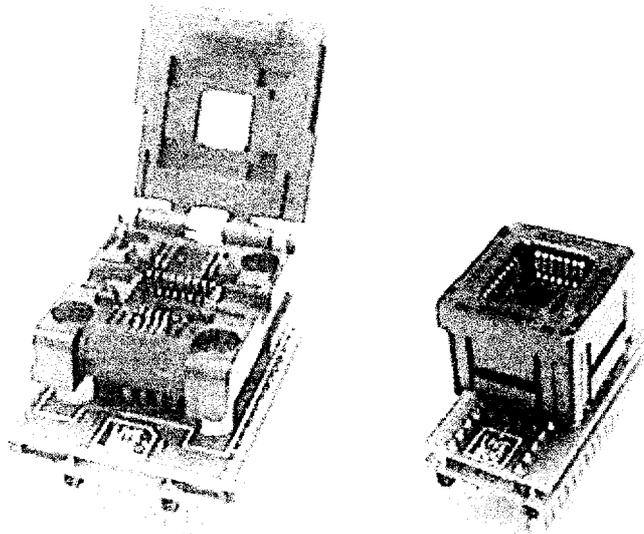




479-810
+ 479-901

PRODUCT DATA SHEET

479-810



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
AD63	32	32	01	P	.6	Clamshell
Product Code	Pins on skt	Pins on Base	Wiring Code	Package	Base pitch"	Miscellaneous
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
 - 27C010, 27C020, 27C040, 27H010, 27LV512, 27LV020, 28F256, 28F512, 28F010, 28F020, 29F010, 29F020, 29F040
- Atmel
 - 27C010, 27C020, 27C040, 27LV010, 27LV020, 28C010, 29C257, 29C512, 29C010, 29C010A, 29LV010
- Catalyst
 - 28F512, 28F010, 28F020
- Cypress
 - 27H010
- Fujitsu

- 27C1000, 27C1001, 28F010, 29F040A
- Hitachi
 - 27101
- Intel
 - 27C010, 27C020, 28F001BX, 28F256A, 28F512, 28F010, 28F020
- Macronix
 - 27C1000, 27C4000
- National
 - 27C010, 27C020
- Philips
 - 27C010
- ST
 - 27C405, 27C1001, 27C801, 28F101, 28F256, 28F256A, 28F512, 29F040
- TI
 - 27PC010A, 27PC020A, 27PC040A, 28F512, 28F512A, 28F010, 28F010A, 28F020
- Toshiba
 - 97209
- Waferscale
 - 27010L
- Winbond
 - 29EE011
- Xicor
 - 28C512, 28C010

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:

- AD63: 10000
- AD51: 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.

Connections:

32Pin PLCC Socket	Signal Name	32 Pin DIL BASE	Comments
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) is normally fitted to position C2 to bypass VPP supply (pin 1). This may be removed for devices which use this pin as an address line.
2. A capacitor (eg 10nF) is normally fitted to position C1 to bypass VCC supply.

Other References:

AD51: 479-810

AD63: 479-901

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