

## List of Special Adapters and Socket Converters

April, 2010

P/N	Description	Programmer Support
<i><u>General purpose adapters or socket converter</u></i>		
PLCC-2020-01	20 pin PLCC (Pitch 1.27mm) adapter for 20 pin PLCC GAL/PAL (Clam-Shell Socket)	LT-48UXP/848XP
PLCC-2824-04	28 pin PLCC (Pitch 1.27mm) adapter (NC =1, 8,15,22) for 28 pin PLCC GAL/PAL (Clam-Shell Socket)	LT-48UXP
PLCC-2828-11	Universal 28 pin PLCC (Pitch 1.27mm) to 28 pin DIP converter (Clam-Shell Socket)	LT-48UXP
PLCC-3228-11	32 pin PLCC (Pitch 1.27mm) adapter (NC= 1,12,17,26) for E/EEPROM below 512 K (Open-Top Socket)	LT-48UXP
PLCC-3232-11	32 pin PLCC (Pitch 1.27mm) adapter for E/EEPROM with 1M and up (Open-Top Socket)	LT-48UXP/848XP
PLCC-4440-01	44 pin PLCC (Pitch 1.27mm) adapter (NC= 1,13,23,33) for 44 pin PLCC 16 bit EPROM (Clam-Shell Socket)	-
PLCC-4440-02	44 pin PLCC (Pitch 1.27mm) adapter (NC= 1,12,23,34) for 44 pin PLCC 875X processor (Clam-Shell Socket)	-
QFN-0808-01	8 pin QFN (5mm x 6mm, Thickness 1.0mm, Pitch 1.27mm) universal adapter (Open-Top Socket)	LT-48UXP
QFN-0808-02	8 pin QFN (6mm x 8mm, Thickness 1.0mm, Pitch 1.27mm) universal adapter (Clam-Shell Socket)	LT-48UXP
QFN-1616-01	16 pin QFN (5mm x 5mm, Pitch 0.8mm) universal adapter (Freescale MC9S08QG8) (Clam-Shell Socket)	LT-48UXP
QFN-2424-01	24 pin QFN (4mm x 4mm, Pitch 0.5mm) universal adapter (Motorola MC68HC908JB8) (Clam-Shell Socket)	LT-48UXP
QFN-2828-01	28 pin QFN (6mm x 6mm, Pitch 0.65mm) universal adapter (Microchip PIC 16F87X family) (Clam-Shell Socket)	LT-48UXP/848XP
QFN-3232-01	32 pin QFN (5mm x 5mm, Pitch 0.5mm) universal adapter (Clam-Shell Socket)	LT-48UXP
QFN-4844-01	48(44) pin QFN (7mm x 7mm, Pitch 0.5mm) universal adapter (Atmel ATmega16/L) (Clam-Shell Socket)	LT-48UXP
SDP-PIC-20SS	20 pin SSOP (Body Width 200mil, Pitch 0.65mm) universal adapter for Microchip PIC MCU (Open-Top Socket)	LT-848XP
SDP-UNIV-16/TS	16 pin TSSOP (Body Width 173mil, Pitch 0.65mm) universal adapter for 8-16 pin TSSOP (Clam-Shell Socket)	LT-48UXP
SDP-UNIV-16SO	16 pin SOIC (Body Width 150mil, Pitch 1.27mm) universal adapter for 8-16 pin SOIC (Clam-Shell Socket)	LT-48UXP
SDP-UNIV-16SO/173	16 pin SOIC (Body Width 173mil, Pitch 1.27mm) universal adapter for 8-16 pin SOIC (Open-Top Socket)	LT-48UXP

