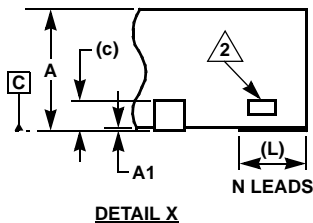
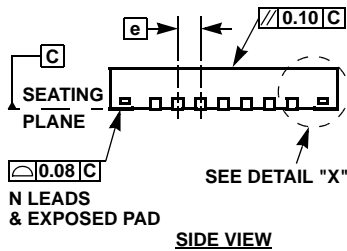
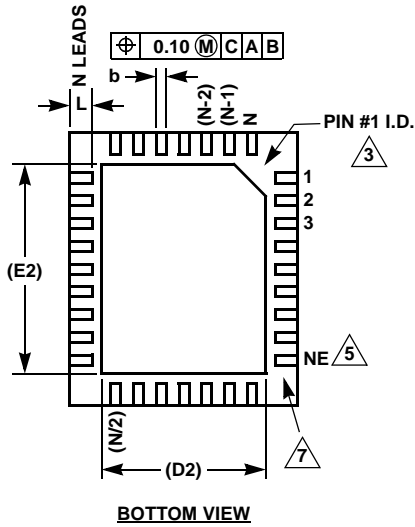
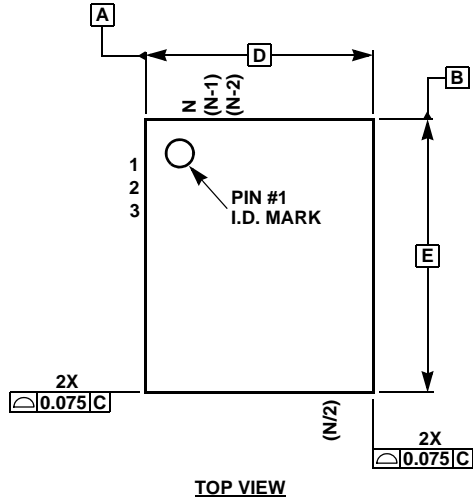


TQFN (Thin Quad Flat No-Lead) Package Family



MDP0051

TQFN (THIN QUAD FLAT NO-LEAD) PACKAGE FAMILY
(COMPLIANT TO JEDEC MO-220)

| SYMBOL | MILLIMETERS | | TOLERANCE | NOTES |
|--------|-------------|---------|-------------|-------|
| | TQFN 28 | TQFN 32 | | |
| A | 0.75 | 0.75 | ±0.05 | - |
| A1 | 0.02 | 0.02 | +0.03/-0.02 | - |
| b | 0.325 | 0.25 | ±0.02 | - |
| c | 0.20 | 0.20 | Reference | - |
| D | 6.00 | 5.00 | Basic | - |
| D2 | 4.70 | 3.10 | Reference | 8 |
| E | 6.00 | 5.00 | Basic | - |
| E2 | 4.70 | 3.10 | Reference | 8 |
| e | 0.65 | 0.50 | Basic | - |
| L | 0.40 | 0.40 | ±0.05 | - |
| N | 28 | 32 | Reference | 4 |
| ND | 7 | 8 | Reference | 6 |
| NE | 7 | 8 | Reference | 5 |

Rev 1 2/07

NOTES:

1. Dimensioning and tolerancing per ASME Y14.5M-1994.
2. Tiebar view shown is a non-functional feature.
3. Bottom-side pin #1 I.D. is a diepad chamfer as shown.
4. N is the total number of terminals on the device.
5. NE is the number of terminals on the "E" side of the package (or Y-direction).
6. ND is the number of terminals on the "D" side of the package (or X-direction). $ND = (N/2) - NE$.
7. Inward end of terminal may be square or circular in shape with radius $(b/2)$ as shown.
8. If two values are listed, multiple exposed pad options are available. Refer to device-specific datasheet.
9. Package outline drawing is generic.