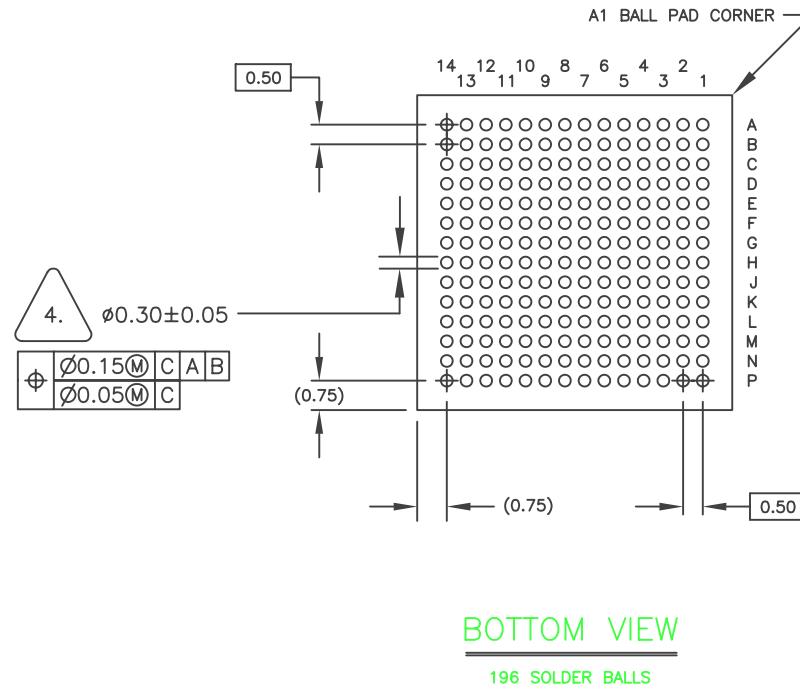
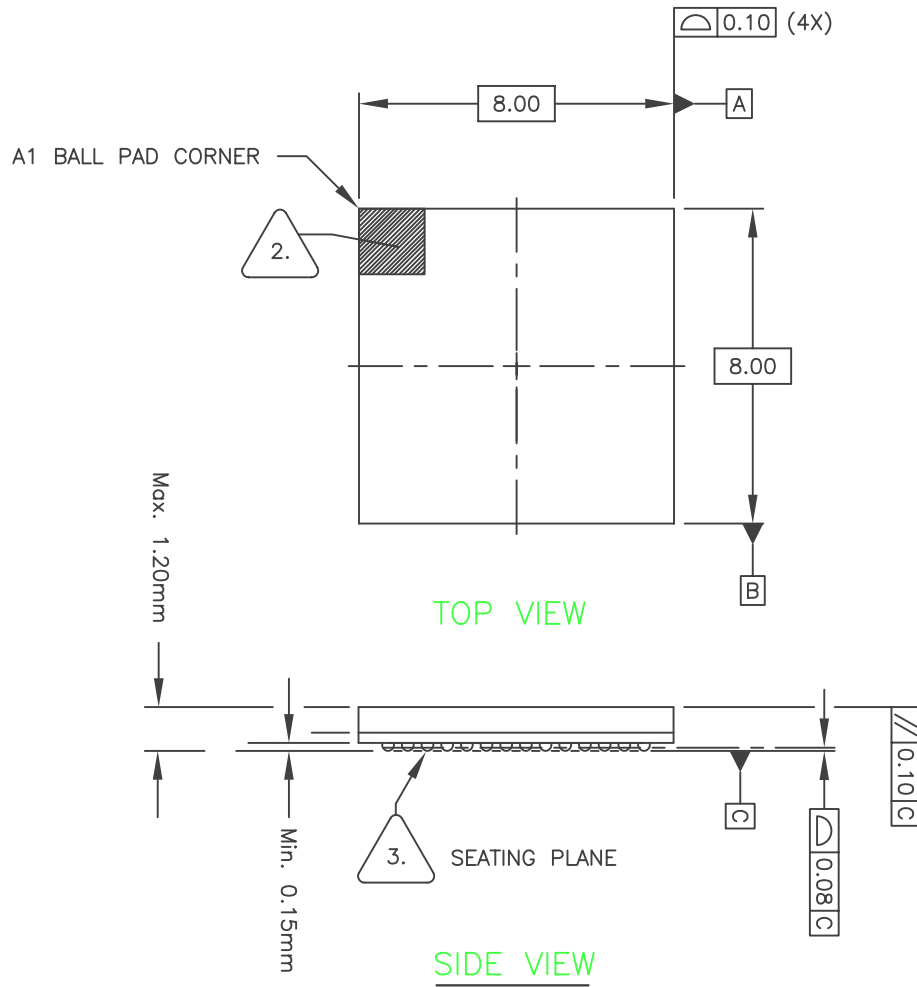


### REVISIONS

ZONE	REV	ECN	DESCRIPTION	DATE	APPROVED
	A		NEW RELEASE	08/29/05	RUTH LIN
	B		Update the labeling on the overall package height and collapsed ball height	02/13/07	RUTH LIN
	C		Change to Rev B because of rename from MECH DRAWING to MKT DRAWING	05/15/07	RUTH LIN



#### Notes:

- ALL DIMENSIONS AND TOLERANCE CONFORM TO ASME Y 14.5M-1994
- DETAILS OF PIN 1 IDENTIFIER ARE OPTIONAL MAY CONSIST OF INK DOT, LASER MARK OR METALLIZED MARKINGS, MUST BE LOCATED WITHIN THE INDICATED ZONE.
- PRIMARY DATUM C AND SEATING PLANE ARE DEFINED BY THE SPHERICAL CROWNS OF THE SOLDER BALLS.
- DIMENSION IS MEASURED AT THE MAXIMUM SOLDER BALL DIAMETER, PARALLEL TO PRIMARY DATUM C.
- REFER TO JEDEC STANDARD MO-195 ISSUE C.
- ALL DIMENSIONS ARE IN MILLIMETERS.

DRAWN RUTH LIN	DATE 08/29/05	
APPROVED BY K.H. THE	DATE 08/29/05	
		TF-BGA, 8x8x1.2mm 4L, PU196 BALL, 0.50mm PITCH
PROJECTION 	SCALE N/A	DWG NO 03-015-82
REFERENCE PACKAGE OUTLINES	QUICKLOGIC PKG CODE: PT196	REV C
		SHEET 1 OF 1