

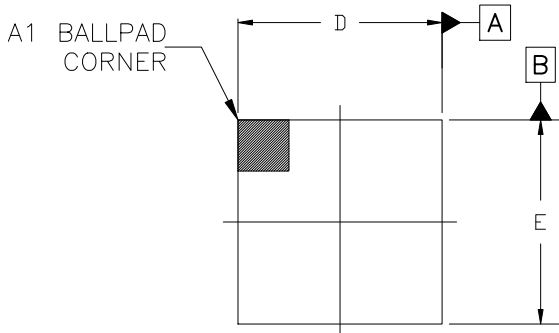
MECHANICAL CASE OUTLINE PACKAGE DIMENSIONS

ON Semiconductor®

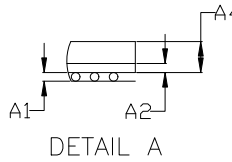


BGA394 14x14x1.36 CASE 504AQ ISSUE 0

DATE 23 JUL 2019



TOP VIEW

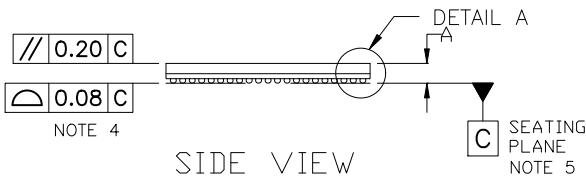


DETAIL A

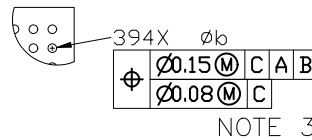
NOTES:

1. DIMENSIONING AND TOLERANCING PER. ASME Y14.5M, 2009.
2. CONTROLLING DIMENSION: MILLIMETERS
3. DIMENSION b IS MEASURED AT THE MAXIMUM SOLDER BALL DIAMETER PARALLEL TO DATUM C.
4. COPLANARITY APPLIES TO THE SPHERICAL CROWNS OF THE SOLDER BALLS.
5. DATUM C, THE SEATING PLANE, IS DEFINED BY THE SPHERICAL CROWNS OF THE SOLDER BALLS.

DIM	MILLIMETERS		
	MIN.	NDM.	MAX.
A	1.16	1.26	1.36
A1	0.17	0.22	0.28
A2	0.34 REF		
A4	0.99	1.04	1.09
b	0.25	0.30	0.35
D	13.90	14.00	14.10
E	13.90	14.00	14.10
e	0.65 BSC		

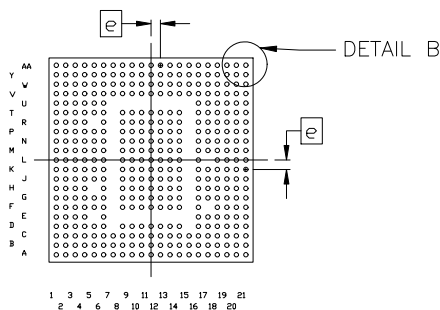


SIDE VIEW

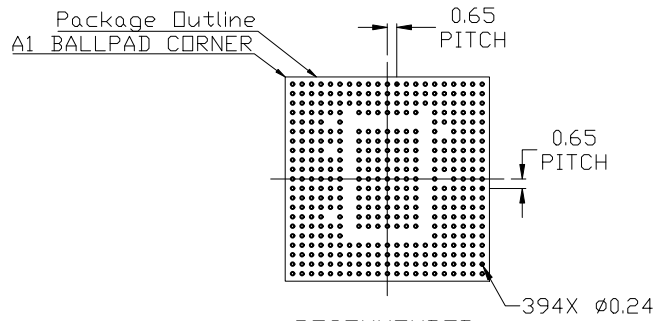


DETAIL B

NOTE 3



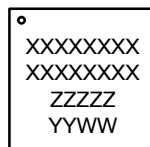
BOTTOM VIEW



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, SOLDERM/D.

GENERIC MARKING DIAGRAM*



XXXX = Specific Device Code
ZZZ = Assembly Lot Code
YY = Year
WW = Work Week

*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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DESCRIPTION:	BGA394 14x14x1.36	PAGE 1 OF 1

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