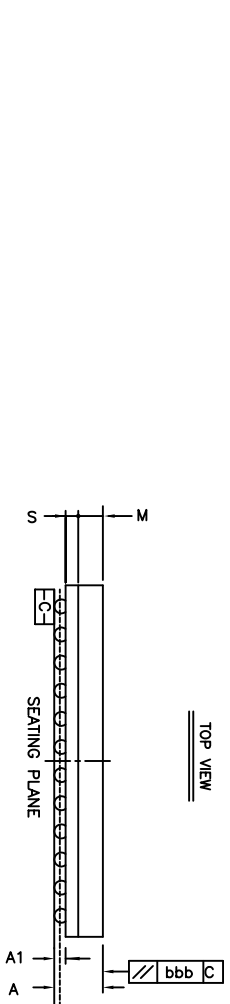
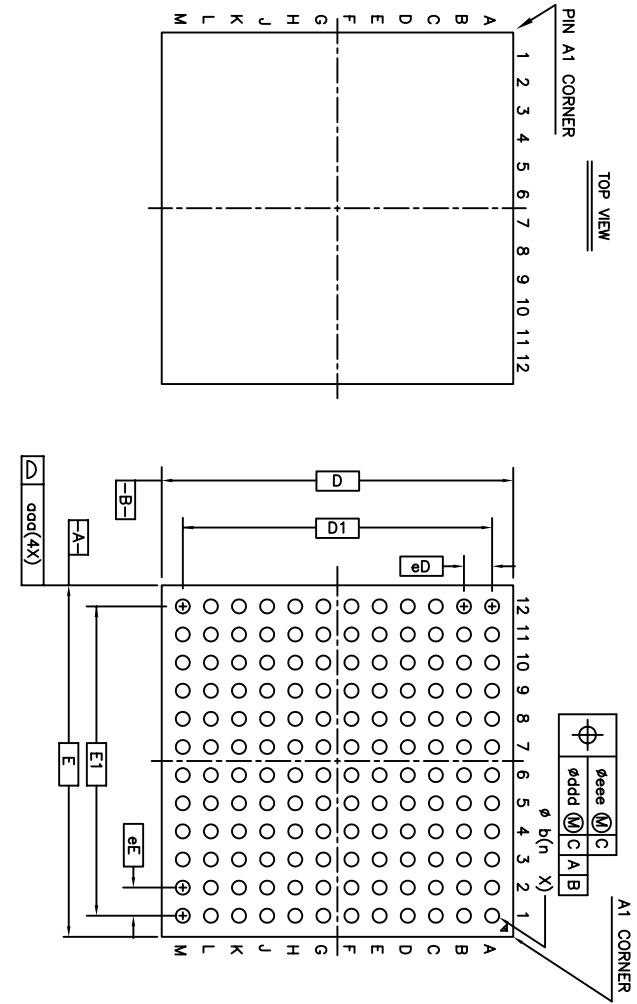


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	07/14/09	P.PAIK
01	COMBINE POD & LAND PATTERN	4/19/13	RC

BOTTOM VIEW



Symbol	Common Dimensions
Package :	CABGA
Body Size:	X E 10 Y D 10
Ball Pitch :	X eE 0.800 Y eD 0.800
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 8.800 Y D1 8.800

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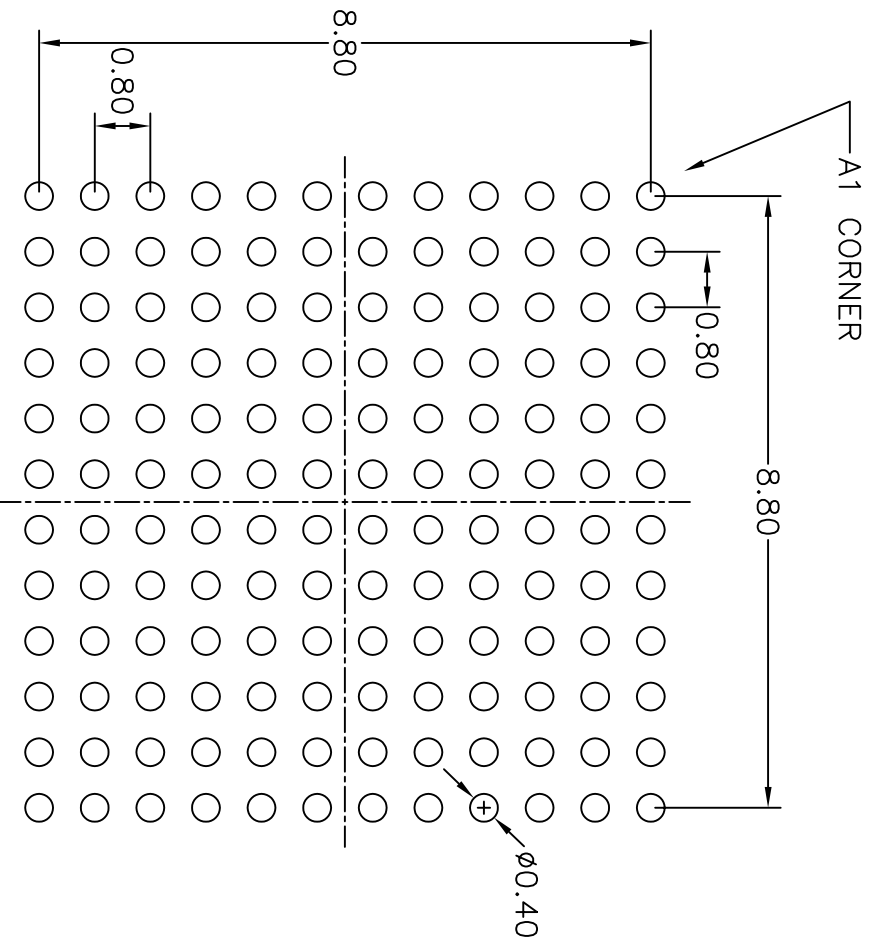
6024 SILVER CREEK
 VALLEY ROAD, SAN JOSE,
 CA 95138
 PHONE: (408) 294-8200
 FAX: (408) 294-3572

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

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 DECIMAL ANGULAR X.X .05 ±1° XXXX .030		 8024 SILVER CREEK VALLEY ROAD, SAN JOSE, CA 95138 PHONE: (408) 284-8200 FAX: (408) 284-3572	
APPROVALS DRAWN <i>RAJG</i> CHECKED	DATE 7/14/09	TITLE AB/ABG 144 PACKAGE OUTLINE 10 x 10 mm BODY 0.8 mm PITCH CARGA	SIZE C
DO NOT SCALE DRAWING		DRAWING No. PSC-4262	REV 01