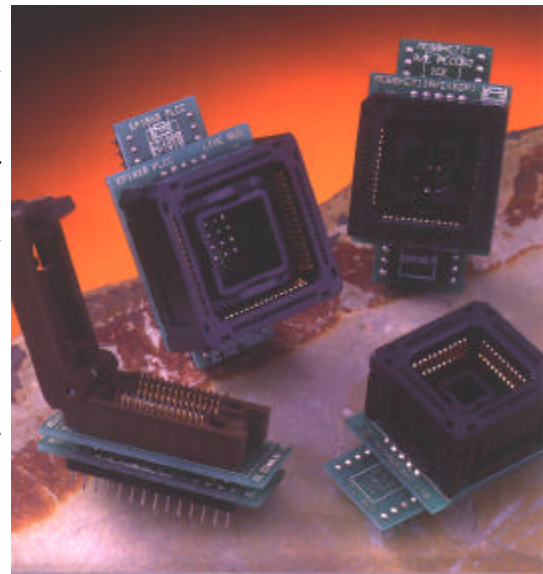# Package Adapters for 40-pin Programmers

A wide range of package adapters is available for all ICE Technology programmers. Adapters shown in this data sheet cover our 40-pin programmer range only. This includes models *LV40 Portable, Micromaster LV, Speedmaster LV, Micromaster 1000+, Speedmaster 1000+* and the *EPMaster LV*. Adapters for our range of 48-pin programmers and Speedmaster GLV-32 Gang programmer can be found on a separate data sheet. In addition to those shown, new adapters are always being produced; if you require an adapter not listed here, or simply require assistance selecting the appropriate adapter, just contact our technical support team. Adapters which map to 32-pins or less dual in-line packaging (DIP), are usually suitable for use with programmers from other manufacturers. Generally, adapters for devices with over 40-pins are only suitable for use with ICE Technology programmers.

DESCRIPTION - General memory, microcontroller and logic PLCC and SOIC adapters	ORDER CODE	PRICE £
20 PLCC to 20 DIP. Pin to pin convertor suitable for standard 20-pin JEDEC logic parts	AD-20PL-20DIP	65.00
20 PLCC to 8 DIP. For Altera FPGA configuration serial PROMs	AD-20PL-EPC1	65.00
20 PLCC to 8 DIP. For Xilinx, Atmel, AT&T & Microchip FPGA configuration serial PROMs	AD-20PL-XIL17XX	65.00
28 PLCC to 24 DIP. Converts 28 pin PLCC parts to 24 pin DIP	AD-28PL-24DIP	65.00
28 PLCC to 28 DIP. Pin to pin convertor	AD-28PL-28DIP	65.00
32 PLCC to 28 DIP. Converts 32 pin PLCC EPROMs, upto 27C512, to 28 pin DIP	AD-32PL-28DIP	65.00
32 PLCC to 32 DIP. Pin to pin convertor	AD-32PL-32DIP	65.00
44 PLCC to 40 DIP. Suitable for 16 bit memory devices.	AD-44PL-16BIT	65.00
8 SOIC to 8 DIP. Suitable for 8 & 16-pin SOIC parts (0.15" wide - JEDEC SOIC standard)	AD-8SO-8DIP	65.00
16 SOIC to 16 DIP. Suitable for 8 & 16-pin SOIC parts (0.28" wide). e.g. PIC12C5X	AD-16SO-16DIP	85.00
28 SOIC to 28 DIP. Clam shell. Suitable for 18, 24 and 28-pin SOIC parts (0.3" wide).	AD-28SO-28DIP	125.00
DESCRIPTION - General memory SOP adapters - support standard JEDEC size & pinout. Includes AMD, Atmel, Fujitsu, Intel, Macronix, SGS-Thomson, Sharp, SST etc.		
28 TSOP to 28DIP. Clam shell, pin to pin convertor (13.4 mm long)	AD-28TS-28DIP	135.00
32 TSOP to 32 DIP. Clam shell, pin to pin convertor (20 mm long)	AD-32TS-32HT	150.00
32 TSOP to 32 DIP. Spring-wall, pin to pin convertor (20 mm long)	AD-32TS-32DIP	125.00
40 TSOP to 40 DIP. Spring-wall, pin to pin convertor (20 mm long). For all 8/16-bit Flash memory	AD-40TS40-FLASH	150.00
44 PSOP to 40 DIP. Clam shell (28.2 mm long). Suitable for 8 and 8/16-bit Flash memory.	AD-44PS-40DIP	180.00
44(40) TSOPII to 40 DIP. For Flash memory devices in 44(40) TSOPII packaging	AD-44TSII-40	100.00
48 TSOP to 40 DIP. Spring wall (20 mm long). For 8-bit Flash memory. e.g. 29F080/016/032	AD-48TS40-F0XX	160.00
48 TSOP to 40 DIP. Spring wall (20 mm long). For 8/16-bit Flash memory. e.g. 29F200/400/800	AD-48TS40-FX00	160.00
56 TSOP to 40 DIP. Spring wall (20 mm long). For 8-bit Flash memory. e.g. 28F016/032	AD-56TS40-F0XX	180.00
56 TSOP to 40 DIP. Spring wall (20 mm long). For 8/16-bit Flash memory. e.g. 28F200/400/800	AD-56TS40-FX00	180.00
DESCRIPTION - Altera MAX7000S & MAX9000 adapters for use with Altera JAM format files		
JAM 44-pin PLCC adapter. For EPM7032S and EPM7064S devices in 44-pin PLCC packaging	AD-44PL-JAM	85.00
JAM 68-pin PLCC adapter. For EPM7064S and EPM7096S devices in 68-pin PLCC packaging	AD-68PL-JAM	95.00
JAM 84-pin PLCC adapter. For EPM7064S, EPM7096S, EPM7128S, EPM7160S, EPM9320 and EPM9400 devices in 84-pin PLCC packaging	AD-84PL-JAM	105.00
JAM 100-pin QFP adapter. For EPM7064S, EPM7096S, EPM7128S and EPM7160S devices in 100-pin QFP packaging	AD-100QF-JAM	200.00
JAM 100-pin TQFP adapter. For EPM7064S, EPM7096S, EPM7128S and EPM7160S devices in 100-pin TQFP packaging	AD-100TQ-JAM	200.00
JAM ISP cable & adapter. Use for ISP programming of all MAX7000S and MAX9000 devices	JAM-BLASTER	30.00

