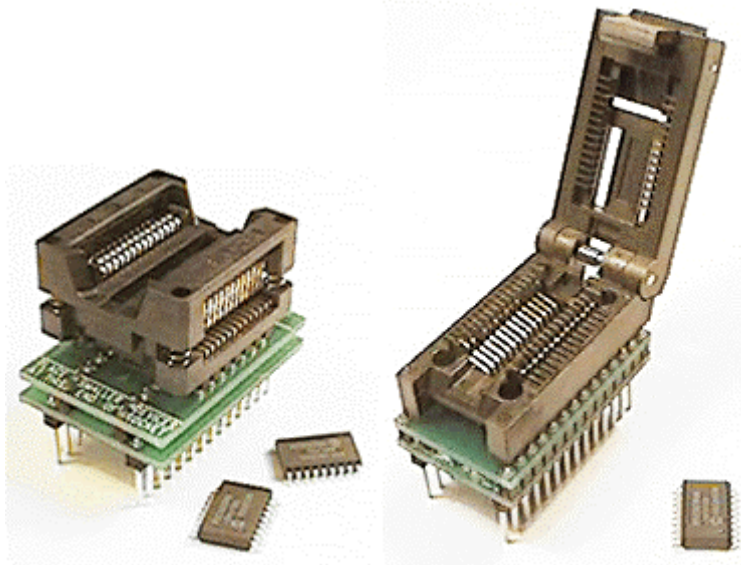


# PRODUCT DATA SHEET



## AD67 and AD347 / AD475 and AD486

**Package Converters for 300 mil body  
28 pin SOIC / SOP devices (and smaller parts)  
with one-to-one wiring**

Product Code	Pins on skt	Pins on Base	Wiring Code	Package	Base pitch"	Miscellaneous	✓ RoHS
AD67	28	28	01	S	.6		✓ RoHS
AD347	28	28	01	S	.3		✓ RoHS
AD475	28	28	01	S	.6	GANG	# ✓ RoHS
AD486	28	28	01	S	.3	GANG	# ✓ RoHS

**Note:** For parts with 330 mil body width see [AD85](#)

### For use on the following programmers

- Any programmer capable of programming equivalent DIL version of same device

### Device types (examples only)

Altera	EP610SC EP630
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AMD	16V8Q 16V8Z 22V10
Atmel	AT89C1051-S AT89C1051U-S AT90S1200-S AT28C16(E/F)-##S AT28C17-S AT89C2051-S AT89C2051x2-S AT90S2313-S ATF16V8B ATF16V8BQ ATF16V8BQL AT89C4051-S 28C64-##S 28C64E-##S 28C64X-##S ATV750-S ATV750L-S ATV750B-S ATV750BL-S T89C51CC02-TI-L T89C51CC02-TI-M 22V10 28C64 750B/L
Catalyst	CAT28C16AJ CAT28C64AJ CAT28C65AJ
Cypress	CY7C63000-SC CY7C63000A-SC CY7C63100-SC CY7C63100A-SC CY7C63001-SC CY7C63001A-SC CY7C63101-SC CY7C63101A-SC CY7C64011-SC CY7C63612-SC CY7C64012-SC CY7C63613-SC CY7C64013-SC CY7C65113-SC CY7C235A CY7C245 CY7C291
Fujitsu	27C512
Holt	HT27C512 HT27LC512

ICT	PEEL22CV10AS PEEL22CV10AZS PEEL22LV10AZS PEEL22CV10AS+ PEEL22CV10AZS+ PEEL22LV10AZS+ PEEL22CV10AS++ PEEL22CV10AZS++ PEEL22LV10AZS++
Microchip	27C128/SO 27C256/SO 28C17/SO 28C17A/SO 27C64/SO 28C64A/SO PIC16C52/SO PIC16C54/SO PIC16C54A/SO PIC16C54B/SO PIC16C54C/SO PIC16C55/SO PIC16C554/SO PIC16C55A/SO PIC16C620/SO PIC16C620A/SO PIC16C70/SO PIC16C710/SO PIC16C83/SO PIC16CE623/SO PIC16F83/SO PIC16LF83/SO PIC16C556/SO PIC16C56/SO PIC16C56A/SO PIC16C61/SO PIC16C621/SO PIC16C621A/SO PIC16C71/SO PIC16C711/SO PIC16C71A/SO PIC16C781/SO PIC16C84/SO PIC16CE624/SO PIC16F627/SO PIC16F84/SO

Microchip	PIC16F84A/SO PIC16LF627/SO PIC16LF84/SO PIC16LF84A/SO PIC16C558/SO PIC16C57/SO PIC16C57C/SO PIC16C58A/SO PIC16C58B/SO PIC16C62/SO PIC16C622/SO PIC16C622A/SO PIC16C62A/SO PIC16C62B/SO PIC16C715/SO PIC16C717/SO PIC16C72/SO PIC16C72A/SO PIC16C770/SO PIC16C782/SO PIC16CE625/SO PIC16F628/SO PIC16F870/SO PIC16F872/SO PIC16LC717/SO
Microchip	PIC16LF628/SO PIC16C63/SO PIC16C63A/SO PIC16C73/SO PIC16C73A/SO PIC16C73B/SO PIC16C771/SO PIC16C773/SO PIC16F73/SO PIC16F873/SO PIC16F873A/SO PIC16LF873/SO PIC16LF873A/SO PIC16C66/SO PIC16C745/SO PIC16C76/SO PIC16F76/SO PIC16F876/SO PIC16F876A/SO PIC16LF876/SO PIC16LF876A/SO PIC18C242/SO PIC18F242/SO PIC18F248/SO PIC18C252/SO PIC18F252/SO PIC18F258/SO and others...

Motorola	MC68HC705J1ADW MC68HC705J2DW MC68HC705J2DW MC68HC705P6-DW MC68HC705P6A-DW MC68HC705P9-DW MC68HC705RC16DW MC68HC705RC17DW MC68HC705K1DW
Philips	P87LPC762-D P87LPC764-D P87LPC767-D P87LPC768-D P87LPC769-D 27C256-D 82S123 82S23 82VS23 PLC18V8 PL22V10
Ramtron	FM1608-S FM1808-S FM18L08-S
Signetics	P87LPC762-D P87LPC764-D P87LPC767-D P87LPC768-D P87LPC769-D 27C256-D 82S123 82S23 82VS23 PLC18V8 PL22V10
Winbond	W741E204 W741E205
Xicor	X2816CS(I/M) X28C64BS X28HC16
Zilog	Z86E31-S Z86E30-S Z86D86-S

**Device package: up to 28 pin SOIC (300 mil body) (e.g. 18 pin, 20 pin, 24 pin, 28 pin)**

**Programmer socket: 28 pin DIL**

**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:**

28 Pin SOIC Socket	28 Pin DIL BASE
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28

# The RoHS symbol with the # mark attached means that a RoHS compliant version of this item is available on request.

**Other References:** AD67: 1217292