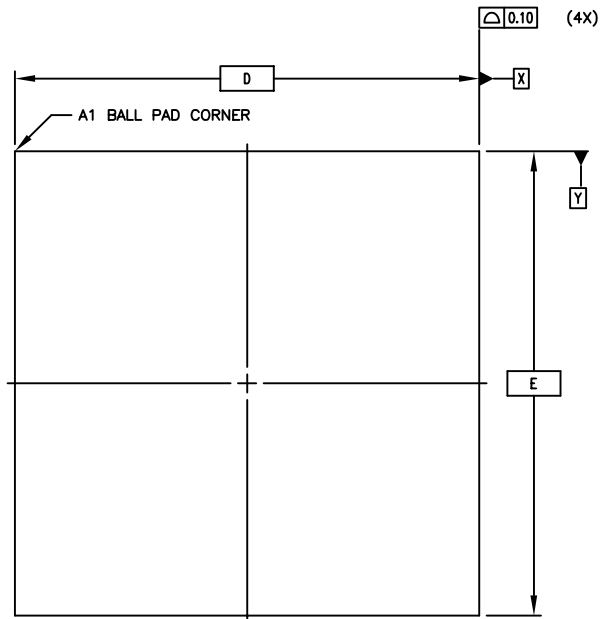
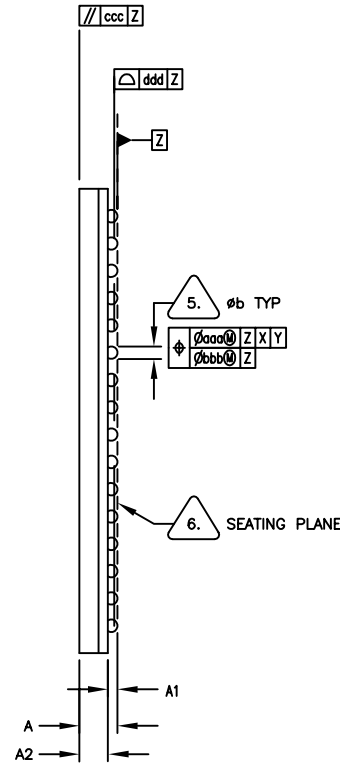


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	01/16/04	TU VU
01	COMBINE POD & LAND PATTERN	05/14/13	RC
02	UPDATE TO REVISION 2 IN DCP	12/5/14	RC



TOP VIEW



SIDE VIEW

SYMBOL	JEDEC VARIATION			NOTE
	AAF-1			
	MIN	NOM	MAX	
A	1.66	1.76	1.86	
A1	.31	.36	.41	
D	17.00 BSC			
D1	15.00 BSC			
E	17.00 BSC			
E1	15.00 BSC			
MD	16			3
ME	16			3
N	256			4
e	1.00 BSC			
b	.41	.46	.51	5
aaa	-	-	.15	
bbb	-	-	.08	
ccc	-	-	.10	
ddd	-	-	.12	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MILLIMETERS
DECIMAL ANGULAR
XX ±0.10 ±1°
XXX ±0.05
XXX ±0.03