NOTE all prices are exclusive of carriage and VAT.

DESCRIPTION - Programmable Logic PLCC adapters	ORDER CODE	PRICE £
EP600 28 PLCC to 24 DIP. Use for Altera's EP600 family in PLCC package	AD-28PL-EP6XX	75.00
EP900 44 PLCC to 40 DIP. Use for Altera's EP900 family in PLCC package.	AD-44PL-EP9XX	85.00
EP1800 68 PLCC to 40 DIP. Use for Altera's EP1800 family	AD-68PL-EP18XX	95.00
MAX5000 44 PLCC to 40 DIP. Use for Altera EPM5064 devices.	AD-44PL-EPM5064	85.00
MAX5000 68 PLCC to 40 DIP. Use for Altera EPM5128 devices	AD-68PL-EPM5128	85.00
MAX7000 44 PLCC to 40 DIP. Use for Altera EPM7032 devices with POF format files	AD-44PL-EPM7032	85.00
MAX7000 68 PLCC to 40 DIP. Use for Altera EPM7064 devices with POF format files	AD-68PL-EPM7064	95.00
MAX7000 84 PLCC to 40 DIP. Use for Altera EPM7064 devices with POF format files	AD-84PL-EPM7064	105.00
ATV 44 PLCC to 40 DIP. Use for Atmel ATV2500 devices in PLCC packaging.	AD-44PL-ATV2500	85.00
MACH 44 PLCC to 40 DIP. Use for AMD MACHX1X devices in 44 pin PLCC packaging	AD-44PL-MACHX1X	85.00
MACH 68 PLCC to 40 DIP. Use for AMD MACHX2X devices in 68 pin PLCC packaging	AD-68PL-MACHX2X	110.00
MACH 84 PLCC to 40 DIP. Use for AMD MACHX3X devices in 84 pin PLCC packaging	AD-84PL-MACHX3X	125.00
ICT 44 PLCC to 40 DIP. Use for ICT PA7140 devices in PLCC packaging	AD-44PL-PA7140	85.00
XC7200 44 PLCC to 40 DIP. Use for Xilinx XC7236/A devices in 44 pin PLCC packaging	AD-44PL-XC7236	85.00
XC7200 68 PLCC to 40 DIP. Use for Xilinx XC7272 devices in 68 pin PLCC packaging	AD-68PL-XC7272	95.00
XC7200 84 PLCC to 40 DIP. Use for Xilinx XC72xx devices in 84 pin PLCC packaging	AD-84PL-XC72XX	105.00
XC95/7300 44 PLCC to 40 DIP. For Xilinx XC73xx & XC95xx devices in 44 pin PLCC packaging	AD-44PL-XC73XX	85.00
XC7300 68 PLCC to 40 DIP. For Xilinx XC7354 devices in 68 pin PLCC packaging	AD-68PL-XC7354	95.00
XC7300 68 PLCC to 40 DIP. For Xilinx XC7372 devices in 68 pin PLCC packaging	AD-68PL-XC7372	95.00
XC95/7300 84 PLCC to 40 DIP. For Xilinx XC73xx & XC95xx devices in 84 pin PLCC packaging	AD-84PL-XC73XX	105.00
DESCRIPTION - Microcontroller PLCC adapters	**ORDER CODE**	**PRICE £**
8742 44 PLCC to 40 DIP. For Intel/Philips 8742 devices in PLCC packaging	AD-44PL-8742	65.00
8751 44 PLCC to 40 DIP. For Intel, Philips etc. 87C51/52/528/652/654 & 87C251 in PLCC packaging	AD-44PL-8751	65.00
