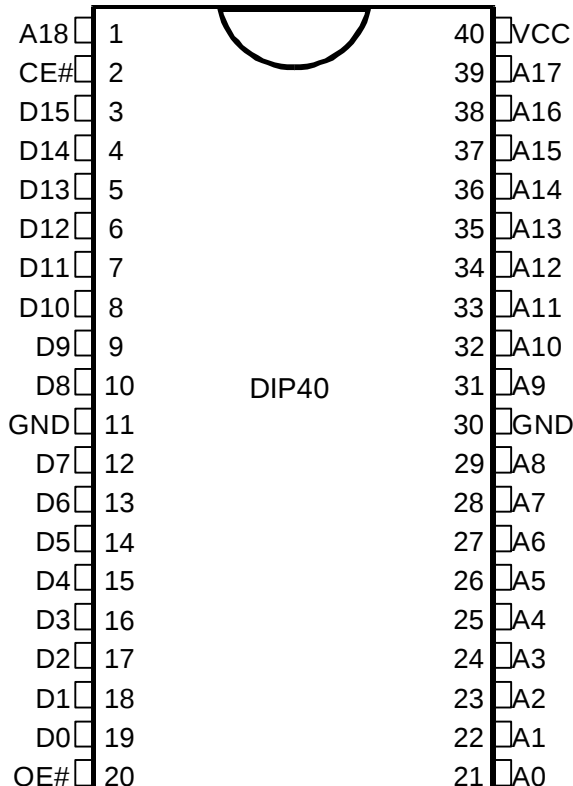


DIP 40

Before you begin...

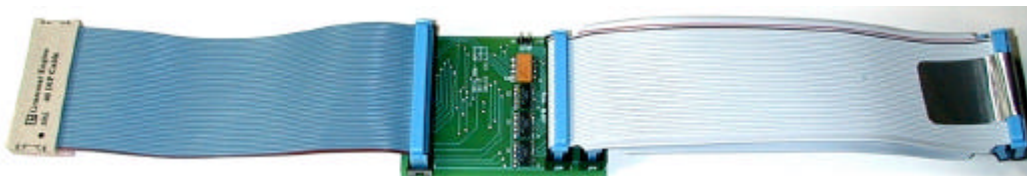
1. Confirm your target matches this MEMORY FOOTPRINT



- ☐ 40 pin DIP cable, 16 bit memories
- ☐ Maximum memory size 1M Bytes
- ☐ Organized as 512k x 16 bit
- ☐ Maximum PromICE: P2040
- ☐ To emulate 3 Volt memories, 3 Volt adapter (GEI Part # 3VA16DC) is required.

Note: Maximum memory size is shown in footprint. For smaller memories, unused lines must be connected to V_{cc} to ensure proper PromICE operation.

2. Confirm that you have received all parts of the Complete Cable Assembly



Memories Supported

- ☐ Emulates 40 pin DIP devices like 27C1024, 27C2048, 27C4096 and others.
- ☐ www.promice.com/memories.htm contains a listing of all memories supported by Grammar Engine target cables. **Note:** This cable supports both ROM and flash memories.

Notes and Precautions

Always turn target power OFF when connecting or disconnect PromICE target cables.

Always leave Dip cable on the foam pad when not in use.

If your target has capacitors, allow sufficient discharge time. Connecting with the power on can damage cables or the PromICE.

The dip cable should have come with a foam pad already on the cable.

**For Technical Support, contact Grammar Engine at 614-899-7878 or support@gei.com
For Sales, contact Grammar Engine Inc. www.gei.com or 1.800.PROMICE.**

Installation Instructions

Step	Action	Notes
1.	Verify that you have the correct cable for the memory you are emulating.	If you have the wrong cable, contact Grammar Engine or your distributor for a replacement.
2.	Connect PromICE.	With the power off to your PromICE, connect the shielded ground plane cables to your PromICE.
3.	Locate pin 1 on cable and socket.	Align pin 1 on the cable to pin 1 on the socket.
4.	Connect Dip cable to socket.	Inspect to confirm that each pin is fully seated in the socket. Do not insert the probe at an angle, since this can damage individual pins.

You are now ready to power up your target and PromICE. Please consult your PromICE manual for further setup information.