P/N	Description	Programmer Support
SDP-UNIV-16SO/O	16 pin SOIC (Body Width 150mil, Pitch 1.27mm) universal adapter for 8-16 pin SOIC (Open-Top Socket)	LT-48UXP
SDP-UNIV-20SO	20 pin SOIC (Body Width 300mil, Pitch 1.27mm) universal adapter for 16-20 pin SOIC (Clam-Shell Socket)	LT-48UXP
SDP-UNIV-20SO/200	20 pin SOIC (Body Width 200mil, Pitch 1.27mm) universal adapter for 8-20 pin SOIC (Clam-Shell Socket)	LT-48UXP
SDP-UNIV-24SS/150	24 pin SSOP (Body Width 150mil, Pitch 0.635mm) universal adapter (Open-Top Socket)	LT-48UXP
SDP-UNIV-28SO/300	28 pin SOIC (Body Width 300mil, Pitch 1.27mm) universal adapter for 16-28 pin SOIC (Clam-Shell Socket)	LT-48UXP/848XP
SDP-UNIV-28SS/200	28 pin SSOP (Body Width 200mil, Pitch 0.65mm) universal adapter (Open-Top Socket)	LT-48UXP
SDP-UNIV-28TS	28 pin TSOP (8mm x 13.4mm, Pitch 0.55mm) universal adapter for 28 pin TSOP Flash memory (Open-Top Socket)	LT-48UXP
SDP-UNIV-28TSS	28 pin TSSOP (Body Width 173mil, Pitch 0.65mm) universal adapter (Open-Top Socket)	LT-48UXP
SDP-UNIV-32TQ	32 pin TQFP (Body Size 7mm x 7mm, Pitch 0.8mm) universal adapter (Clam-Shell Socket)	LT-48UXP
SDP-UNIV-32TS	32 pin TSOP (8mm x 20mm, Pitch 0.5mm) universal adapter for 32 pin TSOP Flash memory (Open-Top Socket)	LT-48UXP/848XP
SDP-UNIV-32TS/W	32 pin TSOP (8mm x 14mm, Pitch 0.5mm) universal adapter for 32 pin TSOP Flash memory (Open-Top Socket)	LT-48UXP/848XP
SDP-UNIV-40TS	40 pin TSOP (10mm x 20mm, Pitch 0.5mm) universal adapter for 40 pin TSOP Flash memory (Open-Top Socket)	LT-48UXP/848XP
SDP-UNIV-40TS/W	40 pin TSOP (10mm x 14mm, Pitch 0.5mm) universal adapter for 40 pin TSOP Flash memory (Clam-Shell Socket)	LT-48UXP/848XP
SDP-UNIV-40TSS	40 pin TSSOP (Pitch 0.4mm) universal adapter for 40 pin TSSOP Flash memory (Open-Top Socket)	LT-48UXP
SDP-UNIV-42SD	42 pin Shrink DIP (Pitch 1.778mm) universal adapter (DIP Socket)	LT-48UXP
SDP-UNIV-44	44 pin PLCC (Pitch 1.27mm) universal adapter (Open-Top Socket)	LT-48UXP/848XP
SDP-UNIV-44/TS	44 pin TSOP (12mm x 18.5mm, Pitch 0.8mm) universal adapter for Samsung / Toshiba 44pin TSOP NAND Flash memory (Open-Top Socket)	LT-48UXP/848XP
SDP-UNIV-44C	44 pin PLCC (Pitch 1.27mm) universal adapter (Clam-Shell Socket)	LT-48UXP/848XP
SDP-UNIV-44PSO	44 pin PSOP (Body Width 525mil, Pitch 1.27mm) universal adapter for 44 pin PSOP Flash memory (Open-Top Socket)	LT-48UXP/848XP
SDP-UNIV-44Q	44 pin QFP (Body Size 10mm x 10mm, Tip To Tip Size 13.2mm x 13.2mm, Thickness 2mm, Pitch 0.8mm) universal adapter (Clam-Shell Socket)	LT-48UXP/848XP
SDP-UNIV-44TQ	44 pin TQFP (Body Size 10mm x 10mm, Tip To Tip Size 12mm x 12mm, Thickness 1.2mm, Pitch 0.8mm) universal adapter (Clam-Shell Socket)	LT-48UXP/848XP
SDP-UNIV-48LQ	48 pin LQFP (Body Size 7mm x 7mm, Tip To Tip Size 9mm x 9mm, Thickness 1mm, Pitch 0.5mm) universal adapter (Clam-Shell Socket)	LT-48UXP

P/N	Description	Programmer Support
SDP-UNIV-48SS/300	48 pin SSOP (Body Width 300mil, Pitch 0.635mm) universal adapter (Clam-Shell Socket)	LT-48UXP
SDP-UNIV-48TS	48 pin TSOP (12mm x 20mm, Pitch 0.5mm) universal adapter for 48 pin TSOP Type I Package Flash memory (Open-Top Socket)	LT-48UXP/848XP
SDP-UNIV-48TS/W	48 pin TSOP (12mm x 14mm, Pitch 0.5mm) universal adapter for 48 pin TSOP Type II Package Flash memory (Open-Top Socket)	LT-48UXP/848XP
SDP-UNIV-48TSS	48 pin TSSOP (Pitch 0.4mm) universal adapter for 48 pin TSSOP Flash memory (Open-Top Socket)	LT-48UXP/848XP

General purpose adapters or socket converter (848XP)

