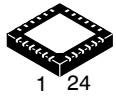


# MECHANICAL CASE OUTLINE

## PACKAGE DIMENSIONS

ON Semiconductor®

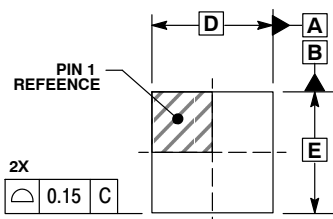


1 24

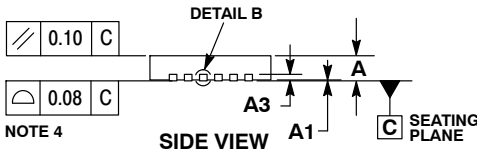
SCALE 2:1

QFN24, 4x4, 0.5P  
CASE 485L  
ISSUE B

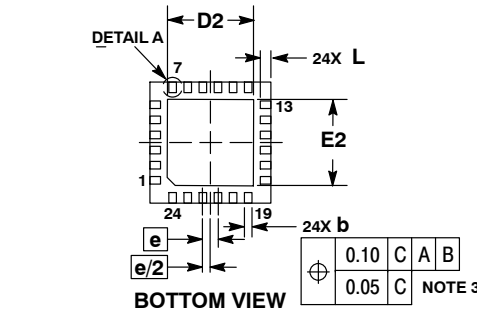
DATE 05 JUN 2012



TOP VIEW

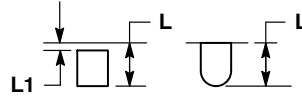
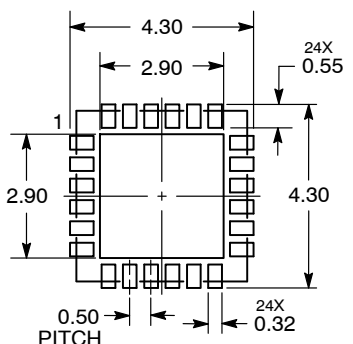


SIDE VIEW

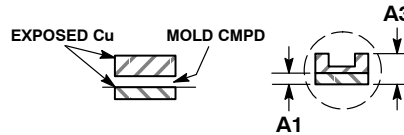


BOTTOM VIEW

### RECOMMENDED SOLDERING FOOTPRINT



DETAIL A  
ALTERNATE  
CONSTRUCTIONS



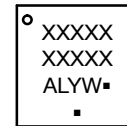
DETAIL B  
ALTERNATE TERMINAL  
CONSTRUCTIONS

NOTES:

- DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 1994.
- CONTROLLING DIMENSION: MILLIMETERS.
- DIMENSION b APPLIES TO PLATED TERMINAL AND IS MEASURED BETWEEN 0.25 AND 0.30 MM FROM THE TERMINAL TIP.
- COPLANARITY APPLIES TO THE EXPOSED PAD AS WELL AS THE TERMINALS.

| DIM | MILLIMETERS |      |
|-----|-------------|------|
|     | MIN         | MAX  |
| A   | 0.80        | 1.00 |
| A1  | 0.00        | 0.05 |
| A3  | 0.20        | REF  |
| b   | 0.20        | 0.30 |
| D   | 4.00        | BSC  |
| D2  | 2.70        | 2.90 |
| E   | 4.00        | BSC  |
| E2  | 2.70        | 2.90 |
| e   | 0.50        | BSC  |
| L   | 0.30        | 0.50 |
| L1  | 0.05        | 0.15 |

### GENERIC MARKING DIAGRAM\*



- XXXXXX = Specific Device Code
- A = Assembly Location
- L = Wafer Lot
- Y = Year
- W = Work Week
- = Pb-Free Package

(Note: Microdot may be in either location)

\*This information is generic. Please refer to device data sheet for actual part marking. Pb-Free indicator, "G" or microdot "▪", may or may not be present.

|                  |                  |  |
|------------------|------------------|--|
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| DESCRIPTION:     | QFN24, 4X4, 0.5P | PAGE 1 OF 1  |

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