

# CIC-56TS-44D-C6-YAM-S (REV 2)

56-Lead TSOP to a 44-Pin DIP

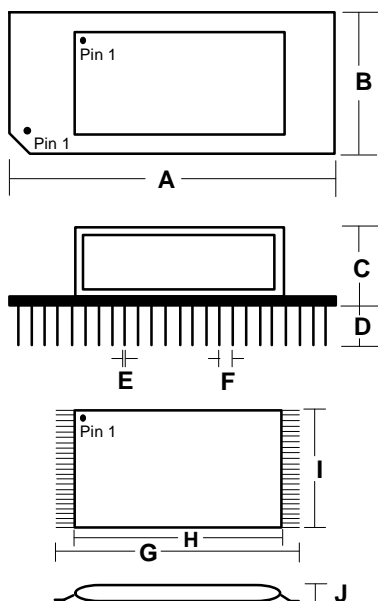
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<b>TSOP DEVICES:</b>	(EXAMPLES)
E28F016SA	
E28F016SV	
DD28F032SA	

<b>SOCKET:</b>	Yamaichi IC191-0562-003N
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<b>PRICING:</b>	QTY	PRICE EACH
	1-4	\$195.00
	5-9	\$175.50
	10-24	\$165.75
	25-49	\$146.25

**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 44-Pin DIP	PIN NAMES	SOCKET 56-Lead TSOP
1	A <sub>19</sub>	5
2	A <sub>18</sub>	6
3	A <sub>17</sub>	7
4	A <sub>16</sub>	8
5	A <sub>15</sub>	10
6	A <sub>14</sub>	11
7	A <sub>13</sub>	12
8	A <sub>12</sub>	13
9	V <sub>PP</sub>	15
10	CE <sub>1</sub> #	2
11	A <sub>11</sub>	17
12	A <sub>10</sub>	18
13	A <sub>9</sub>	19
14	A <sub>8</sub>	20
15	A <sub>7</sub>	22
16	A <sub>6</sub>	23
17	A <sub>5</sub>	24
18	A <sub>4</sub>	25
19	A <sub>3</sub>	26
20	A <sub>2</sub>	27
21	A <sub>1</sub>	28
22	GND (Planes 2 & 5)	21, 42, 48
23	DQ <sub>0</sub>	33
24	DQ <sub>8</sub>	34
25	DQ <sub>1</sub>	35
26	DQ <sub>9</sub>	36
27	DQ <sub>2</sub>	38
28	DQ <sub>10</sub>	39
29	DQ <sub>3</sub>	40
30	DQ <sub>11</sub>	41
31	DQ <sub>4</sub>	44
32	DQ <sub>12</sub>	45
33	DQ <sub>5</sub>	46
34	DQ <sub>13</sub>	47
35	GND (Planes 2 & 5)	21, 42, 48
36	DQ <sub>6</sub>	49
37	DQ <sub>14</sub>	50
38	DQ <sub>7</sub>	51
39	DQ <sub>15</sub>	52
40	OE#	54
41	WE#	55
42	V <sub>CC</sub> (Planes 3 & 4)	9, 37, 43
43	A <sub>20</sub>	4
44	NC / CE <sub>2</sub> # <sup>1</sup>	3
GND Planes	3/5#	1
GND Planes	CE <sub>0</sub> #	14
V <sub>CC</sub> Planes	RP#	16
V <sub>CC</sub> Planes	BYTE#	31
V <sub>CC</sub> Planes	WP#	56

**NOTES:**

- NC (pin 3) on E28F016SA & E28F016SV, CE<sub>2</sub># on DD28F032SA.
- RY/BY# (pin 53), A<sub>0</sub> (pin 32) & NC (pins 29 & 30) are not connected.
- Bypass capacitors (Type 1206) may be added between V<sub>CC</sub> planes & GND planes; as required by Programmer Vendor

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