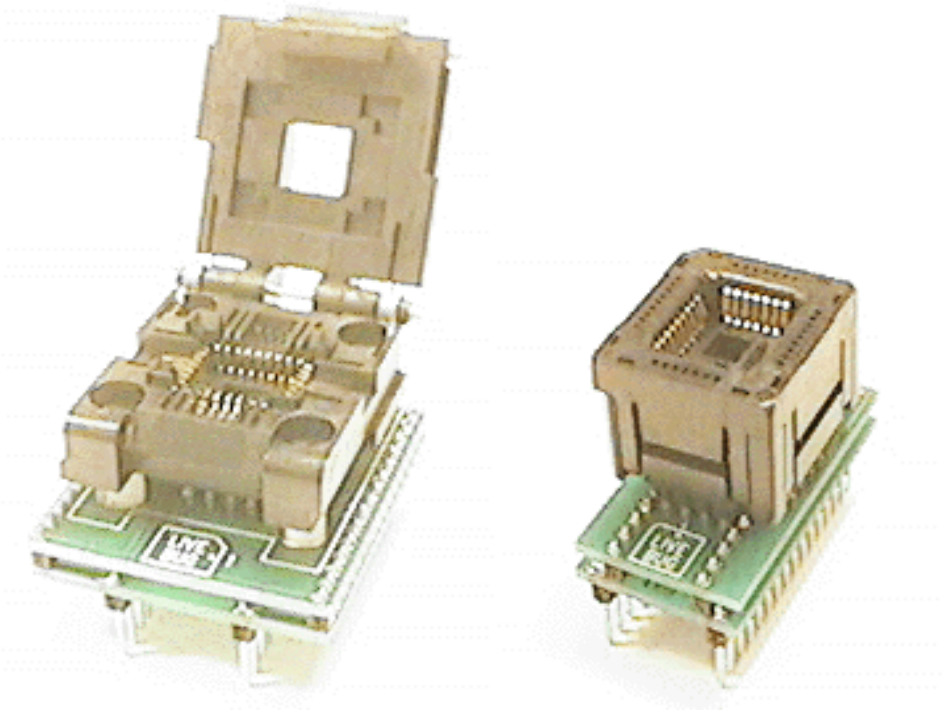
PRODUCT DATA SHEET



AD62 (479-913) and AD50 (479-834)

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	AM2764A-##J AM2764A-#J AM2764AJ Am2764J Am27C64-###J Am27C64-##J Am27C64-J Am27128A-##J Am27128A-#J Am27128A-J Am27C128-###J Am27C128-##J Am27C128-J Am27256-##J Am27256-#J Am27256-J Am27C256-###J Am27C256-##J Am27C256-J Am27512-##J Am27512-#J Am27512-J Am27C512-###J Am27C512-##J Am27C512-J Am2864 Am27HC256

Atmel	AT28C17-J AT28C64-##J AT28C64E-##J AT28C64X-##J AT28HC64-J AT27C256R-J AT27LV256R-J AT29C256-J AT27C512R-J AT27C512R-K AT27LV512R-J AT27C256 AT27C512 AT27C513 AT27HC256 AT27HC512 AT27LV64 AT27LV256 AT27LV512
Catalyst	CAT28C17AN CAT28C64A CAT28C64AN CAT28C65AN CAT28C256
Cypress	CY27C256-J CY27C512-J CY27H512-J CY7C274 CY7C271 CY7C266
Excel	2864A 2865A
Fujitsu	27C256A 27C512
Holt	HT27C512 HT27LC512

Intel	N27C64 N27C64-# N27C64-## N27128A N27128A-# N27128A-## N27C256 N27C256-# N27011-###V## 27C128 27C256A 68C257 87C64 87C257
Macronix	MX27C256Q MX27C512Q
Microchip	28C17A/L 27C64/L 28C64A/L 27C128/L 27C256/L 27C512A/L 27C512 27HC256
National	NM27C128V NM27C256V NM27C512V NMC27C512AV 27C128B 27C256B
Philips	27C64A-A 27C256-A 27C512-A
Samsung	KM2864AHJ KM2864AJ KM2865AHJ KM2865AJ

SEEQ	NQ2864 NQ2864H 27C65 28C64 28C65 28C256 28C256A 28H256 52B33/H
Signetics	27C64A-A 27C256-A 27C512-A
ST	M27C64A-C TS27C64AFN M27C256B-C ST27C256FN M27C512-C M27C512-C M27C405-K 27C64 27C256 27C256B 27C512 87C257
TI	TMS27PC128-FM TMS27PC512-FM TMS27PC512-FM 27PC256 29F256
Winbond	W27C512
Waferscale	27C128L 27C256L 27C512L 57C128F 57C128FB 57C256FB

Xicor	X28C64BJ X2864A X2864B X2864H X28256 X28C256

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: 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 http://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
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: Farnell 479-834

AD62: Farnell 479-913