6024 SILVER CREEK VALLEY ROAD
San Jose, CA 95138
PHONE: (408) 284-8200
FAX: (408) 284-2775

APPROVALS
DRAWN *BP*
CHECKED

DATE

12/15/13

BP/BPG256 PACKAGE OUTLINE
17.0 x 17.0 mm BODY CABGA

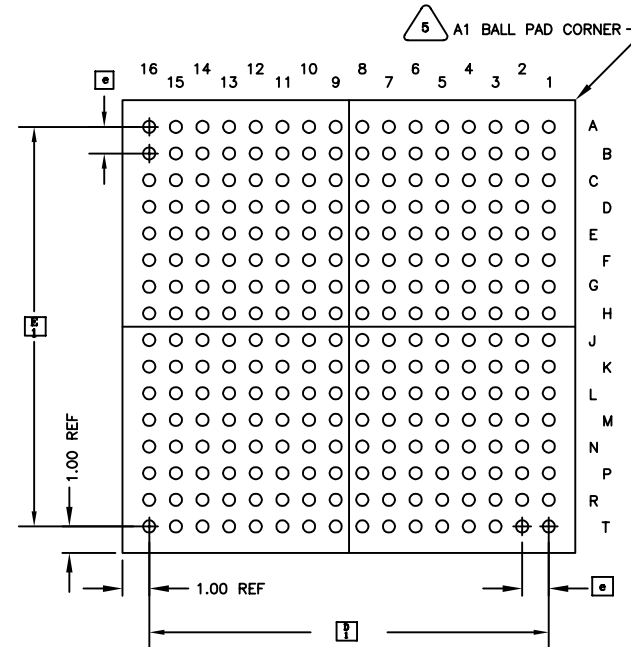
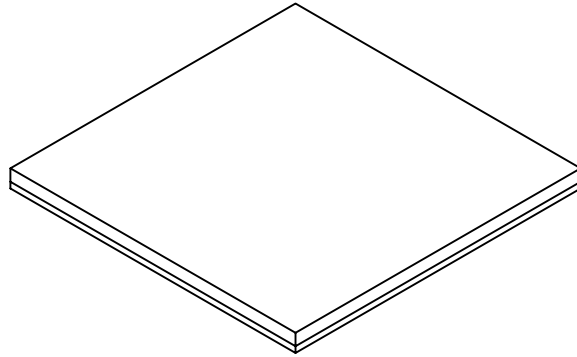
DRAWING No.
PSC-4126

SIZE SCALE REV
C N/A 02

DO NOT SCALE DRAWING



SHEET 1 OF 3


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	01/16/04	TU VU
01	COMBINE POD & LAND PATTERN	5/14/13	RC
02	UPDATE TO REVISION 2 IN DCP	12/5/14	RC