GDP-DIP-001	DIP to DIP adapter for Motorola HC705P6/A, HC705P9, ATMEL 90S44xx, AT90S85xx (DIP Socket)	LT-848XP
GDP-DIP-002	DIP to DIP adapter for Altera EPC1/2 and Atmel 17Cxxx, 17LVxxx PROM (DIP Socket)	LT-848XP
GDP-DIP-003	DIP to DIP adapter for Microchip PIC 16C64/5A/5B/7, 16C74A, 16C77/774, 17LVxxx PROM (DIP Socket)	LT-848XP
GDP-DIP-006	DIP to DIP adapter for Atmel ATmega48 (DIP Socket)	LT-848XP
GDP-DIP-008	DIP to DIP adapter for SUNPLUS SPHE6400A (DIP Socket)	LT-848XP
GDP-DIP-009	DIP to DIP adapter for Freescale MC68HC908QY4 (DIP Socket)	LT-848XP
GDP-MSOP-0801	8 pin MSOP (Body Width 3mm, Pitch 0.65mm) adapter for Microchip 24AA32A/24LC32A (Clam-Shell Socket)	LT-848XP
GDP-PLCC-2801	28 pin PLCC (Pitch 1.27mm) adapter for Philips 89LPC932 (Clam-Shell Socket)	LT-848XP
GDP-PLCC-4401	44 pin PLCC (Pitch 1.27mm) adapter for Motorola 68HC705C8(A) / Microchip PIC16C64(65)(67)(74)(77)(F74)(F77)(F87x)(18F4x2)(18F4x8) (Open-Top Socket)	LT-848XP
GDP-PLCC-4401C	44 pin PLCC (Pitch 1.27mm) adapter for Motorola 68HC705C8(A) / Microchip PIC16C64(65)(67)(74)(77)(F74)(F77)(F87x)(18F4x2)(18F4x8) (Clam-Shell Socket)	LT-848XP
GDP-PLCC-4402	44 pin PLCC (Pitch 1.27mm) adapter for Motorola 68HC705C9A (Open-Top Socket)	LT-848XP
GDP-PLCC-4403	44 pin PLCC (Pitch 1.27mm) adapter for Myson MTV230M/312M (Open-Top Socket)	LT-848XP
GDP-QFN-0801	8 pin QFN (5mm x 6mm, Thickness 1.0mm, Pitch 1.27mm) adapter for ST M25P80 (Open-Top Socket)	LT-848XP
GDP-QFN-0802	8 pin QFN (6mm x 8mm, Thickness 1.0mm, Pitch 1.27mm) adapter for Macronix MX25L6405D (Clam-Shell Socket)	LT-848XP
<b>New</b> GDP-QFN-0805	8 pin QFN (5mm x 6mm, Thickness 1.0mm, Pitch 1.27mm) adapter for Atmel AT45DB011D/021D/041D/081D/161D/321D (Open-Top Socket)	LT-848XP
<b>New</b> GDP-QFN-0806	8 pin QFN (6mm x 8mm, Thickness 1.0mm, Pitch 1.27mm) adapter for Atmel AT45DB081B/161B/321D/642D (Clam-Shell Socket)	LT-848XP
<b>New</b> GDP-QFN-3201	32 pin QFN (5mm x 5mm, Pitch 0.5mm) adapter for Atmel ATmega48/88/168(V) (Clam-Shell Socket)	LT-848XP

P/N	Description	Programmer Support
GDP-QFN-4801	48(44) pin QFN (7mm x 7mm, Pitch 0.5mm) adapter for Atmel ATmega16(L)/164P/324P/644P (Clam-Shell Socket)	LT-848XP
GDP-SDIP-4201	42 pin Shrink DIP (Pitch 1.778mm) adapter for Myson MTV312M64/512 (DIP Socket)	-
GDP-SOIC-1601	16 pin SOIC (Body Width 150mil, Pitch 1.27mm) adapter for Microchip PIC12F508(509)(510)(629)(675) / Weltrend WT6702F(6703F) (Clam-Shell Socket)	LT-848XP
GDP-SOIC-1602	16 pin SOIC (Body Width 150mil, Pitch 1.27mm) adapter for Atmel AT24C02/04/08/16/32 (Clam-Shell Socket)	-
GDP-SOIC-1604	16 pin SOIC (Body Width 150mil, Pitch 1.27mm) adapter for ST M25P10/20/40 (Clam-Shell Socket)	LT-848XP
GDP-SOIC-1605	16 pin SOIC (Body Width 150mil, Pitch 1.27mm) adapter for Microchip 93LC66 (Clam-Shell Socket)	LT-848XP
New GDP-SOIC-1606	16 pin SOIC (Body Width 150mil, Pitch 1.27mm) adapter for Atmel AT45DB011D/021D/041D/081D (Clam-Shell Socket)	LT-848XP
GDP-SOIC-2002	20 pin SOIC (Body Width 200mil, Pitch 1.27mm) adapter for Atmel AT24C32/64 (Clam-Shell Socket)	-
GDP-SOIC-2003	20 pin SOIC (Body Width 200mil, Pitch 1.27mm) adapter for ST M25P80 (Clam-Shell Socket)	LT-848XP
GDP-SOIC-2004	20 pin SOIC (Body Width 200mil, Pitch 1.27mm) adapter for Freescale MC68HC908QT1/QT2/QT4 (Clam-Shell Socket)	LT-848XP
GDP-SOIC-2005	20 pin SOIC (Body Width 200mil, Pitch 1.27mm) adapter for Microchip 93AA(C)(LC)46/56/66 (Clam-Shell Socket)	LT-848XP
New GDP-SOIC-2006	20 pin SOIC (Body Width 200mil, Pitch 1.27mm) adapter for Atmel AT45DB011D(B)/021D(B)/041D(B)/081D/161D/321D (Clam-Shell Socket)	LT-848XP
GDP-SOIC-2801	28 pin SOIC (Body Width 300mil, Pitch 1.27mm) adapter for ST M25P80 (Clam-Shell Socket)	LT-48UXP/848XP
GDP-SOIC-2802	28 pin SOIC (Body Width 300mil, Pitch 1.27mm) adapter for SyncMOS SM894051 (Clam-Shell Socket)	LT-848XP
GDP-SOIC-2803	28 pin SOIC (Body Width 300mil, Pitch 1.27mm) adapter for Freescale MC68HC908QY1/QY2/QY4 (Clam-Shell Socket)	LT-848XP
GDP-SSOP-2801	28 pin SSOP (Body Width 150mil, Pitch 0.635mm) adapter for Weltrend WT6702F/6703F (Open-Top Socket)	LT-848XP
GDP-TQFP-3201	32 pin TQFP (Body Size 7mm x 7mm, Pitch 0.8mm) adapter for Atmel ATmega8/48/88/168 (Clam-Shell Socket)	LT-848XP
GDP-TQFP-4401	44 pin TQFP (Body Size 10mm x 10mm, Pitch 0.8mm) adapter for Motorola 68HC705C8(A44) / Atmel ATmega16x(32x)(64x) (Clam-Shell Socket)	LT-848XP
New GDP-TQFP-4402	44 pin TQFP (Body Size 10mm x 10mm, Pitch 0.8mm) adapter for Microchip PIC18F4220/4221/4320/4321/4x1x (Clam-Shell Socket)	LT-848XP
GDP-TQFP-4403	44 pin TQFP (Body Size 10mm x 10mm, Pitch 0.8mm) adapter for Atmel AT89C51AC2 (Clam-Shell Socket)	LT-848XP
GDP-TQFP-4404	44 pin TQFP (Body Size 10mm x 10mm, Pitch 0.8mm) adapter for Weltrend WT61P7/P8 (Clam-Shell Socket)	LT-848XP
GDP-TSOP-2801	28 pin TSOP (8mm x 13.4mm, Pitch 0.55mm) adapter for Atmel AT45DB021B/041B/081B/161B (Open-Top Socket)	LT-848XP

