

CIC-56SS-44D-B6-TI

56-Lead SSOP to a 44-Pin DIP

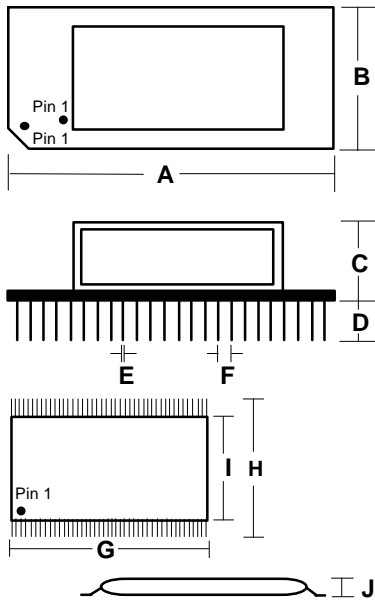
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|----------------------|--------------------------|
| SSOP DEVICES: | (EXAMPLES) |
| DA28F016SA | |
| DA28F016SV | (DT extended temp range) |

| | |
|----------------|------------------------------|
| SOCKET: | Texas Instruments CSP056-054 |
|----------------|------------------------------|

| | | |
|-----------------|------------|-------------------|
| PRICING: | <u>QTY</u> | <u>PRICE EACH</u> |
| | 1-4 | \$185.00 |
| | 5-9 | \$166.50 |
| | 10-24 | \$157.25 |
| | 25-49 | \$138.75 |

TYPICAL DIMENSIONS: (Drawings not to scale)



| DIMENSION | MM | INCH |
|----------------|-------|-------|
| A | 62.23 | 2.450 |
| B | 33.02 | 1.300 |
| C | 17.78 | 0.700 |
| 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 | 23.70 | 0.933 |
| H | 16.00 | 0.630 |
| I | 13.30 | 0.524 |
| J | 1.80 | 0.071 |
| PITCH | 0.80 | 0.031 |

PIN CONFIGURATION:

| BASE 40-Pin DIP | PIN NAMES | SOCKET 56-Lead SSOP |
|------------------------|--------------------------------|------------------------|
| 1 | A ₁₉ | 10 |
| 2 | A ₁₈ | 11 |
| 3 | A ₁₇ | 12 |
| 4 | A ₁₆ | 13 |
| 5 | A ₁₅ | 5 |
| 6 | A ₁₄ | 4 |
| 7 | A ₁₃ | 3 |
| 8 | A ₁₂ | 2 |
| 9 | V _{pp} | 56 |
| 10 | CE _{1#} | 7 |
| 11 | A ₁₁ | 54 |
| 12 | A ₁₀ | 53 |
| 13 | A ₉ | 52 |
| 14 | A ₈ | 43 |
| 15 | A ₇ | 45 |
| 16 | A ₆ | 46 |
| 17 | A ₅ | 47 |
| 18 | A ₄ | 48 |
| 19 | A ₃ | 49 |
| 20 | A ₂ | 50 |
| 21 | A ₁ | 51 |
| 22 | GND (Planes 2 & 5) | 15, 29, 44 |
| 23 | DQ ₀ | 38 |
| 24 | DQ ₈ | 39 |
| 25 | DQ ₁ | 40 |
| 26 | DQ ₉ | 41 |
| 27 | DQ ₂ | 33 |
| 28 | DQ ₁₀ | 32 |
| 29 | DQ ₃ | 31 |
| 30 | DQ ₁₁ | 30 |
| 31 | DQ ₄ | 27 |
| 32 | DQ ₁₂ | 26 |
| 33 | DQ ₅ | 25 |
| 34 | DQ ₁₃ | 24 |
| 35 | GND (Planes 2 & 5) | 15, 29, 44 |
| 36 | DQ ₆ | 16 |
| 37 | DQ ₁₄ | 17 |
| 38 | DQ ₇ | 18 |
| 39 | DQ ₁₅ | 19 |
| 40 | OE# | 21 |
| 41 | WE# | 22 |
| 42 | V _{CC} (Planes 3 & 4) | 14, 28, 42 |
| 43 | A ₂₀ | 9 |
| 44 | NC | 8 |
| GND Planes | 3/5# | 6 |
| GND Planes | CE _{0#} | 1 |
| V _{CC} Planes | RP# | 55 |
| V _{CC} Planes | BYTE# | 36 |
| V _{CC} Planes | WP# | 23 |

NOTES:

- RY/BY# (pin 20), A₀ (pin 37), & NC (pins 34, 35) 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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