







DIMENSIONS AND MARKING DIAGRAM ON PAGE 2

DESCRIPTION:	32 LEAD LQFP, 7X7 MM		PAGE 1 OF 3
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32 LEAD LQFP CASE 873A-02 **ISSUE C**

DATE 13 FEB 2006

- NOTES:

 1. DIMENSIONING AND TOLERANCING PER ANSI Y14.5M, 1982.

 2. CONTROLLING DIMENSION: MILLIMETER.

 3. DATUM PLANE -AB- IS LOCATED AT BOTTOM OF LEAD AND IS COINCIDENT WITH THE LEAD EXITS THE PLASTIC BODY AT THE BOTTOM OF THE PARTING LINE.

 4. DATUMS -T-, -U-, AND -Z- TO BE DETERMINED AT DATUM PLANE -AB-.

 5. DIMENSIONS S AND V TO BE DETERMINED AT SEATING PLANE -AC-.

 6. DIMENSIONS A AND B DO NOT INCLUDE MOLD PROTRUSION. ALLOWABLE PROTRUSION IS 0.250 (0.010) PER SIDE. DIMENSIONS A AND B DO INCLUDE MOLD MISMATCH AND ARE DETERMINED AT DATUM PLANE -AB-.

 7. DIMENSION DO DOES NOT INCLUDE DAMBAR PROTRUSION. DAMBAR PROTRUSION. DAMBAR PROTRUSION SHALL NOT CAUSE THE D DIMENSION SHALL NOT CAUSE THE D DIMENSION TO EXCEED 0.520 (0.020).

 8. MINIMUM SOLDER PLATE THICKNESS SHALL BE 0.0076 (0.0003).

 - SHALL BE 0.0076 (0.0003). EXACT SHAPE OF EACH CORNER MAY VARY FROM DEPICTION.

	MILLIMETERS		INCHES	
DIM	MIN	MAX	MIN	MAX
Α	7.000	BSC	0.276	BSC
A1	3.500	BSC	0.138 BSC	
В	7.000	7.000 BSC		BSC
B1	3.500	3.500 BSC		BSC
С	1.400	1.600	0.055	0.063
D	0.300	0.450	0.012	0.018
Е	1.350	1.450	0.053	0.057
F	0.300	0.400	0.012	0.016
G	0.800	BSC	0.031 BSC	
Н	0.050	0.150	0.002	0.006
7	0.090	0.200	0.004	0.008
K	0.450	0.750	0.018	0.030
M	12°	REF	12° REF	
N	0.090	0.160	0.004	0.006
P		BSC	0.016 BSC	
Q	1°	5°	1°	5°
R	0.150	0.250	0.006	0.010
S	9.000	BSC	0.354 BSC	
S1	4.500	BSC	0.177 BSC	
٧	9.000	BSC	0.354 BSC	
V1	4.500	BSC	0.177 BSC	
W	0.200	REF	0.008 REF	
Х	1.000	REF	0.039 REF	

GENERIC MARKING DIAGRAM* XXXXXXX xxxxxxxxAWLYYWWG טטטטטטטט

XXXXX = Specific Device Code

= Assembly Location

WL = Wafer Lot YY = Year WW = Work Week G = Pb-Free Package

*This information is generic. Please refer to device data sheet for actual part marking. Pb-Free indicator, "G" or microdot " ■", may or may not be present.

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ISSUE	REVISION	DATE	
В	ADDED MARKING DIAGRAM. REQ. BY S. FARRETTA.	16 APR 2004	
С	CHANGED DIMENSION K TO 0.450/0.750 0.018/0.030. REQ. BY A. GARLINGTON.	13 FEB 2006	

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