P/N	Description	Programmer Support
<i>New</i> GDP-TSOP-2802	28 pin TSOP (8mm x 13.4mm, Pitch 0.55mm) adapter for Atmel AT45DB021B/041B/081B/161B/161D/321D/642D (Open-Top Socket)	LT-848XP
GDP-TSOP-3201	32 pin TSOP (8mm x 20mm, Pitch 0.5mm) adapter for Atmel AT45DB321B (Open-Top Socket)	LT-848XP
GDP-TSSOP-1601	16 pin TSSOP (Body Width 173mil, Pitch 0.65mm) adapter for Microchip 24LC512 (Clam-Shell Socket)	LT-848XP
GDP-TSSOP-2801	28 pin TSSOP (Body Width 173mil, Pitch 0.65mm) adapter for Philips 89LPC932 (Open-Top Socket)	LT-848XP
GDP-TSSOP-2802	28 pin TSSOP (Body Width 173mil, Pitch 0.65mm) adapter for Atmel AT93Cxx / Catalyst CAT93Cxx (Open-Top Socket)	LT-848XP
QFN-4444-01	44 pin QFN (8mm x 8mm, Pitch 0.65mm) adapter for Microchip PIC16F747(777)(884)(887) / PIC18F4220(4320) (Clam-Shell Socket)	LT-48UXP/848XP
QFN-6432-01	64 pin QFN (9mm x 9mm, Pitch 0.5mm) adapter for Atmel ATmega128(169) / AT90USB1286(1287) (Clam-Shell Socket)	LT-48UXP/848XP

### ALTERA EPM Series

SDP-5192-84	84 pin PLCC (Pitch 1.27mm) adapter for Altera EPM5192/A (Open-Top Socket)	LT-48UXP
SDP-7064-100Q	100 pin QFP (Body Size 14mm x 20mm, Pitch 0.65mm) adapter for Altera EPM7064 (Clam-Shell Socket)	LT-48UXP
SDP-7064-68	68 pin PLCC (Pitch 1.27mm) adapter for Altera EPM7064/7096 (Open-Top Socket)	LT-48UXP
SDP-7064-84	84 pin PLCC (Pitch 1.27mm) adapter for Altera EPM7064/7096 (Open-Top Socket)	LT-48UXP
SDP-7096-100Q	100 pin QFP (Body Size 14mm x 20mm, Pitch 0.65mm) adapter for Altera EPM7096 (Clam-Shell Socket)	-
SDP-7128-100Q	100 pin QFP (Body Size 14mm x 20mm, Pitch 0.65mm) adapter for Altera EPM7128/E (Clam-Shell Socket)	LT-48UXP
SDP-7128-84	84 pin PLCC (Pitch 1.27mm) adapter for Altera EPM7128/E (Open-Top Socket)	LT-48UXP
SDP-7160-100Q	100 pin QFP (Body Size 14mm x 20mm, Pitch 0.65mm) adapter for Altera EPM7160/E (Clam-Shell Socket)	LT-48UXP
SDP-7160-84	84 pin PLCC (Pitch 1.27mm) adapter for Altera EPM7160/E (Open-Top Socket)	LT-48UXP

### AMD MACH Series

SDP-M120-68	68 pin PLCC (Pitch 1.27mm) adapter for AMD MACH 12x/22x (Open-Top Socket)	LT-48UXP
SDP-M130-84	84 pin PLCC (Pitch 1.27mm) adapter for AMD MACH 13x/23x/435 and M4/128 (Open-Top Socket)	LT-48UXP
SDP-M131-100Q	100 pin QFP (Body Size 14mm x 20mm, Pitch 0.65mm) adapter for AMD MACH 131/231SP (Clam-Shell Socket)	LT-48UXP

