

MECHANICAL CASE OUTLINE

PACKAGE DIMENSIONS

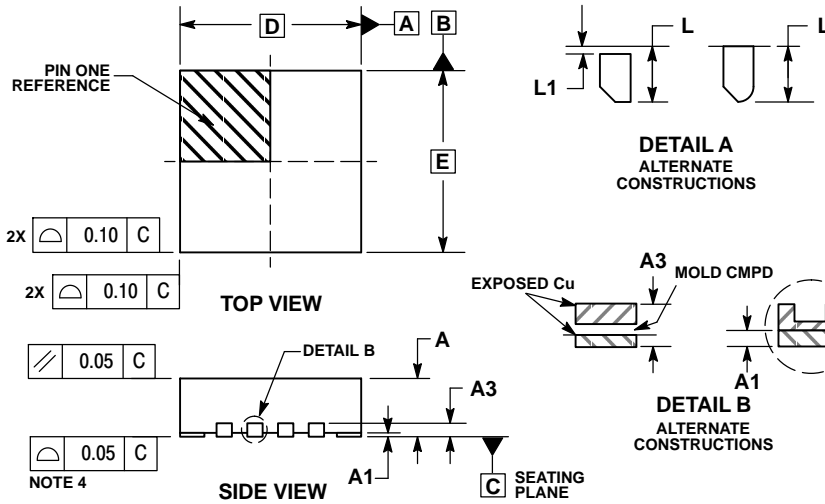
ON Semiconductor®



SCALE 2:1

QFN16 3x3, 0.5P
CASE 485DA
ISSUE A

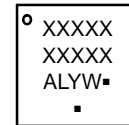
DATE 22 SEP 2015



- NOTES:
1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 1994.
 2. CONTROLLING DIMENSION: MILLIMETERS.
 3. DIMENSION b APPLIES TO PLATED TERMINAL AND IS MEASURED BETWEEN 0.15 AND 0.30 MM FROM THE TERMINAL TIP.
 4. COPLANARITY APPLIES TO THE EXPOSED PAD AS WELL AS THE TERMINALS.

MILLIMETERS		
DIM	MIN	MAX
A	0.80	1.00
A1	0.00	0.05
A3	0.20 REF	
b	0.20	0.30
D	3.00 BSC	
D2	1.55	1.75
E	3.00 BSC	
E2	1.55	1.75
e	0.50 BSC	
K	0.275 REF	
L	0.30	0.50
L1	0.00	0.15
L2	0.09 REF	

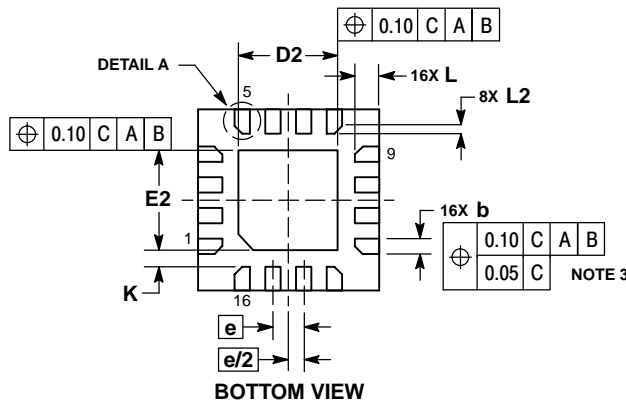
GENERIC MARKING DIAGRAM*



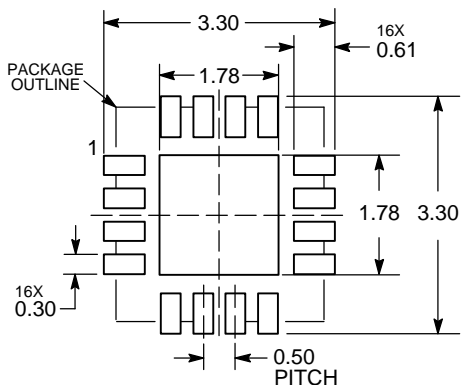
- XXXXXX = Specific Device Code
- A = Assembly Location
- L = Wafer Lot
- Y = Year
- W = Work Week
- = Pb-Free Package

(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.



RECOMMENDED SOLDERING FOOTPRINT*




*For additional information on our Pb-Free strategy and soldering details, please download the ON Semiconductor Soldering and Mounting Techniques Reference Manual, SOLDERRM/D.

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STATUS:	ON SEMICONDUCTOR STANDARD	
NEW STANDARD:		
DESCRIPTION:	QFN16, 3X3, 0.5P	PAGE 1 OF 2



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O	RELEASED FOR PRODUCTION. REQ. BY J. LIU.	05 MAR 2013
A	ADDED SECONDARY TERMINAL OPTION TO DETAIL B. REQ. BY J. LIU.	22 SEP 2015

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