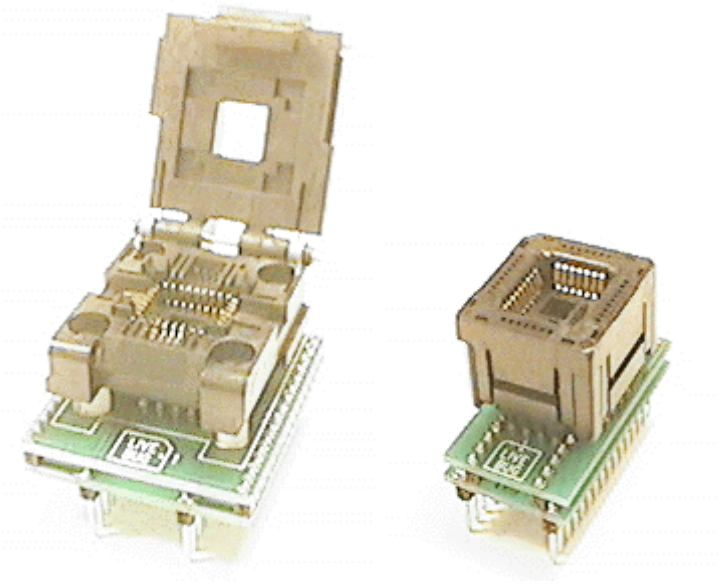
PRODUCT DATA SHEET



AD63 and AD51

Package Converters for E(E)PROMs and FLASH etc (PLCC)

Product Code	Pins on skt	Pins on Base	Wiring Code	Package	Base pitch"	Miscellaneous	RoHS
AD63	32	32	01	P	.6	Clamshell	

Product Code	Pins on skt	Pins on Base	Wiring Code	Package	Base pitch"	Miscellaneous	RoHS
AD51	32	32	01	P	.6	Eject, GANG	

For use on the following programmers

- Any programmer capable of programming 32 pin DIL version of same EPROM device

Device types

AMD	Am27C010-###J Am27C010-##J Am27C010-J Am29F010B-J Am29LV010B-J Am27C020-J Am29F002B-J Am29F002T-J Am27C040-J Am27H010 Am27LV512 Am27LV020 Am28F256 Am28F512 Am28F010 Am28F020 Am29F010 Am29F020 Am29F040
Atmel	AT29C257-J AT27BV010-J AT27C010-J AT27C010-K AT27C010L-J AT27C010L-K AT27LV010-J AT27LV010-K AT27BV020-J AT27C020-J AT27LV020-J AT49F002-J AT49F002N-J AT49F002NT-J AT49F002T-J AT27C040-J AT27LV040-J AT28C010 AT29C512 AT29C010 AT29C010A AT29LV010
Catalyst	CAT28F512 CAT28F010 CAT28F020
Cypress	CY27C010-J CY27H010-J

EON	EN29F002B-J EN29F002NB-J EN29F002NT-J EN29F002T-J
Fujitsu	MBM29F002B MBM29F002T MBM27C1000 MBM27C1001 MBM28F010 MBM29F040A
Hitachi	27101
Holt	HT27C010 HT27LC010 HT27C020 HT27LC020
Hyundai	HY29F040AC
Intel	N28F001BX-B N28F001BX-T N27C020 N27C040 27C010 27C020 28F001BX 28F256A 28F512 28F010 28F020
Macronix	MX27C1000Q MX27C2000Q MX27C2002Q MX27L2000Q MX29F002BQC MX29F002NBQC MX29F002NTQC MX29F002TQC MX27C4000Q MX27C8000Q
Mitsubishi	M5M27C101J M5M27C201J-##
Mosel Vitelic	V29LC51000-J V29LC51001-J

National	NM27C010V 27C020
Philips	27C010
PMC	Pm37LV512-J Pm39LV512R-J Pm39F010-J Pm39LV010R-J Pm29F002B-J Pm29F002T-J Pm49FL002T-J Pm29F004B-J Pm29F004T-J Pm49FL004T-J Pm49FL008T-J
Signetics	27C010
SST	SST37VF512-###-##-NH SST39LH512-N SST39SF512-N SST39VF512-N SST37VF010-###-##-NH SST39LH010-JH SST39SF010-NH SST39VF010-JH SST37VF020-###-##-NH SST39SF020-NH SST49LF002A-N SST49LF003A-N SST37VF040-###-##-NH SST39SF040-NH SST49LF004A-N SST49LF008A-N
ST	M27C1001-C M27C1001-C M27C2001-C M29W040B-K 27C405 27C801 28F101 28F256 28F256A 28F512 29F010 29F040

TI	TMS27PC010-FM TMS27PC010A-FM TMS27PC020-FM TMS27PC040-FM TMS27PC020A TMS27PC040A TMS28F512 TMS28F512A TMS28F010 TMS28F010A TMS28F020
Toshiba	97209
Winbond	W49F002A W49F002UP-B W49F002UP-N W49V002FAP W29C040P W29EE011
Waferscale	WS57C010F-J WS27010L
Xicor	X28C512 X28C010

Device package: *32 pin PLCC*

Note: AD63 may also be used with windowed LCC devices by using a suitable packing shim. Contact sales office for details. AD51 is PLCC only.

Programmer socket: *32 pin DIL*

Note: AD51 is especially useful for gang programmers, as it is less than 0.9" wide, to allow fitting to adjacent DIL socket positions.

Socket Specification:

Insertions: 5000

Replaceable: Yes

General: This range of package converters is manufactured in England to the highest standards by MQP Electronics. Every adapter sold is tested using an actual device. Our distributors should have no difficulty in supplying you quickly with any item. Specifications of our adapters can be found on our Web Site www.mqp.com

If you have any difficulty in identifying the correct converter our sales office will be pleased to advise. Our phone number is +44 1666 825 666.

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Connections:

32Pin PLCC Socket	Signal Name	32 Pin DIL BASE
1	VPP (A19)	1
2	A16	2
3	A15	3
4	A12	4
5	A7	5
6	A6	6
7	A5	7
8	A4	8
9	A3	9
10	A2	10
11	A1	11
12	A0	12
13	D0	13
14	D1	14
15	D2	15
16	GND	16
17	D3	17
18	D4	18
19	D5	19
20	D6	20
21	D7	21
22	\CE	22
23	A10	23
24	\OE	24
25	A11	25
26	A9	26
27	A8	27
28	A13	28
29	A14	29
30	A17	30
31	\PGM (A18)	31
32	VCC	32

Fitted capacitors need not normally be modified but the following information is provided to assist our customers in special technical situations:

1. A capacitor (eg 10nF) may be fitted to position C2 to bypass VPP supply (pin 1) for devices which do not use this pin as an address line.

2. A capacitor (eg 10nF) is normally fitted to position C1 to bypass VCC supply.