P/N	Description	Programmer Support
<b><u>LATTICE LSI Series</u></b>		
SDP-1024-68	68 pin PLCC (Pitch 1.27mm) adapter for Lattice PLSI1024 (Open-Top Socket)	LT-48UXP
SDP-1032-84	84 pin PLCC (Pitch 1.27mm) adapter for Lattice PLSI1032/2064 (Open-Top Socket)	LT-48UXP
<b><u>XILINX EPLD Family</u></b>		
SDP-95108-100Q	100 pin QFP (Body Size 14mm x 20mm, Pitch 0.65mm) adapter for Xilinx XC95108 (Clam-Shell Socket)	LT-48UXP
SDP-95108-84	84 pin PLCC (Pitch 1.27mm) adapter for Xilinx XC95108 (Open-Top Socket)	LT-48UXP
SDP-9572-84	84 pin PLCC (Pitch 1.27mm) adapter for Xilinx XC9572 (Open-Top Socket)	LT-48UXP
<b><u>Single Chips Microprocessor</u></b>		
SDP-11F1-68	68 pin PLCC (Pitch 1.27mm) adapter for Motorola 68HC11F1 (Open-Top Socket)	LT-48UXP
SDP-11K1-84	84 pin PLCC (Pitch 1.27mm) adapter for Motorola XC68HC11K1/K4 (Open-Top Socket)	LT-48UXP
SDP-11L6-68	68 pin PLCC (Pitch 1.27mm) adapter for Motorola MC68HC711L6 (Open-Top Socket)	LT-48UXP
SDP-18J01-64TQ	64 pin TQFP (Body Size 10mm x 10mm, Pitch 0.5mm) adapter for Microchip PIC18F67J60 (Clam-Shell Socket)	LT-48UXP
SDP-196J-68	68 pin PLCC (Pitch 1.27mm) adapter for Intel 87C196KR/KQ/JR (Open-Top Socket)	LT-48UXP
SDP-196K-68	68 pin PLCC (Pitch 1.27mm) adapter for Intel 87C196KB/KD/KC (Open-Top Socket)	LT-48UXP
SDP-320E-68	68 pin PLCC (Pitch 1.27mm) adapter for TI TMS320E25 (Open-Top Socket)	LT-48UXP
SDP-3224-100Q	100 pin QFP (Body Size 14mm x 20mm, Pitch 0.65mm) adapter for ST STV0680 (Clam-Shell Socket)	LT-48UXP/848XP
SDP-6811-52B	52 pin PLCC (Pitch 1.27mm) adapter for Motorola MC68HC11A1/E9/E1/E2, MC68HC711E9/E20 (Open-Top Socket)	LT-48UXP
SDP-705B-52	52 pin PLCC (Pitch 1.27mm) adapter for Motorola 68705B5/B16/B32 (Open-Top Socket)	LT-48UXP
SDP-705X-64Q	64 pin QFP (Body Size 14mm x 14mm, Pitch 0.8mm) adapter for Motorola 68HC705X32 (Clam-Shell Socket)	LT-48UXP
SDP-7552-68	68 pin PLCC (Pitch 1.27mm) adapter for Philips 87C552 (Open-Top Socket)	LT-48UXP
SDP-7592-68	68 pin PLCC (Pitch 1.27mm) adapter for Philips 87C592 (Open-Top Socket)	LT-48UXP
SDP-908AS-52	52 pin PLCC (Pitch 1.27mm) adapter for Motorola 68HC908AS (Open-Top Socket)	LT-48UXP
SDP-908AZ-64Q	64 pin QFP (Body Size 14mm x 14mm, Pitch 0.8mm) adapter for Motorola 68HC908AZ60 (Clam-Shell Socket)	LT-48UXP
SDP-96MH-84	84 pin PLCC (Pitch 1.27mm) adapter for Intel 87C196MH/MC (Open-Top Socket)	LT-48UXP

