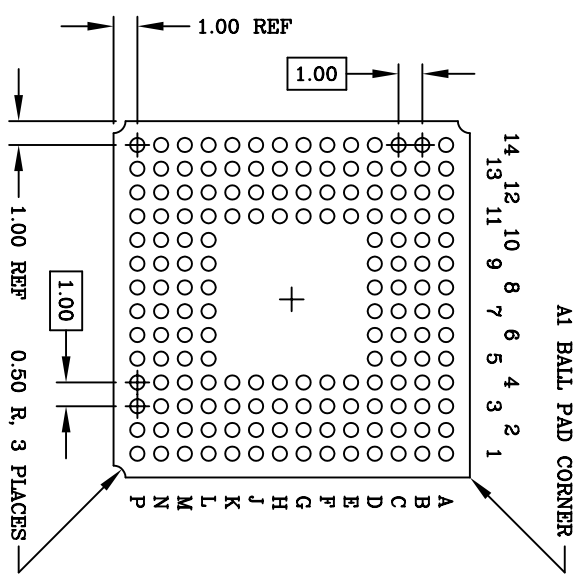
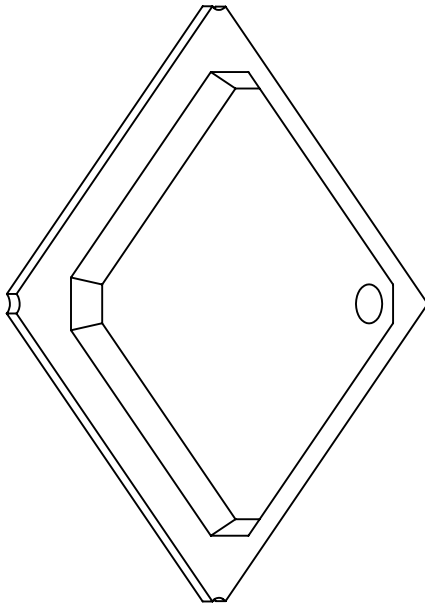


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02	ADD "GREEN" BBG NOMENCLATURE	10/19/04	TU VU
03	COMBINE POD & LAND PATTERN	06/05/13	KS

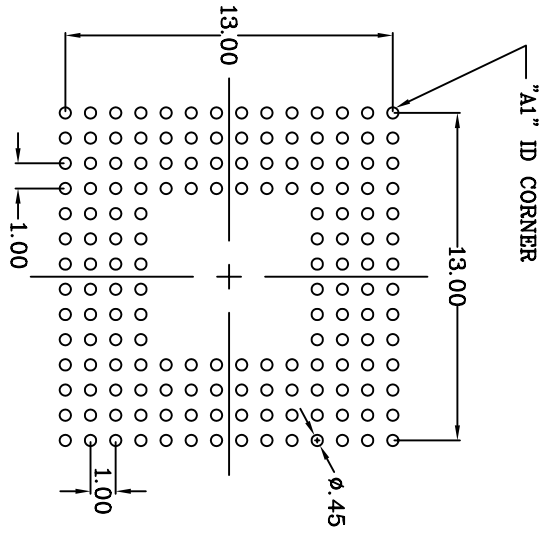


BOTTOM VIEW
160 SOLDER BALLS

- NOTES: UNLESS OTHERWISE SPECIFIED
1. ALL DIMENSIONS AND TOLERANCES CONFORM TO ASME Y14.5M-1994.
 2. THE BASIC SOLDER BALL GRID PITCH IS 1.00mm.
 3. DIMENSION IS MEASURED AT THE MAXIMUM SOLDER BALL DIAMETER, PARALLEL TO PRIMARY DATUM Z.
 4. PRIMARY DATUM Z AND SEATING PLANE ARE DEFINED BY THE SPHERICAL CROWNS OF THE SOLDER BALLS.
 5. A1 BALL PAD CORNER I.D. FOR AUTO MOLD: DIMPLE TO BE FORMED BY MOLD CAP.
 6. ALL DIMENSIONS ARE IN MILLIMETERS.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS		APPROVALS		DATE	
DECIMAL	XX ±0.10	DRAWN	JSC	04/12/01	
ANGULAR	XXX ±0.05	CHECKED			
°	XXXX ±0.05				
IDT 6024 SILVER CREEK VALLEY ROAD SAN JOSE CA 95138 TEL: (408) 284-8200 FAX: (408) 284-8591 WWW.IDT.COM		TITLE: BB/BBG 160 PACKAGE OUTLINE 15.0 X 15.0 mm BODY PBGA			
DRAWING No. PSC-4099		SIZE		SCALE	
		C		N/A	
DO NOT SCALE DRAWING		SHEET		2 OF 3	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
02	ADD "GREEN" BPG NOMENCLATURE	10/19/04	TU YU
03	COMBINE POD & LAND PATTERN	06/05/13	KS



RECOMMENDED LAND PATTERN DIMENSION

- 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.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS DECIMAL XX.XX XXX.XXX XXXX.XXXX ANGULAR °1°		IDT www.idt.com 6024 SILVER CREEK VALLEY ROAD SAN JOSE CA 95138 TEL: (408) 284-8200 FAX: (408) 284-8591	
APPROVALS	DATE	TITLE:	
DRAWN JGS	04/12/01	BB/BBG 160 PACKAGE OUTLINE	
CHECKED		15.0 X 15.0 mm BODY PBGA	
		DRAWING No.	SIZE SCALE REV
		PSC-4099	C N/A 03
DO NOT SCALE DRAWING SHEET 3 OF 3			