F256J3C (Open-Top Socket)	10mm x 15mm, Pitch=1.0mm
TM-I256K-63VF	63 pin VFBGA (9mm x 14.5mm, Pitch 0.75mm) adapter modules for Intel GE28F256K (Open-Top Socket)	9mm x 14.5mm, Pitch=0.75mm
TM-I256L-63VF	63 pin VFBGA (9mm x 11mm, Pitch 0.75mm) adapter modules for Intel GE28F256L (Open-Top Socket)	9mm x 11mm, Pitch=0.75mm
TM-I256P-56TS	56 pin TSOP (14mm x 20mm, Pitch 0.5mm) adapter modules for Intel TE28F256P30BX585QS (Open-Top Socket)	
TM-I3204-64F	64 pin FBGA (8mm x 12mm, Pitch 0.8mm) adapter modules for ST M36Wxxxx (Open-Top Socket)	8mm x 12mm, Pitch=0.8mm
TM-I320-48U	48 pin uBGA (7.286mm x 10.85mm, Pitch 0.75mm) adapter modules for Intel GE28F320J3A (Open-Top Socket)	7.286mm x 10.85mm, Pitch=0.75mm
TM-I3340-80F	80 pin FBGA (8mm x 10mm, Pitch 0.8mm) adapter modules for Intel RD38Fxxxx MCP (Open-Top Socket)	8mm x 10mm, Pitch=0.8mm
TM-I3340-80FC	80 pin FBGA (8mm x 10mm, Pitch 0.8mm) adapter modules for Intel RD38Fxxxx MCP (Clam-Shell Socket)	8mm x 10mm, Pitch=0.8mm
TM-I4050-80F	80 pin FBGA (8mm x 11mm, Pitch 0.8mm) adapter modules for Intel RD38F4050 (Open-Top Socket)	8mm x 11mm, Pitch=0.8mm
TM-I4050-80F-Y	80 pin FBGA (8mm x 11mm, Pitch 0.8mm) adapter modules for Intel RD38F4050 (YAMAICHI Socket) (Open-Top Socket)	8mm x 11mm, Pitch=0.8mm
TM-I4400-137FS	137 pin FSBGA (8mm x 11mm, Pitch 0.65mm) adapter modules for Intel LZ48F4400 (Open-Top Socket)	8mm x 11mm, Pitch=0.65mm
TM-I4470-137FS	137 pin FSBGA (11mm x 13mm, Pitch 0.65mm) adapter modules for Intel PF38F4470VVUB (Open-Top Socket)	11mm x 13mm, Pitch=0.65mm
TM-I5060M-107F	107 pin FBGA (8mm x 11mm, Pitch 0.8mm) adapter modules for Intel PF38F5060M0Y0 (Open-Top Socket)	8mm x 11mm, Pitch=0.8mm
TM-I640-56SS	56 pin SSOP (Pitch 0.8mm) adapter modules for Intel 28F640/128J3 (Open-Top Socket)	
TM-I640-56VF	56 pin VFBGA (7.7mm x 9mm, Pitch 0.75mm) adapter modules for Intel 28F640W, 28F640K (Open-Top Socket)	7.7mm x 9mm, Pitch=0.75mm
TM-I6408-64F	64 pin FBGA (8mm x 14mm, Pitch 0.8mm) adapter modules for Intel RD28F6408 (Open-Top Socket)	8mm x 14mm, Pitch=0.8mm
TM-I640P-64E	64 pin EBGA (8mm x 10mm, Pitch 1.0mm) adapter modules for Intel PC28F640/128 P33B85 (Open-Top Socket)	8mm x 10mm, Pitch=1.0mm
TM-IPXA27-336FS	336 pin FSBGA (14mm x 14mm, Pitch 0.65mm) adapter modules for Intel PXA27xx (Open-Top Socket)	14mm x 14mm, Pitch=0.65mm
TM-MT4G08-63F	63 pin FBGA (10.5mm x 13mm, Pitch 0.8mm) adapter modules for Micron MT29F4G08(16)AA(B)C (Open-Top Socket)	10.5mm x 13mm, Pitch=0.8mm
TM-MX12855-24E	24 pin EBGA (6mm x 8mm, Pitch 1.0mm, Matrix 4x6) adapter for Macronix MX25L6455E/12855E (Open-Top Socket)	6mm x 8mm, Pitch=1.0mm

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	TM-MX128D-64E	64 pin EBGA (10mm x 13mm, Pitch 1.0mm) adapter modules for Macronix M29LA128DB/DT & Numonyx M29W640G(S)B/T/H/L (FAA064) (Open-Top Socket)	10mm x 13mm, Pitch=1.0mm
	TM-N640ZS-56WF	56 pin WFBGA (6mm x 8mm, Pitch 0.5mm) adapter modules for Numonyx M36W0R6050U4ZS (Open-Top Socket)	6mm x 8mm, Pitch=0.5mm