P/N	Description	Programmer Support
<i>New</i> SDP-9S12X-64LQ	64 pin LQFP (Body Size 10mm x 10mm, Pitch 0.5mm) adapter for Freescale MC9S12XS64 (Clam-Shell Socket)	LT-848XP
SDP-AD816-52Q	52 pin QFP (Body Size 10mm x 10mm, Pitch 0.65mm) adapter for Analog device AduC812/816 MCU (Clam-Shell Socket)	LT-48UXP
SDP-AT128-64TQ	64 pin TQFP (Body Size 14mm x 14mm, Pitch 0.8mm) adapter for Atmel ATmega64/128 (Open-Top Socket)	LT-48UXP/848XP
SDP-AT91S-64TQ	64 pin TQFP (Body Size 10mm x 10mm, Pitch 0.5mm) adapter for Atmel AT91SAM7S64/128/256 (Clam-Shell Socket)	LT-48UXP
SDP-AX110-128LQ	128 pin LQFP (Body Size 14mm x 14mm, Pitch 0.4mm) adapter for ASIX AX11015 (Clam-Shell Socket)	LT-48UXP/848XP
SDP-AX110-80LQ	80 pin LQFP (Body Size 12mm x 12mm, Pitch 0.5mm) adapter for ASIX AX11001/11005 (Clam-Shell Socket)	LT-848XP
SDP-C508-64Q	64 pin QFP (Body Size 14mm x 14mm, Pitch 0.8mm) adapter for Infineon C508-4E (Clam-Shell Socket)	LT-48UXP
SDP-C515-80Q	80 pin QFP (Body Size 14mm x 14mm, Pitch 0.65mm) adapter for Siemens C515/C505L (Clam-Shell Socket)	LT-48UXP
SDP-C530-52	52 pin PLCC (Pitch 1.27mm) adapter for Dallas 87C530 (Open-Top Socket)	LT-48UXP
SDP-C752-68	68 pin PLCC (Pitch 1.27mm) adapter for Microchip PIC 17C752/6 (Open-Top Socket)	LT-48UXP
SDP-C923-64TQ	64 pin TQFP (Body Size 10mm x 10mm, Pitch 0.5mm) adapter for Microchip PIC 16C923/924 (Clam-Shell Socket)	LT-48UXP
SDP-C923-68	68 pin PLCC (Pitch 1.27mm) adapter for Microchip PIC 16C923/924 (Open-Top Socket)	LT-48UXP/848XP
SDP-N213X-64LQ	64 pin LQFP (Body Size 10mm x 10mm, Pitch 0.5mm) adapter for NXP P89LPC2131/2132/2134/2136/2138 (Clam-Shell Socket)	LT-48UXP/848XP
SDP-PIC18-28SO	28 pin SOIC (Body Width 300mil, Pitch 1.27mm) adapter for Microchip PIC18F24J10 (Clam-Shell Socket)	LT-848XP
SDP-PIC18X-64TQ	64 pin TQFP (Body Size 10mm x 10mm, Pitch 0.5mm) adapter for Microchip PIC18F6X20 MCU (Clam-Shell Socket)	LT-48UXP
SDP-R21256-52LQ	52 pin LQFP (Body Size 10mm x 10mm, Pitch 0.65mm) Adapter for Renesas R5F21256SNFP (Clam-Shell Socket)	LT-48UXP/848XP
SDP-RT2120-44	44 pin PLCC (Pitch 1.27mm) adapter for Realtek RTD2120S (Open-Top Socket)	LT-48UXP/848XP
SDP-RT2120-48LQ	48 pin LQFP (Body Size 7mm x 7mm, Tip To Tip Size 9mm x 9mm, Thickness 1mm, Pitch 0.5mm) adapter for Realtek RTD2120L (Clam-Shell Socket)	LT-48UXP/848XP
SDP-SDA555-52SD	52 pin Shrink DIP (Pitch 1.778mm) adapter for Micronas SDA555XFL (DIP Socket)	LT-848XP