BOTTOM VIEW
256 SOLDER BALLS

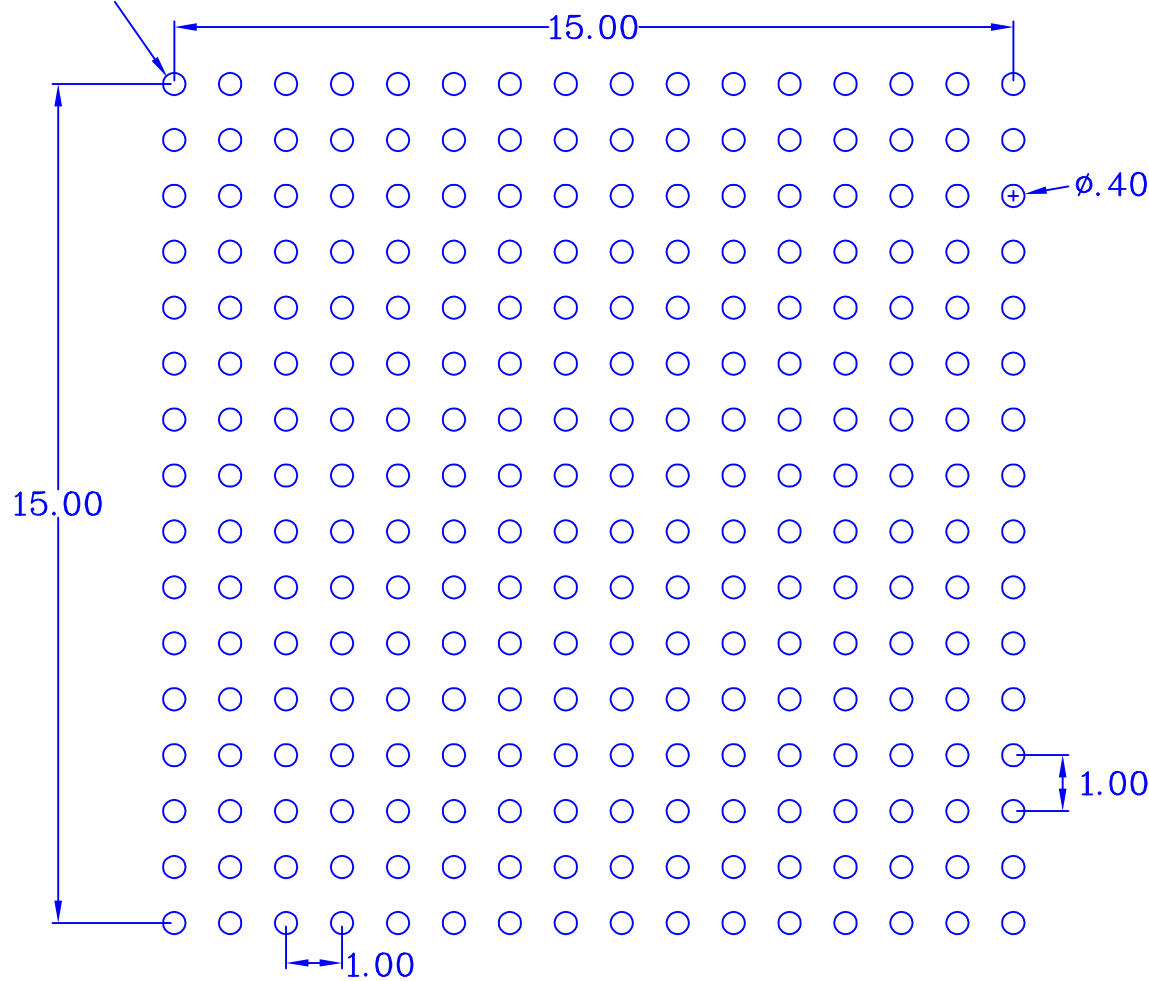
NOTES: UNLESS OTHERWISE SPECIFIED

1. ALL DIMENSIONS AND TOLERANCES CONFORM TO ASME Y14.5M-1994.
2. "e" REPRESENTS THE BASIC SOLDER BALL GRID PITCH.
3. "MD" IS THE MAXIMUM SOLDER BALL MATRIX SIZE IN THE "D" DIRECTION. "ME" IS THE MAXIMUM SOLDER BALL MATRIX SIZE IN THE "E" DIRECTION. "N" IS THE MAXIMUM ALLOWABLE NUMBER OF SOLDER BALLS.
4.  DIMENSION "b" IS MEASURED AT THE MAXIMUM SOLDER BALL DIAMETER, PARALLEL TO PRIMARY DATUM Z.
5.  PRIMARY DATUM Z AND SEATING PLANE ARE DEFINED BY THE SPHERICAL CROWNS OF THE SOLDER BALLS.
6. "A1" ID CORNER MUST BE IDENTIFIED. IDENTIFICATION MAY BE BY MEANS OF CHAMFER, METALLIZED OR INK MARK, INDENTATION OR OTHER FEATURE OF THE PACKAGE BODY.
7. ALL DIMENSIONS ARE IN MILLIMETERS.
8. THIS DRAWING CONFORMS TO JEDEC PUBLICATION 95 REGISTRATION MO-192 VARIATION DAF-1

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS		 IDT www.IDT.com 6024 SILVER CREEK VALLEY ROAD San Jose, CA 95138 PHONE: (408) 284-8200 FAX: (408) 284-2775		
DECIMAL	ANGULAR			
XX ±0.10	±1°			
XXX ±0.05				
XXXX ±0.03				
APPROVALS	DATE	BP/BPG256 PACKAGE OUTLINE 17.0 x 17.0 mm BODY CABGA		
DRAWN <i>BP</i>	12/15/03			
CHECKED				
DRAWING No.		SIZE	SCALE	REV
PSC-4126		C	N/A	02
DO NOT SCALE DRAWING				SHEET 2 OF 3

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	01/16/04	TU VU
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"A1" ID CORNER



RECOMMENDED LAND PATTERN DIMENSION (mm)

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS		IDT 6024 SILVER CREEK VALLEY ROAD San Jose, CA 95138 www.IDT.com	
DECIMAL	ANGULAR	772 SAN JOSE AVENUE SAN JOSE, CA 95128 PHONE: (408) 284-8200 FAX: (408) 284-2775	
XX ±0.10	±1°		
XXX ±0.05			
XXXX ±0.03			
APPROVALS	DATE	BP/BPG256 PACKAGE OUTLINE 17.0 x 17.0 mm BODY CABGA	
DRAWN <i>BP</i>	12/15/03		
CHECKED			
		DRAWING No.	SIZE SCALE REV
		PSC-4126	C N/A 02
DO NOT SCALE DRAWING			SHEET 3 OF 3