

PINS to PROM Mode:

Vpp (Programming voltage) 12,5 V +/-0,3V
CE high (Chip enable) for program writing and verifying
OE high (Output enable) data output for verifying
A0-A12 address bus input at PROM
O0-O4 PROM data bus

HD404222				27C256			
CE	16	pin		CE	20	pin	
OE	17	pin		OE	22	pin	
A12	28	pin		A12	2	pin	
A11	27	pin		A11	23	pin	
A10	26	pin		A10	21	pin	
A9	25	pin		A9	24	pin	
A8	5	pin		A8	25	pin	
A7	4	pin		A7	3	pin	
A6	3	pin		A6	4	pin	
A5	2	pin		A5	5	pin	
A4	9	pin		A4	6	pin	
A3	8	pin		A3	7	pin	
A2	7	pin		A2	8	pin	
A1	6	pin		A1	9	pin	
A0	10	pin		A0	10	pin	
O4	15	pin		O4	16	pin	
O3	14	pin		O3	15	pin	
O2	13	pin		O2	13	pin	
O1	12	pin		O1	12	pin	
O0	11	pin		O0	11	pin	
Vcc	18 (19,23)	pin		Vcc	28	pin	
GND	1 (21,24)	pin		Vss	14	pin	
Vpp	22	pin		Vpp	1	pin	
				O5	17	pin	
				O6	18	pin	
				O7	19	pin	
				A13	26	pin	
				A14	27	pin	

Adapter:

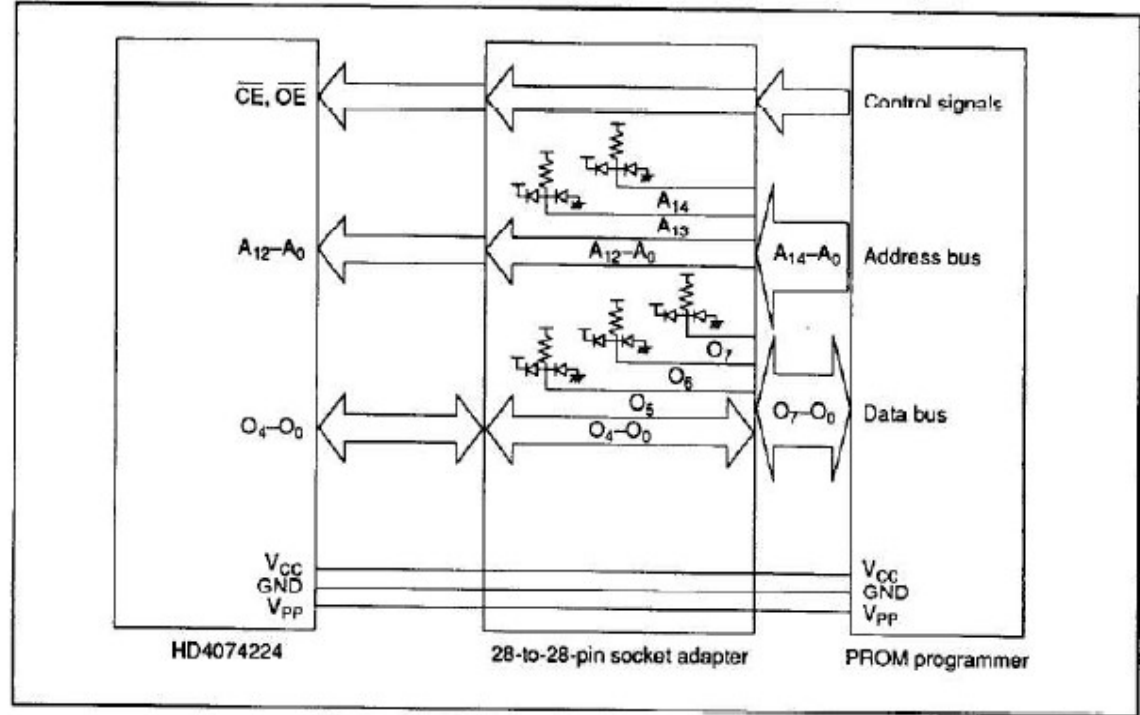


Figure 24 Socket Adapter for the HD4074224

HD404222

PROM Mode Pin Description

Pin No.		MCU Mode		PROM Mode	
DP-28S, FP-28DA	FP-30D	Symbol	I/O	Symbol	I/O
1	2	GND		GND	
2	3	R1 ₀	I/O	A ₅	I
3	4	R1 ₁	I/O	A ₆	I
4	5	R1 ₂	I/O	A ₇	I
5	6	R1 ₃	I/O	A ₈	I
6	7	D ₀	I/O	A ₁	I
7	8	D ₁	I/O	A ₂	I
8	9	D ₂	I/O	A ₃	I
9	10	D ₃	I/O	A ₄	I
10	11	D ₄	I/O	A ₀	I
11	12	D ₅ /INT	I/O	O ₀	I/O
12	13	D ₆ /SCK	I/O	O ₁	I/O
13	14	D ₇ /SI	I/O	O ₂	I/O
14	15	D ₈ /SO	I/O	O ₃	I/O

Pin No.		MCU Mode		PROM Mode	
DP-28S, FP-28DA	FP-30D	Symbol	I/O	Symbol	I/O
15	16	D ₉ /V _{ref}	I/O	O ₄	I/O
16	17	D ₁₀ /COMP ₀	I/O	CE	I
17	18	D ₁₁ /COMP ₁	I/O	OE	I
18	19	V _{CC}		V _{CC}	
19	20	OSC ₁	I	V _{CC}	
20	21	OSC ₂	O		
21	22	RESET	I	GND	
22	23	TEST	I	V _{pp}	
23	24	D ₁₂	I/O	V _{CC}	
24	25	D ₁₃	I/O	GND	
25	26	R2 ₀	I/O	A ₉	I
26	27	R2 ₁	I/O	A ₁₀	I
27	28	R2 ₂	I/O	A ₁₁	I
28	29	R2 ₃	I/O	A ₁₂	I

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