P/N	Description	Programmer Support
<b>Flashes</b>		
GDP-1305-48TSS	48 pin TSSOP (Pitch 0.4mm) adapter for Sharp LRS1305 (Open-Top Socket)	LT-848XP
GDP-130X-48TSS	48 pin TSSOP (Pitch 0.4mm) adapter for Sharp LRS 1306/1308 (Open-Top Socket)	LT-848XP
GDP-1611-48TS	48 pin TSOP (12mm x 20mm, Pitch 0.5mm) adapter for Macronix MX29L1611 (Open-Top Socket)	LT-848XP
GDP-F016-56TS	56 pin TSOP (14mm x 20mm, Pitch 0.5mm) adapter for Intel 28F016(032)S3/S5 (Open-Top Socket)	LT-48UXP/848XP
GDP-F320-56SS	56 pin SSOP (Pitch 0.8mm) adapter for Intel 28F320(640)(128)J5/J3 (Open-Top Socket)	LT-848XP
GDP-F640-56TS	56 pin TSOP (14mm x 20mm, Pitch 0.5mm) adapter for Intel 28F320(640)J5/J3 (Open-Top Socket)	LT-848XP
GDP-ST064-48TS	48 pin TSOP (12mm x 20mm, Pitch 0.5mm) adapter for ST M29KW016/032/064 (Open-Top Socket)	LT-848XP
SDP-1329-64F	64 pin FBGA (8mm x 11mm, Pitch 0.8mm) adapter for Sharp LRS1329/1340/1349/1356 (Clam-Shell Socket)	LT-48UXP/848XP
SDP-1331-64F	64 pin FBGA (8mm x 11mm, Pitch 0.8mm) adapter for Sharp LRS1331/1337/1341/1342/1357/1358/1362/1363/1364/1365 (Clam-Shell Socket)	LT-48UXP/848XP
SDP-1826-64F	64 pin FBGA (8mm x 11mm, Pitch 0.8mm) adapter for Sharp LRS1826 and Atmel AT52BR3244/3248 (Clam-Shell Socket)	LT-48UXP/848XP
SDP-1876-64F	64 pin FBGA (8mm x 11mm, Pitch 0.8mm) adapter for Sharp LRS1876 (Clam-Shell Socket)	LT-48UXP
SDP-3204-64F	64 pin FBGA (8mm x 12mm, Pitch 0.8mm) adapter for Intel RD28F1604/3204 (Open-Top Socket)	LT-48UXP/848XP
SDP-41DL16-69F	69 pin FBGA (8mm x 11mm, Pitch 0.8mm) adapter for AMD 41DL16xx MCP (Open-Top Socket)	LT-48UXP/848XP
SDP-42DL32-73F	73 pin FBGA (8mm x 11.6mm, Pitch 0.8mm) adapter for AMD 42DL32xx MCP (Open-Top Socket)	LT-48UXP/848XP
SDP-49PDL64-73F	73 pin FBGA (9mm x 13mm, Pitch 0.8mm) adapter for AMD AM49PDL640AG (Open-Top Socket)	LT-848XP
SDP-6408-64F	64 pin FBGA (8mm x 14mm, Pitch 0.8mm) adapter for Intel RD28F3208C3B/T, 6408J3A (Open-Top Socket)	LT-48UXP/848XP
SDP-A128M-64E	64 pin EBGA (11mm x 13mm, Pitch 1.0mm) adapter for AMD 29LV640MH/L, 29LV128MH/L (LAA064) (Open-Top Socket)	LT-48UXP/848XP
SDP-A160-48F	48 pin FBGA (8mm x 9mm, Pitch 0.8mm) adapter for AMD 29LV160 (Open-Top Socket)	LT-48UXP/848XP
SDP-A256M-56TS	56 pin TSOP (14mm x 20mm, Pitch 0.5mm) adapter for AMD 29LV256MH/L (Open-Top Socket)	LT-48UXP/848XP
SDP-A320-48F	48 pin FBGA (6mm x 12mm, Pitch 0.8mm) adapter for AMD 29DL32x (Open-Top Socket)	LT-48UXP/848XP
SDP-A320-63F	63 pin FBGA (8mm x 14mm, Pitch 0.8mm) adapter for AMD 29DL32x (Open-Top Socket)	LT-48UXP/848XP
SDP-A640-48F	48 pin FBGA (11mm x 12mm, Pitch 0.8mm) adapter for AMD 29DL640D (Open-Top Socket)	LT-48UXP/848XP
SDP-A642-64E	64 pin EBGA (11mm x 13mm, Pitch 1.0mm) adapter for AMD 29LV642D (Open-Top Socket)	LT-48UXP/848XP

P/N	Description	Programmer Support
SDP-A800-48F	48 pin FBGA (6mm x 9mm, Pitch 0.8mm) adapter for AMD 29LV800 (Open-Top Socket)	LT-48UXP/848XP
SDP-AT640-64E	64 pin EBGA (9mm x 10mm, Pitch 1.0mm) adapter for Atmel AT49BV160(320)(640)S/ST (Open-Top Socket)	LT-48UXP/848XP
SDP-BL802-56SS	56 pin SSOP (Pitch 0.8mm) adapter for AMD 29BL802C/1602C (Open-Top Socket)	LT-48UXP
SDP-D641-52TS/W	52 pin TSOP (Pitch 0.4mm) adapter for Mitsubishi M6MGT321S4TP, M6MGT641S8TP (Open-Top Socket)	LT-48UXP/848XP
SDP-EBGA-001	64 pin EBGA (10mm x 13mm, Pitch 1.0mm) adapter for Intel 28F800(160)(320)F3/C3 (Open-Top Socket)	LT-48UXP/848XP
SDP-EBGA-002	64 pin EBGA (10mm x 13mm, Pitch 1.0mm) adapter for Intel 28F320(640)(128)J3A (Open-Top Socket)	LT-48UXP/848XP
SDP-EBGA-003	64 pin EBGA (10mm x 13mm, Pitch 1.0mm) adapter for Intel 28F128J3C (Open-Top Socket)	LT-48UXP/848XP
SDP-EBGA-004	64 pin EBGA (10mm x 15mm, Pitch 1.0mm) adapter for Intel RC28F256J3C (Open-Top Socket)	LT-48UXP/848XP
SDP-F1316-64F	64 pin FBGA (8mm x 11mm, Pitch 0.8mm) adapter for Sharp LRS1306/1316A (Clam-Shell Socket)	LT-48UXP/848XP
SDP-F160-56SS	56 pin SSOP (Pitch 0.8mm) adapter for Intel 28F160F3 (Open-Top Socket)	LT-48UXP/848XP
SDP-F2108-56F	56 pin FBGA (7mm x 7.2mm, Pitch 0.8mm) adapter for Fujitsu 84VD2108x MCP (Open-Top Socket)	LT-48UXP/848XP
SDP-F2228-56F	56 pin FBGA (7mm x 9mm, Pitch 0.8mm) adapter for Fujitsu MB84VD22280(22290)FE (Open-Top Socket)	LT-48UXP/848XP
SDP-F2238-56F	56 pin FBGA (7mm x 11mm, Pitch 0.8mm) adapter for Fujitsu MB84VD2238x(2239x)EF/J (Open-Top Socket)	-
SDP-F256-80F	80 pin FBGA (10mm x 14mm, Pitch 0.8mm) adapter for Intel RD28F256(192)(128)SJ3AM (Open-Top Socket)	LT-48UXP/848XP
SDP-F320-56SS	56 pin SSOP (Pitch 0.8mm) adapter for Intel 28F160(320)S3/S5 (Open-Top Socket)	LT-48UXP/848XP
SDP-F400-56TS	56 pin TSOP (14mm x 20mm, Pitch 0.5mm) adapter for Intel 28F400/28F200 (Open-Top Socket)	LT-48UXP
SDP-F554-96F	96 pin FBGA (9mm x 10mm, Pitch 0.8mm) adapter for Fujitsu MB84VF5F5F4J2 (Clam-Shell Socket)	LT-48UXP/848XP
SDP-I320-48U	48 pin uBGA (7.286mm x 10.85mm, Pitch 0.75mm) adapter for Intel 28F320B3/C3, 28F160B3/C3 (Open-Top Socket)	LT-48UXP/848XP
SDP-i320-48VF	48 pin VFBGA (6.964mm x 7.286mm, Pitch 0.75mm) adapter for Intel 28F320B3C/C3C, 28F160C3C (Open-Top Socket)	LT-48UXP/848XP
SDP-I512P3-56TS	56 pin TSOP (14mm x 20mm, Pitch 0.5mm) adapter for Intel TE28F256Pxxx (Open-Top Socket)	LT-48UXP/848XP
SDP-i640-48VF	48 pin VFBGA (7.7mm x 9mm, Pitch 0.75mm) adapter for Intel GE28F640C3 (Open-Top Socket)	LT-48UXP/848XP
SDP-M157-52TS/W	52 pin TSOP (Pitch 0.4mm) adapter for Mitsubishi M5M29KE-157MT (Open-Top Socket)	LT-48UXP/848XP
SDP-MT322-48U	48 pin uBGA (7mm x 10mm, Pitch 0.75mm) adapter for Micron MT28F322P3FJ stack flash (Open-Top Socket)	LT-48UXP/848XP
<b>New</b> SDP-MX128D-64E	64 pin EBGA (10mm x 13mm, Pitch 1.0mm) adapter for Macronix M29LA128DB/DT & Numonyx M29W640G(S)B/T/H/L (FAA064) (Open-Top Socket)	LT-48UXP/848XP

