

NOTE:

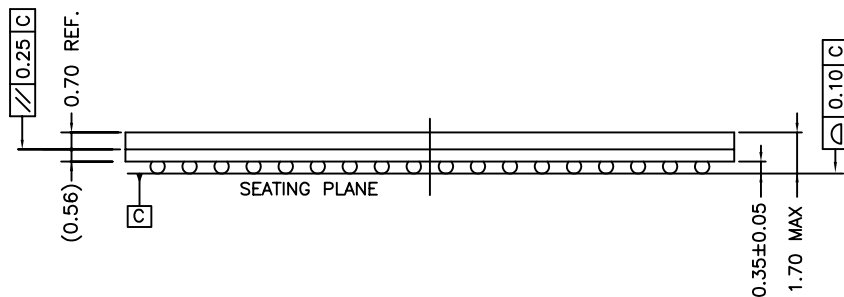
1. PACKAGE WEIGHT : REFER TO PMDD SPEC.

TOP VIEW

PIN #1 CORNER

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

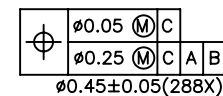
A
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V



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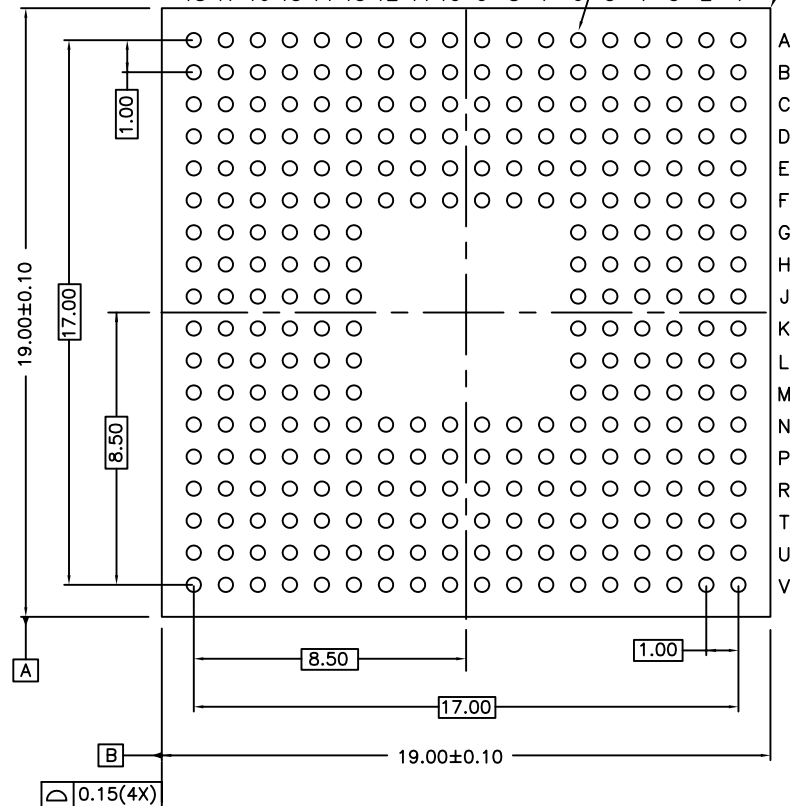
REVISIONS						
PAGE	ZONE	REV	ECN	DESCRIPTION	DATE	APPROVED
1	-	**	101903	NEW RELEASE	06/29/00	N/A
1	-	*A	115478	ADD SUBSTRATE DIM./ ADD MOLD CAP DIM./ CHG. TOTAL PKG. HEIGHT, BALL DIA., PKG. BODY TOLERANCE/ CHG. TITLE.	05/06/02	QAD
1	-	*B	2813799	Changed Template & Title from 288 FBGA 19x19x1.7MM PACKAGE OUTL. to PACKAGE OUTLINE, 288L FBGA 19X19X1.7 MM BB288.	11/25/09	QAD
1	-	*C	3352935	Update spec for sunset review, no changed	08/24/11	QAD
1	-	*D	3726611	Added package weight reference info.	08/28/12	QAD


BOTTOM VIEW



PIN 1 CORNER

18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS STANDARD TOLERANCES ARE: DECIMALS .XX ± 0.05 .XXX ± .XXXX ± ANGLES ± 1°	DESIGNED BY HTN	DATE 05/06/02	 CYPRESS Company Confidential	
	DRAWN BY HTN	DATE 05/06/02		
	CHECKED BY XANC	DATE 08/28/12		
	APPROVED BY QAD	DATE 08/28/12		
MATERIAL N/A	APPROVED BY EDCA	DATE 08/28/12	TITLE PACKAGE OUTLINE, 288L FBGA 19X19X1.7 MM BB288	
FINISH N/A	APPROVED BY PRC	DATE 08/28/12	SIZE A	PART NO. BB288
			DWG NO 51-85129	REV *D
			SCALED TO FIT N/A	SHEET 1 OF 1