Contact your Grammar Engine Sales Representative to order these parts and accessories:

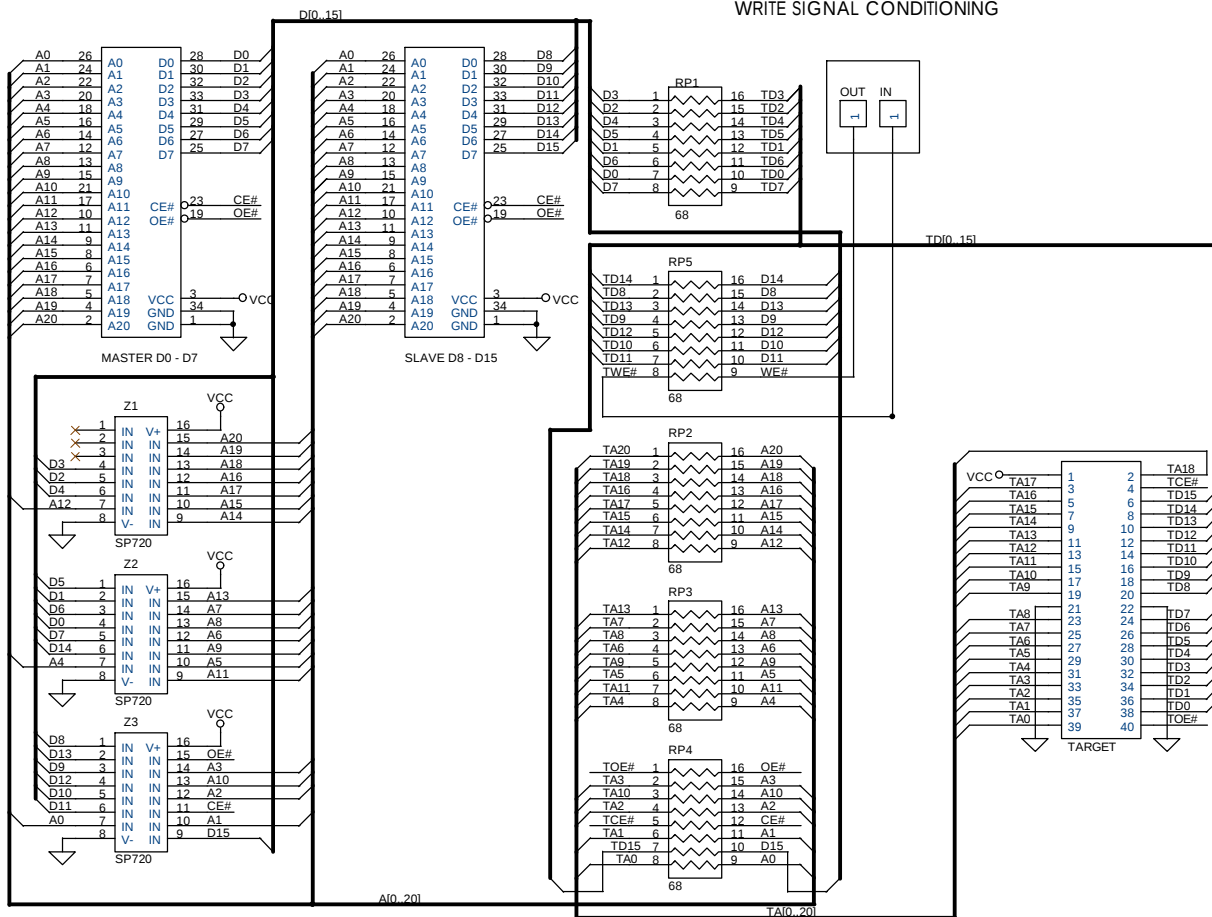
Cable Parts	DIP 40D BD 34FFEXT 34FF6.7EXT Dip 40 cbl.	Adapter Board 6" Shielded Ground Plane Cable 6.75" Shielded Ground Plane Cable 40 pin DIP cable
Accessories	3VA16DC	3 Volt Adapter

IN FROM TARGET, OUT TO PROMICE
WRITE SIGNAL CONDITIONING

DIP40 16-bit

ROM PINOUT

1	A18	VCC	40
2	CE#	A17	39
3	D15	A16	38
4	D14	A15	37
5	D13	A14	36
6	D12	A13	35
7	D11	A12	34
8	D10	A11	33
9	D9	A10	32
10	D8	A9	31
11	GND	GND	30
12	D7	A8	29
13	D6	A7	28
14	D5	A6	27
15	D4	A5	26
16	D3	A4	25
17	D2	A3	24
18	D1	A2	23
19	D0	A1	22
20	OE#	A0	21



NOTES:

MAX SIZE: 512KB (256K x 16 (P2020))
SUPPORTS: DIP 40 JEDEC standard pinout
PROMICE JUMPER SETTING: 32

Grammar Engine Inc.		
921 Eastwind Drive		
Suite 122		
Westerville OH 43081		
Title		
DIP40		
Size	Document Number	Rev
B	497-0015	
Date:	Monday, July 12, 1999	Sheet 1 of 1