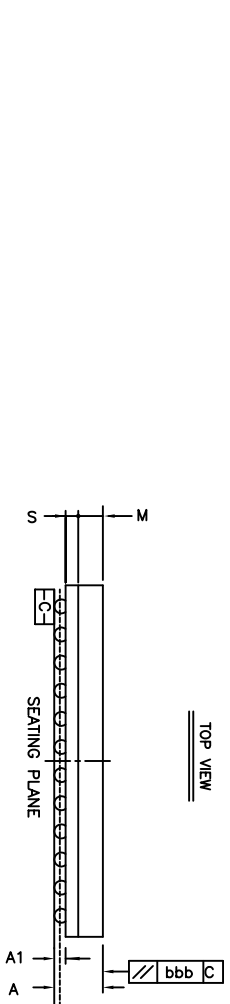
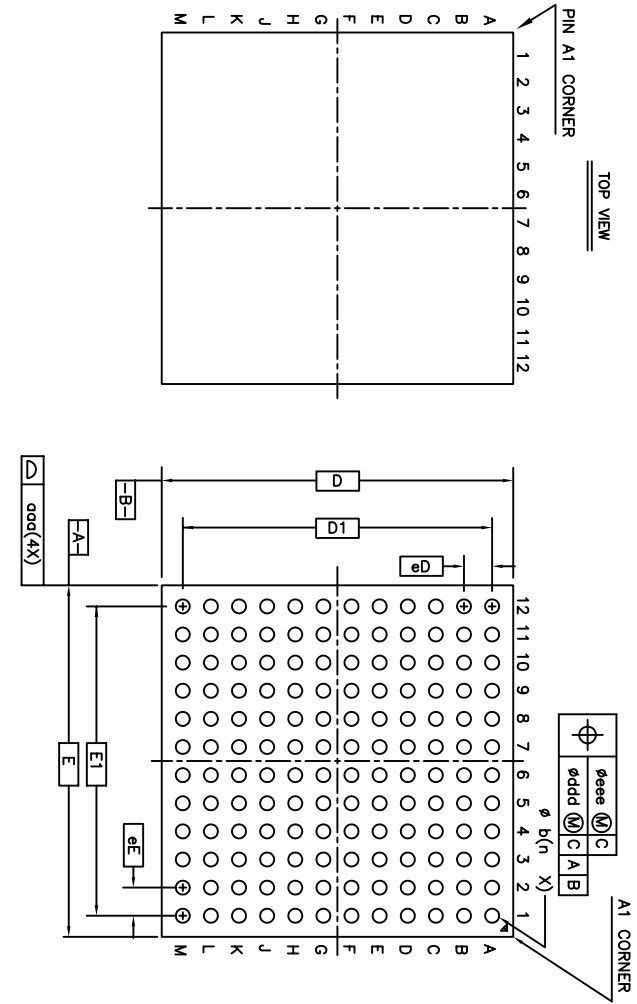


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	07/14/09	P.PAIK
01	COMBINE POD & LAND PATTERN	4/19/13	RC

BOTTOM VIEW



Package :	Symbol	Common Dimensions
Body Size:	X	E
Ball Pitch :	Y	D
	X	eE
	Y	eD
Total Thickness :	A	1.450 MAX
Mold Thickness :	M	0.700 Ref
Substrate Thickness :	S	0.360 Ref
Ball Diameter :		0.400
Stand Off :	A1	0.270-0.470
Ball Width :	b	0.370-0.470
Package Edge Tolerance :	aaa	0.150
Mold Flatness :	bbb	0.200
Coplanarity:	ccc	0.100
Ball Offset (Package) :	ddd	0.150
Ball Offset (Ball) :	eee	0.080
Ball Count :	n	144
Edge Ball Center to Center :	X	E1
	Y	D1