New	TM-ONFI31-48TS	48 pin TSOP (12mm x 20mm, Pitch 0.5mm) adapter modules for Nand Flash (ONFI 1.0/2.0/2.1/2.2/2.3a/3.0/3.1) (Open-Top Socket)	
	TM-QFN-0801	8 pin QFN (5mm x 6mm, Pitch 1.27mm) adapter modules for ST M25P80 (Open-Top Socket)	
	TM-QFN-0802	8 pin QFN (6mm x 8mm, Thickness 1.0mm, Pitch 1.27mm) adapter modules for Macronix MX25L6405D (Clam-Shell Socket)	
	TM-QFN-0803	8 pin QFN (2mm x 3mm, Thickness 0.6mm, Pitch 0.5mm) adapter modules for EON EN25S10/20/40 (Clam-Shell Socket)	
	TM-QFN-0804	8 pin QFN (4mm x 4mm, Thickness 0.6mm, Pitch 0.8mm) adapter modules for Macronix MX25U2033E/4033E/8033E/8035E/1635E (Open-Top Socket)	
	TM-S064J-56F	56 pin FBGA (7mm x 9mm, Pitch 0.8mm) adapter modules for Spansion S71PL064JAO (Open-Top Socket)	7mm x 9mm, Pitch=0.8mm
	TM-S064J-56FC	56 pin FBGA (7mm x 9mm, Pitch 0.8mm) adapter modules for Spansion S71PL064JAO (Clam-Shell Socket)	7mm x 9mm, Pitch=0.8mm
	TM-S064N-64E	64 pin EBGA (9mm x 9mm, Pitch 1.0mm) adapter modules for Spansion S29GL032(064)N / S29AL008(016)J / S29GL512(01G)S (LAE064) (Open-Top Socket)	9mm x 9mm, Pitch=1.0mm
	TM-S127J-56TS	56 pin TSOP (14mm x 20mm, Pitch 0.5mm) adapter modules for Spansion S29PL127J/129J (Open-Top Socket)	
	TM-S128R-68WF	56 (68) pin WFBGA (6.2mm x 7.7mm, Pitch 0.5mm) adapter modules for Spansion S71VS128RC0ZHK200 (NLD056) / EON EN71NS128B0 (Open-Top Socket)	6.2mm x 7.7mm Pitch=0.5mm
	TM-S254J-84F	84 pin FBGA (8mm x 11.6mm, Pitch 0.8mm) adapter modules for Spansion S71PL254J (Open-Top Socket)	8mm x 11.6mm, Pitch=0.8mm
	TM-S512-64EP	64 pin EBGA (11mm x 13mm, Pitch 1.0mm) Probe (Pogo-Pin) adapter modules for Spansion S29GL512P10FFCR1 (LAA064) (Open-Top Socket)	11mm x 13mm, Pitch=1.0mm
	TM-S512P-128FS	128 pin FSBGA (12mm x 12mm, Pitch 0.65mm) adapter modules for Spansion S72NS512PE0KFDGG/0 (Open-Top Socket)	12mm x 12mm, Pitch=0.65mm
	TM-S512P-133WF	133 pin WFBGA (10mm x 11mm, Pitch 0.5mm) adapter modules for Spansion S72NS512PE0AJGLG (Clam-Shell Socket)	10mm x 11mm, Pitch=0.5mm
	TM-SH1826-64F	64 pin FBGA (8mm x 11mm, Pitch 0.8mm) adapter modules for Sharp LRS1826 (Clam-Shell Socket)	8mm x 11mm, Pitch=0.8mm
	TM-SL3208-64F	64 pin FBGA (8mm x 10mm, Pitch 0.8mm) adapter modules for SILICON7 SV4F16(32)xx / SST SST32HF64A2 (Open-Top Socket)	8mm x 10mm, Pitch=0.8mm
	TM-SL3208-64FC	64 pin FBGA (8mm x 10mm, Pitch 0.8mm) adapter modules for SILICON7 SV4F16(32)xx / SST SST32HF64A2 (Clam-Shell Socket)	8mm x 10mm, Pitch=0.8mm
	TM-SOIC-1601	16 pin SOIC (Body Width 150mil, Pitch 1.27mm) adapter modules for Macronix MX25L1605D (Clam-Shell Socket)	
	TM-SOIC-2001	20 pin SOIC (Body Width 200mil, Pitch 1.27mm) adapter modules for SST 25VF016B (Clam-Shell Socket)	

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TM-SOIC-2002	20 pin SOIC (Body Width 200mil, Pitch 1.27mm) adapter modules for Winbond W25X40A / W25X80A (Clam-Shell Socket)	
TM-SOIC-2801	28 pin SOIC (Body Width 300mil, Pitch 1.27mm) adapter modules for Spansion S25FL128P / ST M25P128 / Macronix MX25L6405D / SST 25VF016B (Clam-Shell Socket)	
