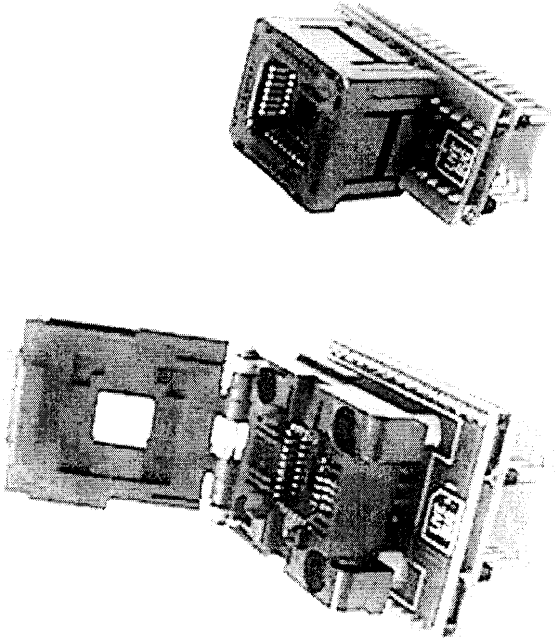




PRODUCT DATA SHEET



AD62 and AD50

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

Product Code	Pins on skt	Pins on Base	Wiring Code	Package	Base pitch"	Miscellaneous
AD62	32	28	01	P	.6	Clamshell

Product Code	Pins on skt	Pins on Base	Wiring Code	Package	Base pitch"	Miscellaneous
AD50	32	28	01	P	.6	Eject, GANG

For use on the following programmers

- Any programmer capable of programming 28 pin DIL version of same EPROM device

Device types

- AMD
 - 2864, 27C128, 27C256, 27C512, 27HC256
- Atmel
 - 27C256, 27C512, 27C513, 27HC64, 27HC256, 27HC512, 27LV64, 27LV256, 27LV512, 29C256
- Catalyst
 - 28C64A, 28C256
- Cypress
 - 27C256, 27C512, 7C274, 7C271, 7C266
- Excel
 - 2864A, 2865A
- Fujitsu
 - 27C256A, 27C512
- Intel
 - 27C64, 27C128, 27C256, 27C256A, 68C257, 87C64, 87C257
- Macronix
 - 27C512
- Microchip
 - 27C64, 27C64A, 27C128, 27C256, 27C512, 27HC256
- National
 - 27C128, 27C128B, 27C256, 27C256B, 27C512, 27C512A
- Philips
 - 27C64A, 27C256, 27C512
- Samsung
 - 28C256
- SEEQ
 - 27C65, 28C64, 28C65, 28C256, 28C256A, 28H256, 52B33/H
- ST
 - 27C64, 27C256, 27C256B, 27C512, 87C257

- TI
 - 27PC128, 27PC256, 27PC512, 29F256
- Waferscale
 - 27C128L, 27C256L, 27C512L, 57C128F, 57C128FB, 57C256FB
- Winbond
 - W27C512
- Xicor
 - 2864A, 2864B, 2864H, 28C64, 28256, 28C256

Device package: 32 pin *PLCC*

Note: AD62 may also be used with windowed LCC devices by using a suitable packing shim. Contact sales office for details. AD50 is PLCC only.

Programmer socket: 28 pin *DIL*

Note: AD50 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:

- AD62: 10000
- AD50: 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	28 Pin DIL BASE	Comments
1	nc	-	
2	VPP / A15	1	
3	A12	2	
4	A7	3	
5	A6	4	
6	A5	5	
7	A4	6	
8	A3	7	
9	A2	8	
10	A1	9	
11	A0	10	
12	nc	-	
13	D0	11	
14	D1	12	
15	D2	13	
16	GND	14	
17	nc	-	
18	D3	15	
19	D4	16	
20	D5	17	
21	D6	18	
22	D7	19	
23	\CE	20	
24	A10	21	
25	\OE	22	

26	nc	-
27	A11	23
28	A9	24
29	A8	25
30	A13	26
31	A14	27
32	VCC	28

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

1. A location marked C2 is available to optionally fit a capacitor (eg 10nF) to bypass VPP supply (pin 2). This should not be fitted 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:

AD50: 479-834

AD62: 479-913

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