

CIC-56TS-40D-C6-YAM-S (REV 2)

56-Lead TSOP to a 40-Pin DIP

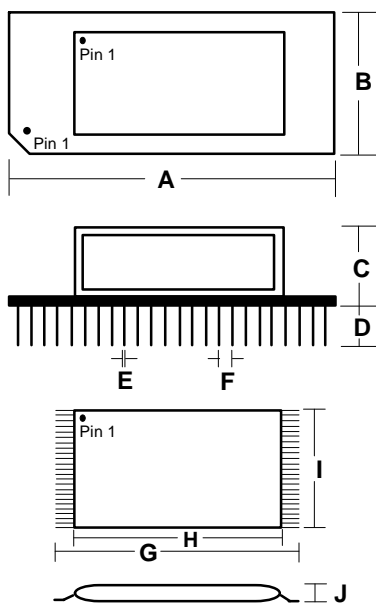
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TSOP DEVICES:	(EXAMPLES)
E28F016SA	
E28F016SV	
DD28F032SA	

SOCKET:	Yamaichi IC191-0562-003N
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PRICING:	QTY	PRICE EACH
	1-4	\$190.00
	5-9	\$171.00
	10-24	\$161.50
	25-49	\$142.50

TYPICAL DIMENSIONS: (Drawings not to scale)



DIMENSION	MM	INCH
A	62.23	2.450
B	25.40	1.000
C	22.86	0.900
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	20.00	0.787
H	18.40	0.724
I	14.00	0.551
J	1.20	0.047
PITCH	0.50	0.020

PIN CONFIGURATION:

BASE 40-Pin DIP	PIN NAMES	SOCKET 56-Lead TSOP
1	V _{PP}	15
2	CE ₀ #	14
3	WP#	56
4 or GND	3/5# ¹	1
5	NC / CE ₂ # / A ₂₁ ²	3
6	CE ₁ #	2
7	A ₂₀	4
8	A ₁₉	5
9	A ₁₈	6
10	A ₁₇	7
11	GND (Planes 2 & 5)	21, 42, 48
12	DQ ₇	51
13	DQ ₆	49
14	DQ ₅	46
15	DQ ₄	44
16	DQ ₃	40
17	DQ ₂	38
18	DQ ₁	35
19	DQ ₀	33
20	OE#	54
21	A ₀	32
22	A ₁	28
23	A ₂	27
24	A ₃	26
25	A ₄	25
26	A ₅	24
27	A ₆	23
28	A ₇	22
29	A ₈	20
30	GND (Planes 2 & 5)	21, 42, 48
31	A ₉	19
32	A ₁₀	18
33	A ₁₁	17
34	A ₁₂	13
35	A ₁₃	12
36	A ₁₄	11
37	A ₁₅	10
38	A ₁₆	8
39	WE#	55
40	V _{CC} (Planes 3 & 4)	9, 37, 43
V _{CC} Planes	RP#	16
GND Planes	BYTE#	31

NOTES:

1. TSOP Pin 1 can be jumpered to DIP Pin 4 (for possible future product) or GND plane (for E28F016SA/V & DD28F032SA).
 2. NC (pin 3) on E28F016SA & E28F016SV, CE₂# on DD28F032SA.
- RY/BY# (pin 53), DQ₁₅ -DQ₈ (pins 52, 50, 47, 45, 41, 39, 36 & 34) & NC (pins 29, 30) are not connected.
 - Bypass capacitors (Type 1206) may be added between V_{CC} planes & GND planes; as required by Programmer Vendor.

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