TM-SS00J-107F	107 pin FBGA (10.5mm x 13mm, Pitch 0.8mm) adapter modules for Samsung KAG00J007M (Open-Top Socket)	10.5mm x 13mm, Pitch=0.8mm
TM-SS1208-48F	48 pin FBGA (8.5mm x 13mm, Pitch 0.8mm) adapter modules for Samsung K9F128R0B/R0C (Open-Top Socket)	8.5mm x 13mm, Pitch=0.8mm
TM-SS3281-64F	64 pin FBGA (8mm x 11mm, Pitch 0.8mm) adapter modules for Samsung K5A3281CTM (Open-Top Socket)	8mm x 11mm, Pitch=0.8mm
TM-SS5613-137F	137 pin FBGA (10.5mm x 13mm, Pitch 0.8mm) adapter modules for Samsung K5D5613HCM-D090 (Open-Top Socket)	10.5mm x 13mm, Pitch=0.8mm
TM-SS5616-48F	48 (63) pin FBGA (9mm x 11mm, Pitch 0.8mm) adapter modules for Samsung K9F5608U0C-HCB0 (Open-Top Socket)	9mm x 11mm, Pitch=0.8mm
TM-SS6433-52WF	52 pin WFBGA (6mm x 6mm, Pitch 0.5mm) adapter modules for Samsung K5N2833ATB-AQ12 / K5N6433ATM-AD11 (Open-Top Socket)	6mm x 6mm, Pitch=0.5mm
TM-SST3284-80F	80 pin FBGA (8mm x 10mm, Pitch 0.8mm) adapter modules for SST 34HF3284 (Clam-Shell Socket)	8mm x 10mm, Pitch=0.8mm
TM-SST800-48F	48 pin FBGA (6mm x 8mm, Pitch 0.8mm) adapter modules for SST 39LF800A (Open-Top Socket)	6mm x 8mm, Pitch=0.8mm
TM-ST01G-48F	48 pin FBGA (8mm x 10mm, Pitch 0.8mm) adapter modules for ST NAND256W3A (Open-Top Socket)	8mm x 10mm, Pitch=0.8mm
TM-ST160-48VF	48 pin VFBGA (6.37mm x 6.39mm, Pitch 0.75mm) adapter modules for ST M28W160BT/B (Open-Top Socket)	6.37mm x 6.39mm Pitch=0.75mm
TM-ST16-24E	24 pin EBGA (6mm x 8mm, Pitch 1.0mm, Matrix 5x5) adapter for Numonyx M25PX80/16/32/64 (Clam-Shell Socket)	6mm x 8mm Pitch=1.0mm
TM-T5782-60F	60 pin FBGA (9mm x 12mm, Pitch 0.8mm) adapter modules for Toshiba TH50VPF5782/83AASB (Open-Top Socket)	9mm x 12mm, Pitch=0.8mm
TM-TC582G-48F	48 pin FBGA (10mm x 13mm, Pitch 0.8mm) adapter modules for Toshiba TC58NVG1S3EBAI5 (Open-Top Socket)	10mm x 13mm, Pitch=0.8mm
TM-TH5683-56F	56 pin FBGA (7mm x 10mm, Pitch 0.8mm) adapter modules for Toshiba TV00560002(003)EDGB (Open-Top Socket)	7mm x 10mm Pitch=0.8mm
TM-TH584S-48F	48 (63) pin FBGA (10mm x 11mm, Pitch 0.8mm) adapter modules for Toshiba TH58NVG4S0FBAID (Open-Top Socket)	10mm x 11mm Pitch=0.8mm
TM-TYA0A1-107FC	107 pin FBGA (9mm x 12mm, Pitch 0.8mm) adapter modules for Toshiba TY9A0A111171KC40 / TY8A0A111151KC40 (Clam-Shell Socket)	9mm x 12mm Pitch=0.8mm
TM-UNIV-44PSO	44 pin PSOP (Body Width 525mil, Pitch 1.27mm) universal adapter modules (Open-Top Socket)	
TM-UNIV-48TS	48 pin TSOP (12mm x 20mm, Pitch 0.5mm) universal adapter modules for 48 pin TSOP Type I Package Flash chip (Open-Top Socket)	
TM-UNIV-48TS/W	48 pin TSOP (12mm x 14mm, Pitch 0.5mm) universal adapter modules for 48 pin TSOP Type II Package Flash chip (Open-Top Socket)	

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TM-UNIV-48WS	48 pin WSOP (12mm x 17mm, Pitch 0.5mm) universal adapter modules for 48 pin WSOP Type I Package Flash chip (Open-Top Socket)	
TM-UNIV-56TS	56 pin TSOP (14mm x 20mm, Pitch 0.5mm) universal adapter modules (Open-Top Socket)	
TM-WT128-64F-Y	64 pin FBGA (8mm x 11mm, Pitch 0.8mm) adapter modules for WINBIZ W128F32S (YAMAICHI Socket) (Open-Top Socket)	8mm x 11mm, Pitch=0.8mm