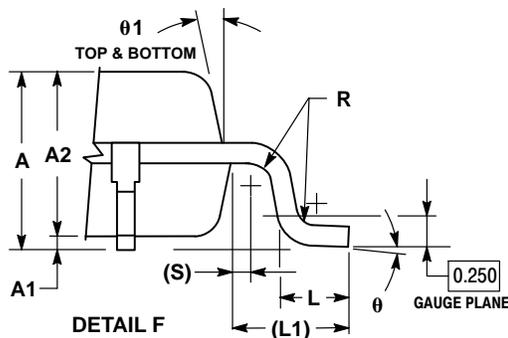
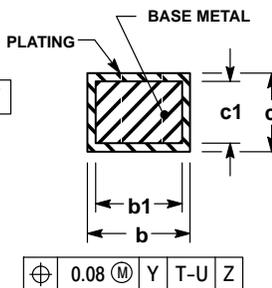
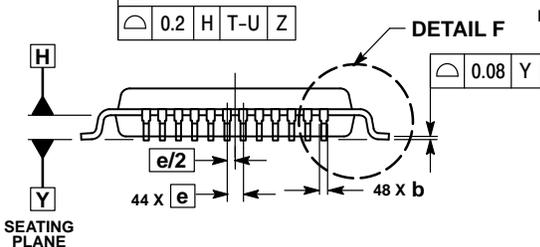
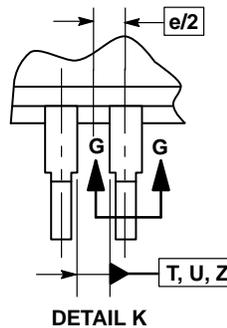
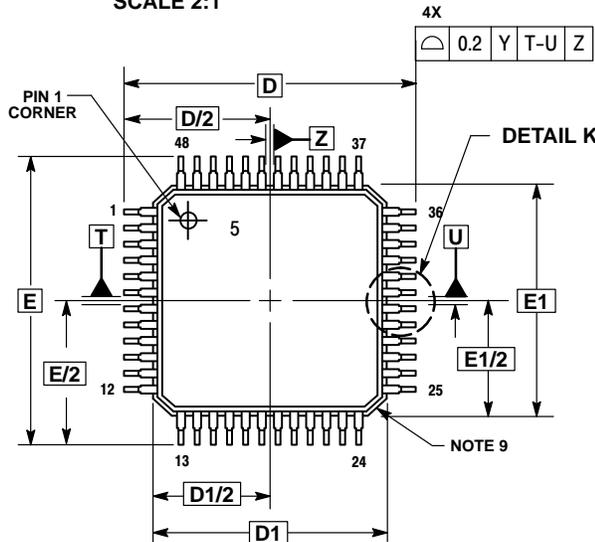


48 LEAD LQFP, 7x7, 0.5P
CASE 932AA
ISSUE A

DATE 13 OCT 2008

SCALE 2:1

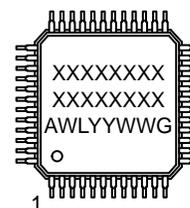


NOTES:

- DIMENSIONS ARE IN MILLIMETERS.
- INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M, 1994.
- DATUM PLANE H IS LOCATED AT BOTTOM OF LEAD AND IS COINCIDENT WITH THE LEAD WHERE THE LEAD EXITS THE PLASTIC BODY AT THE BOTTOM OF THE PARTING LINE.
- DATUMS T, U, AND Z TO BE DETERMINED AT DATUM PLANE H.
- DIMENSIONS D AND E TO BE DETERMINED AT SEATING PLANE Y.
- DIMENSIONS D1 AND E1 DO NOT INCLUDE MOLD PROTRUSION. ALLOWABLE PROTRUSION IS 0.250 PER SIDE. DIMENSIONS D1 AND E1 DO INCLUDE MOLD MISMATCH AND ARE DETERMINED AT DATUM PLANE H.
- DIMENSION b DOES NOT INCLUDE DAMBAR PROTRUSION. DAMBAR PROTRUSION SHALL NOT CAUSE THE b DIMENSION TO EXCEED 0.350.
- MINIMUM SOLDER PLATE THICKNESS SHALL BE 0.0076.
- EXACT SHAPE OF EACH CORNER IS OPTIONAL.

MILLIMETERS		
DIM	MIN	MAX
A	1.4	1.6
A1	0.05	0.15
A2	1.35	1.45
b	0.17	0.27
b1	0.17	0.23
c	0.09	0.20
c1	0.09	0.16
D	9.0 BSC	
D1	7.0 BSC	
e	0.5 BSC	
E	9.0 BSC	
E1	7.0 BSC	
L	0.5	0.7
L1	1.0 REF	
R	0.15	0.25
S	0.2 REF	
theta	1°	5°
theta1	12 REF	

GENERIC MARKING DIAGRAM*



- XXXXX = Specific Device Code
- A = Assembly Location
- WL = Wafer Lot
- YY = Year
- WW = Work Week
- G = Pb-Free Package

*This information is generic. Please refer to device data sheet for actual part marking.

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DESCRIPTION:	48 LEAD LQFP 7X7X1.4, 0.5 PITCH	PAGE 1 OF 1

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