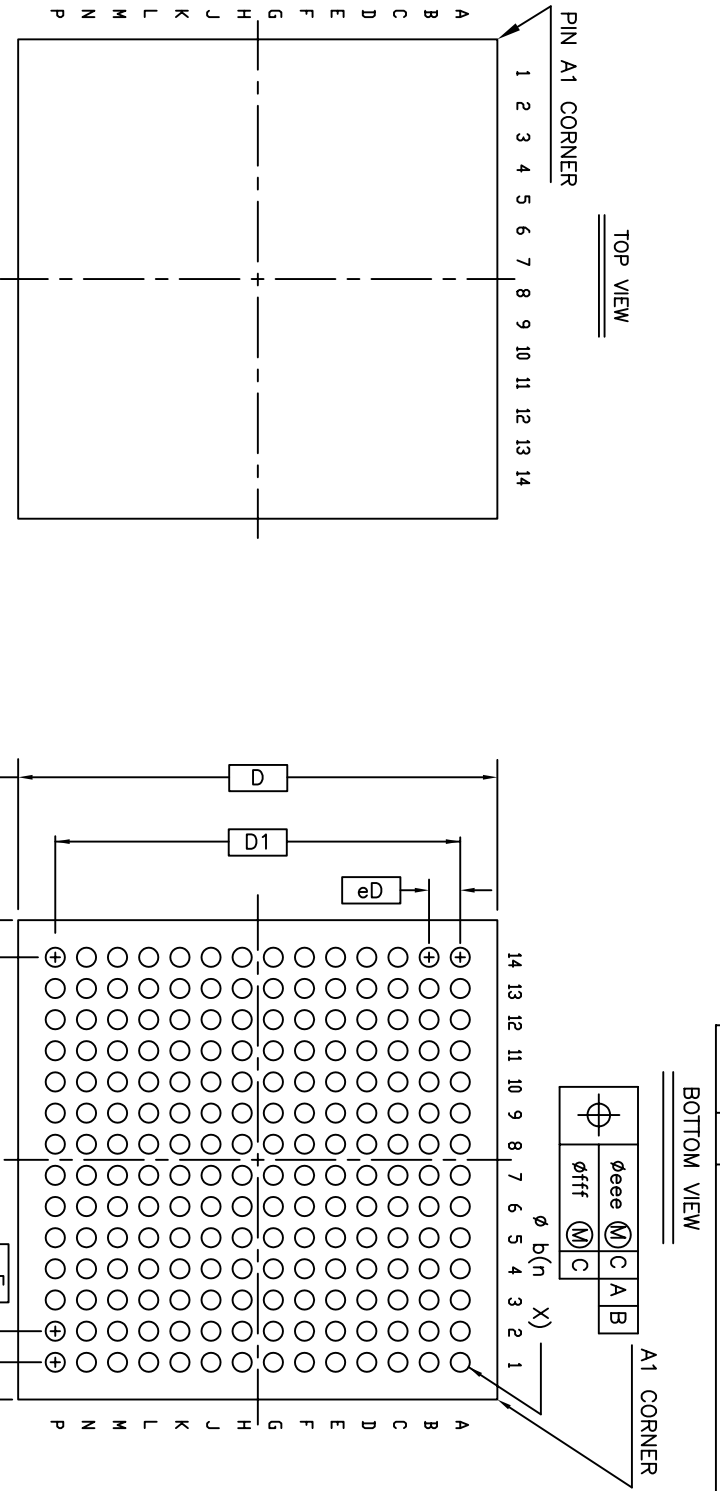
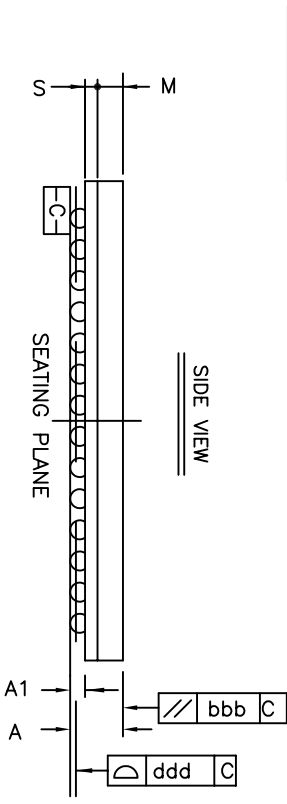


REVISIONS			DATE	APPROVED
DCN	REV	DESCRIPTION	10/12/11	
00		INITIAL RELEASE		



	Symbol	Common Dimensions
Package :		CVBGA
Body Size:	X E	10,000
	Y D	10,000
	X eE	0.650
	Y eD	0.650
Ball Pitch :		
	A	1.29+/-0.01
Total Thickness :		
	M	0.70+/-0.05
Mold Thickness :		
	S	0.26+/-0.04
Substrate Thickness :		
		0.40+/-0.05
Ball Diameter :		
	A1	0.27 ~ 0.37
Stand Off :		
	b	0.40+/-0.05
Ball Width :		
	ooo	0.150
Package Edge Tolerance :		
	bbb	0.200
Mold Flatness :		
	ddd	0.120
Coplanarity:		
	eee	0.150
Ball Offset (Package) :		
	fff	0.080
Ball Offset (Ball) :		
	n	196
Ball Count :	X	8,450
	Y	8,450
Edge Ball Center to Center :	E1	
	D1	



NOTES: ALL DIMENSIONS ARE IN MILLIMETERS.

TOLERANCES UNLESS SPECIFIED			6024 SILVER CREEK VALLEY ROAD, SAN JOSE, CA 95138 PHONE: (408) 284-8200 FAX: (408) 284-3572
DECIMAL	ANGULAR		
xxx±	±	www.idt.com	
xxxx±			
xxxx±			
APPROVALS	DATE	TITLE	SIZE
DRAWN CXC	10/12/11	BKG 196 PACKAGE OUTLINE	DRAWING No. PSC-4393
CHECKED		10.0 x 10.0 mm, 0.65mm PITCH	REV 00
		CVBGA	DO NOT SCALE DRAWING
			SHEET 1 OF 1