TOLERANCES UNLESS SPECIFIED
 DECIMAL ANGULAR
 XX.X .1
 XXX.X .05
 XXXX.X .030

APPROVALS DATE
 DRAWN 08/16/08
 CHECKED

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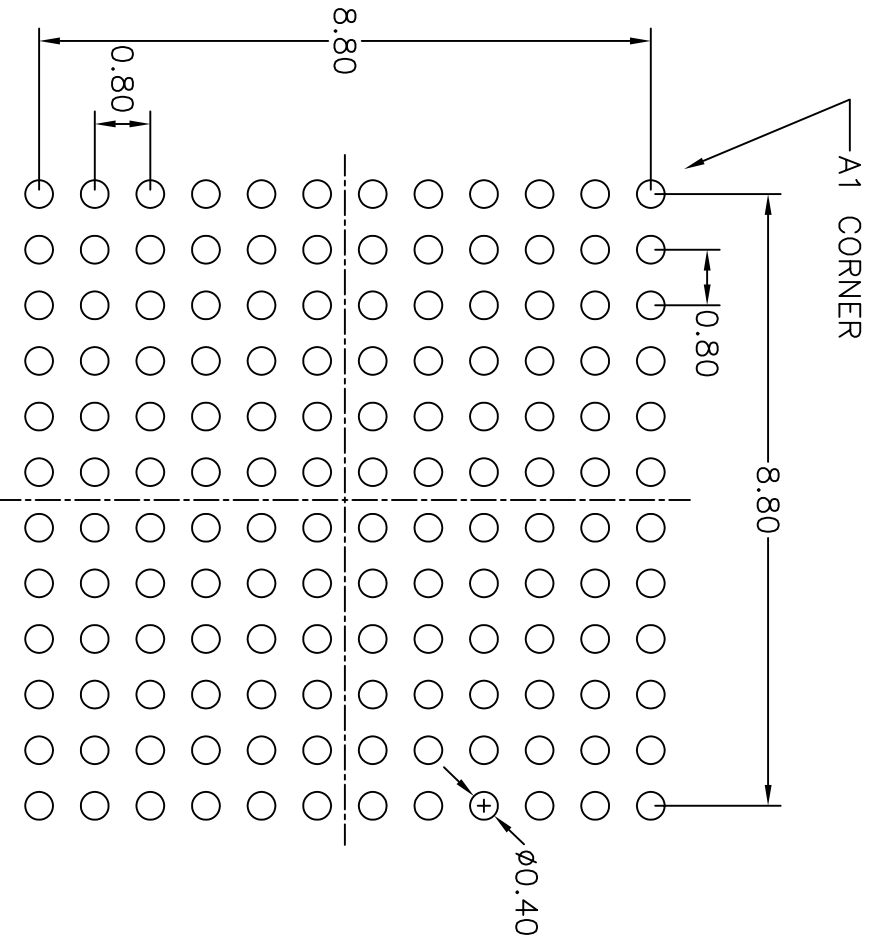
IDT
 6024 SILVER CREEK
 VALLEY ROAD, SAN JOSE,
 CA 95138
 PHONE: (408) 294-8200
 FAX: (408) 294-3572

TITLE AB/ABG 144 PACKAGE OUTLINE
 10 x 10 mm BODY
 0.8 mm PITCH CABGA

SIZE / DRAWING No. PSC-4262
 DO NOT SCALE DRAWING

REV 01
 SHEET 1 OF 2


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	07/14/09	P.PAIK
01	COMBINE POD & LAND PATTERN	4/19/13	RC



RECOMMENDED LAND PATTERN

NOTE:

- 1) ALL dimensions are in mm, Angles in degrees.
- 2) Top down view, as view on PCB.
- 3) NSMD Land Pattern Assumed
- 4) Land Pattern Recommendation as per IPC-7351B generic requirement for surface mount design and Land Pattern.

TOLERANCES UNLESS SPECIFIED		 8024 SILVER CREEK VALLEY ROAD, SAN JOSE, CA 95138 PHONE: (408) 284-8200 FAX: (408) 284-3572	
DECIMAL	ANGULAR		
XX.X	±1°		
XXX.X	.030		
APPROVALS	DATE	TITLE	
DRAWN <i>RAIG</i>	7/14/09	AB/ABG 144 PACKAGE OUTLINE	
CHECKED		10 x 10 mm BODY	
		0.8 mm PITCH CARGA	
		SIZE	REV
		C	01
DO NOT SCALE DRAWING		SHEET 2 OF 2	