

CIC-48 μ BGA-40D-A6-YAM

48-Bump μ BGA to a 40-Pin DIP

Mar-98

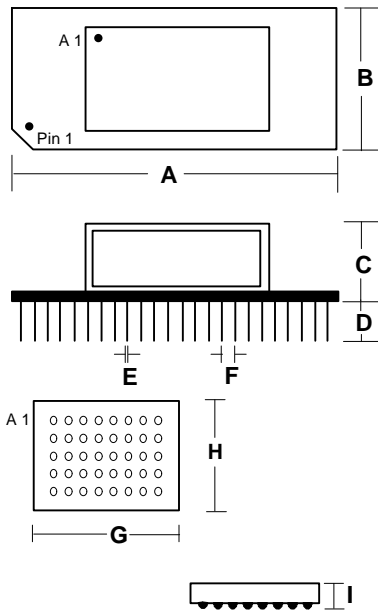
μ BGA DEVICES: (EXAMPLES)

GT28F008B3
GT28F016B3

SOCKET: Yamaichi NP291-04808-G4BF-P (16 Meg)
Yamaichi NP291-04812-G4BF-P (8 Meg)

<u>PRICING:</u>	<u>QTY</u>	<u>PRICE EACH</u>
	1-4	\$275.00
	5-9	\$247.50
	10-24	\$233.75
	25-49	\$206.25

TYPICAL DIMENSIONS: (Drawings not to scale)



<u>DIMENSION</u>	<u>MM</u>	<u>INCH</u>
A	57.15	2.250
B	27.94	1.100
C	18.90	0.744
D Pin Length	10.16	0.400
E Pin Diameter	0.64	0.025
F Pin Spacing	2.54	0.100
ROW SPACING	15.24	0.600
G	9.25	0.364
H	7.13	0.281
I	0.97	0.038
PITCH	0.75	0.030

PIN CONFIGURATION:

<u>BASE</u> <u>40-Pin DIP</u>	<u>PIN</u> <u>NAMES</u>	<u>SOCKET</u> <u>48-Bump μBGA</u>
1	V _{PP}	A4
2	CE#	D7
3	WP#	A5
4	NC	C4
5	RP#	B4
6	NC	C5
7	A ₂₀	A6
8	A ₁₉	B5
9	A ₁₈	B6
10	A ₁₇	D1
11	GND (Planes 2 & 5)	E8
12	DQ ₇	F2
13	DQ ₆	E3
14	DQ ₅	D3
15	DQ ₄	F4
16	DQ ₃	E5
17	DQ ₂	D5
18	DQ ₁	F7
19	DQ ₀	E7
20	OE#	F8
21	A ₀	D8
22	A ₁	C8
23	A ₂	B8
24	A ₃	C7
25	A ₄	A8
26	A ₅	B7
27	A ₆	C6
28	A ₇	A7
29	A ₈	A3
30	GND (Planes 2 & 5)	F1
31	A ₉	C3
32	A ₁₀	B2
33	A ₁₁	E2
34	A ₁₂	A2
35	A ₁₃	C2
36	A ₁₄	A1
37	A ₁₅	B1
38	A ₁₆	C1
39	WE#	B3
40	V _{CC} (Plane 3)	F5
40	V _{CCQ} (Plane 4)	E1

NOTES:

- Bypass capacitors (Type 1206) may be added between V_{CC} planes & GND planes; as required by Programmer Vendor

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