

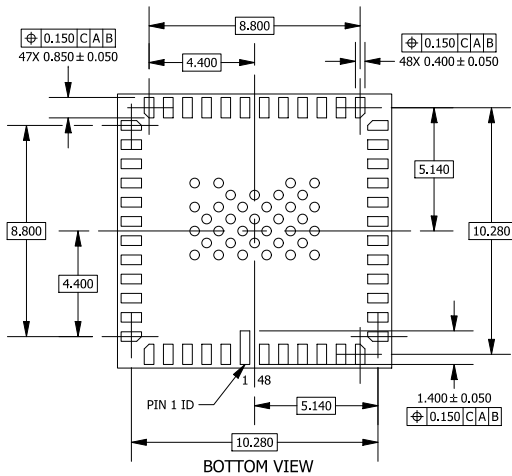
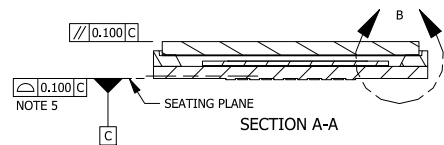
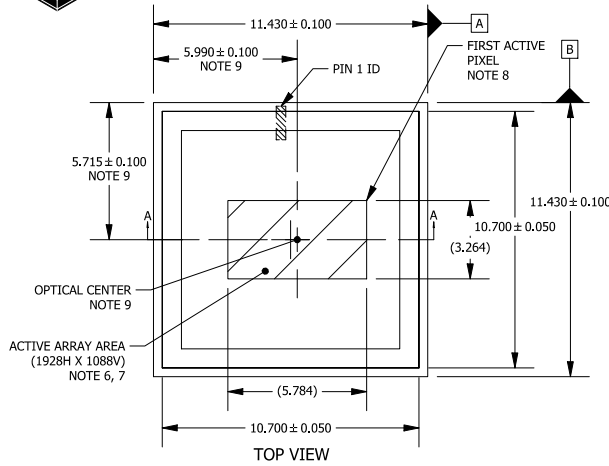
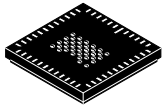
MECHANICAL CASE OUTLINE PACKAGE DIMENSIONS

ON Semiconductor®

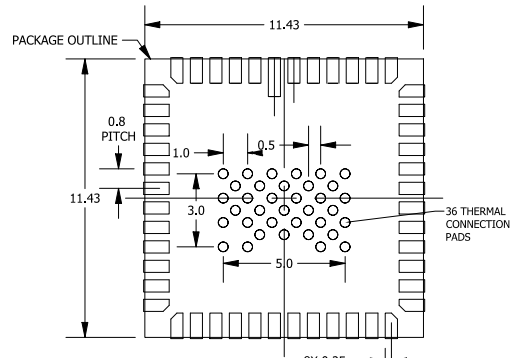
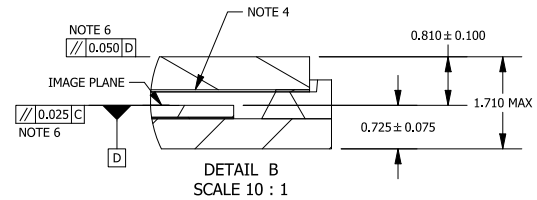


PLCC48 11.43x11.43 (HiSPi) CASE 776AQ ISSUE F

DATE 18 DEC 2019



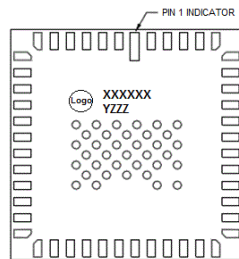
- NOTES:
1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 1994.
 2. CONTROLLING DIMENSION: MILLIMETERS [mm].
 3. GLASS: 0.550 THICKNESS; REFRACTIVE INDEX = 1.52.
 4. AIR GAP BETWEEN GLASS AND PIXEL ARRAY: 0.260 THICKNESS.
 5. COPLANARITY APPLIES TO THE PLATED LAND PADS.
 6. PARALLELISM APPLIES ONLY TO THE ACTIVE ARRAY.
 7. MAXIMUM ROTATION OF ACTIVE ARRAY RELATIVE TO DATUMS A AND B IS ± 0.5°.
 8. REFER TO THE DEVICE DATA SHEET FOR TOTAL PIXEL ARRAY DEFINITIONS.
 9. OPTICAL CENTER RELATIVE TO PACKAGE CENTER (X, Y) = (0.275, 0.000).
 10. PACKAGE CENTER (X, Y) = (0.000, 0.000).



RECOMMENDED MOUNTING 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.

GENERIC MARKING DIAGRAM*



XXXX = Specific Device Code
Y = Year
ZZZ = Lot Traceability

*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. Some products may not follow the Generic Marking.

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