87196 68 PLCC to 40 DIP. Use for Intel 87C196KC devices	AD-68PL-87196KC	95.00
87530 52 PLCC to 40 DIP. Use for Dallas 87C530 devices	AD-52PL-DS530	95.00
87451 68 PLCC to 40 DIP. Use for Philips/Signetics 87C451 devices	AD-68PL-87451	95.00
87552 68 PLCC to 40 DIP. Use for Philips/Signetics 87C552 devices	AD-68PL-87552	95.00
87592 68 PLCC to 40 DIP. Use for Philips/Signetics 87C592 devices	AD-68PL-87592	95.00
AVR 44 PLCC to 40 DIP. Use for Atmel AVR devices in 44 pin PLCC packaging	AD-44PL-ST9	85.00
PIC16 44 PLCC to 40 DIP. Use for Microchip PIC16C64/65/74 devices in PLCC packaging	AD-44PL-16CX4	65.00
PIC17 44 PLCC to 40 DIP. Use for Microchip PIC17C4X devices in PLCC packaging	AD-44PL-17C4X	65.00
PIC16C92X 68 PLCC to 40 DIP. Use for Microchip PIC16C92X devices	AD-68PL-16C92X	95.00
PIC17C75X 68 PLCC to 40 DIP. Use for Microchip PIC17C75X devices	AD-68PL-17C75X	95.00
MC705 44 PLCC to 40 DIP. For Motorola MC68HC705C8/C9 devices in PLCC packaging	AD-44PL-705C8	85.00
MC711 44 PLCC to 40 DIP. For Motorola MC68HC711D3 devices in 44 pin PLCC packaging	AD-44PL-711D3	85.00
MC711 48 DIP to 40 DIP. For Motorola MC68HC711A/E devices in 48 pin DIP packaging	AD-48DL-711A/E	95.00
MC711 52 PLCC to 40 DIP. For Motorola MC68HC711A/E devices in 52 pin PLCC packaging	AD-52PL-711A/E	95.00
SAB-C5X5 80 QFP to 40 DIP. For Infineon/Siemens SAB-C5x5 parts in 80 pin QFP package	AD-80QF-C5X5	180.00
SAB-C508 64 QFP to 40 DIP. For Infineon/Siemens SAB-C508 parts in 64 pin QFP package	AD-64QF-C508	180.00
ST7 42 SDIP to 40 DIP. For ST Micros ST7 devices in 42-pin Shrink DIP packaging	AD-42SD-40DIP	180.00
ST7 32 SDIP to 32 DIP. For ST Micros ST7 devices in 28 and 32-pin Shrink DIP packaging	AD-32SD-32DIP	160.00
TI 370 44 PLCC to 40 DIP. For Texas Instruments TMS370C742 devices in 44-pin PLCC packaging	AD-44PL-370C742	95.00
TI 370 68 PLCC to 40 DIP. For Texas Instruments TMS370C756 devices in 68 pin PLCC packaging	AD-68PL-370C756	95.00
TI E14 68 PLCC to 40 DIP. For Texas Instruments TMS320E14 devices in 68 pin PLCC packaging	AD-68PL-320E14	95.00
TI E25 68 PLCC to 40 DIP. For Texas Instruments TMS320E25 devices in 68 pin PLCC packaging	AD-68PL-320E25	95.00
PSD 44 PLCC to 40 DIP. For WSI/Philips range of PSD3XX peripheral devices	AD-44PL-PSD3	85.00

NOTE all prices are exclusive of carriage and VAT.

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