P/N	Description	Programmer Support
SDP-S064J-56F	56 pin FBGA (7mm x 9mm, Pitch 0.8mm) adapter for Spansion S71PL032J/064J (Open-Top Socket)	LT-48UXP/848XP
SDP-S127J-56TS	56 pin TSOP (14mm x 20mm, Pitch 0.5mm) adapter for Spansion 29PL127J (Open-Top Socket)	LT-48UXP
SDP-S160-48U	48 pin uBGA (8mm x 8mm, Pitch 0.75mm) adapter for Sharp 28F160BJHG-BTL90 (Clam-Shell Socket)	LT-848XP
SDP-SL3208-64F	64 pin FBGA (8mm x 10mm, Pitch 0.8mm) adapter for SILICON7 SV4F16xx/32xx (Open-Top Socket)	LT-48UXP/848XP
SDP-SSK5A3-56F	56 pin FBGA (8mm x 11mm, Pitch 0.8mm) adapter for Samsung K5A3x80YT/B (Open-Top Socket)	LT-48UXP/848XP
SDP-SST1621-56F	56 pin FBGA (8mm x 10mm, Pitch 0.8mm) adapter for SST 34HF1621/1601 (Open-Top Socket)	LT-48UXP/848XP
SDP-SST800-48F	48 pin FBGA (6mm x 8mm, Pitch 0.8mm) adapter for SST 39VF800/160 (Open-Top Socket)	LT-48UXP/848XP
SDP-ST064-56TS	56 pin TSOP (14mm x 20mm, Pitch 0.5mm) adapter for ST 58LW064A (Open-Top Socket)	LT-48UXP/848XP
SDP-ST160-48VF	48 pin VFBGA (6.37mm x 6.39mm, Pitch 0.75mm) adapter for ST M28W160CT/B (Open-Top Socket)	LT-48UXP/848XP
SDP-ST320-48U	48 pin uBGA (6.39mm x 10.5mm, Pitch 0.75mm) adapter for ST 28W320CT (Open-Top Socket)	LT-48UXP/848XP
SDP-ST320-48VF	48 pin VFBGA (6.37mm x 6.39mm, Pitch 0.75mm) adapter for ST M28W320CT/B (Open-Top Socket)	LT-48UXP/848XP
SDP-TH1282-48F	48 pin FBGA (7mm x 10mm, Pitch 0.8mm) adapter for Toshiba TC581282AXB,58FYM6 (Open-Top Socket)	LT-48UXP/848XP
SDP-TH2580-56F	56 pin FBGA (9mm x 12mm, Pitch 0.8mm) adapter for Toshiba TH50VSF2580/1AASB (Open-Top Socket)	LT-848XP
SDP-TH5782-60F	60 pin FBGA (9mm x 12mm, Pitch 0.8mm) adapter for Toshiba TH50VPF5782/83AASB (Open-Top Socket)	LT-848XP