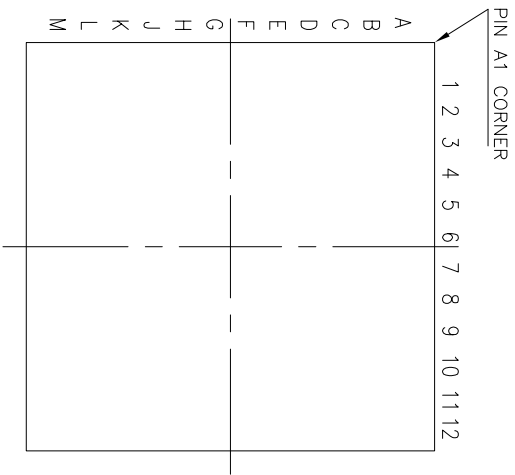


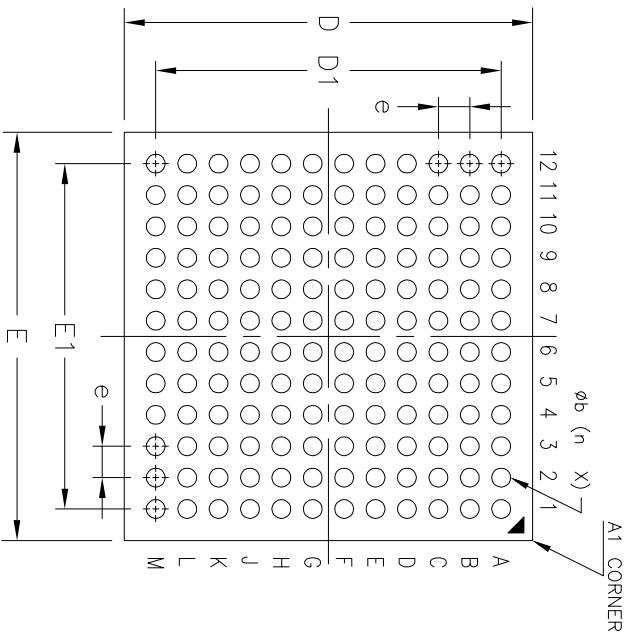
REVISION HISTORY

REV.	DISCRIPTION	DATE	APP'D
A	DRAWING ORIGINATION	12/09/09	PC

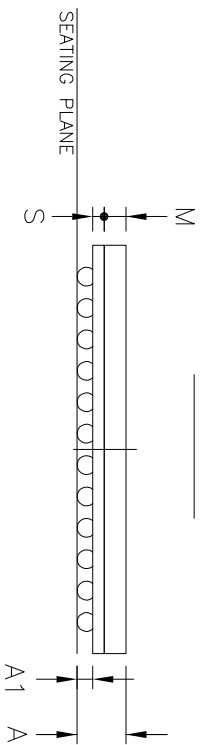
TOP VIEW



BOTTOM VIEW



SIDE VIEW



144-BALL 13X13mm LBGA(fpBGA)

SYMBOLS	DIMENSIONS IN MM (Control Unit)			DIMENSIONS IN INCH (Reference Unit)		
	MIN	NOM	MAX	MIN	NOM	MAX
A	—	—	1.70	—	—	0.067
A1	0.40	—	0.60	0.016	—	0.024
M	0.70 REF			0.028 REF		
S	0.36 REF			0.014 REF		
b	0.50	0.60	0.70	0.020	0.024	0.028
D	13.00 BSC			0.512 BSC		
D1	11.00 BSC			0.433 BSC		
E	13.00 BSC			0.512 BSC		
E1	11.00 BSC			0.433 BSC		
e	1.00 BSC			0.039 BSC		
n	144			144		



EXAR CORPORATION

144-BALL 13X13mm LBGA(fpBGA) PACKAGE OUTLINE

Packaging Approval:

Drawing No: 144-BALL 13X13mm LBGA(fpBGA)

By: PC Date: 12/09/09

Revision: A Sheet: 1 OF 1