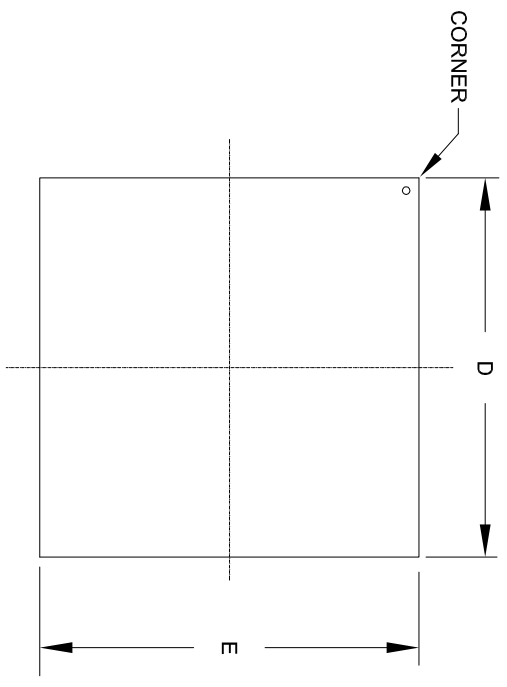
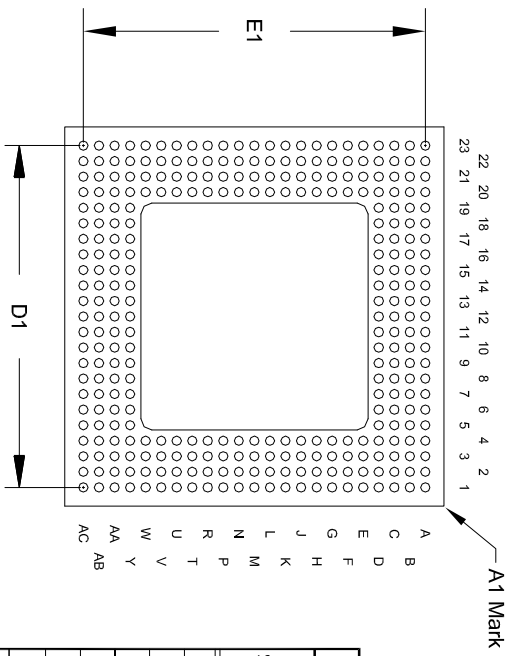


REVISION HISTORY			
REV.	DISCRIPTION	DATE	APP'D
A	DRAWING ORIGINATION	10/26/11	PC

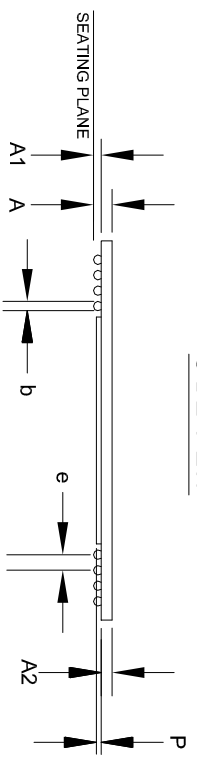
**TOP VIEW**



**BOTTOM VIEW**




**SIDE VIEW**



SYMBOLS	304-BALL 31X31mm TBGA			DIMENSIONS IN MM (Control Unit)			DIMENSIONS IN INCH (Reference Unit)		
	MIN	NOM	MAX	MIN	NOM	MAX			
A	1.30	1.50	1.70	0.051	0.059	0.067			
A1	0.45	0.58	0.70	0.018	0.023	0.028			
A2	0.80	—	1.80	0.031	—	0.071			
P	0.10	—	1.30	0.004	—	0.051			
D	30.80	31.00	31.20	1.213	1.220	1.228			
D1	—	27.94 BSC	—	—	1.100 BSC	—			
E	30.80	31.00	30.20	1.213	1.220	1.228			
E1	—	27.94 BSC	—	—	1.100 BSC	—			
b	0.60	0.75	0.90	0.024	0.030	0.035			
e	—	1.27 BSC	—	—	0.050 BSC	—			
M	—	23	—	—	23	—			
N	—	304	—	—	304	—			

NOTES: "M" REPRESENTS THE SOLDER BALL MATRIX SIZE.

		<b>EXAR CORPORATION</b>	
Packaging Approval:		Drawing No: 304-BALL 31X31mm TBGA	
By: PC	Date: 10/26/11	Revision: A	Sheet: 1 OF 1