



-DRAWING NOT TO SCALE-

 maxim integrated™

TITLE:  
PACKAGE OUTLINE,  
32L SAWN QFN, 5x5x0.85mm

APPROVAL  
AHL FLERAS  
03/13/13

DOCUMENT CONTROL NO.  
21-0697

REV.  
B  
1/2

## NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. DIMENSIONING & TOLERANCES CONFORM MUST TO ASME Y14.5M. - 1994.
3. N IS THE TOTAL NUMBER OF TERMINALS.
4. DIMENSION b APPLIES TO METALLIZED TERMINAL AND IS MEASURED BETWEEN 0.15mm AND 0.30mm FROM TERMINAL TIP.
5. ND AND NE REFER TO THE NUMBER OF TERMINALS ON EACH D AND E SIDE, RESPECTIVELY.
6. MAX. PACKAGE WARPAGE IS 0.05mm.
7. MAXIMUM ALLOWABLE BURRS IS 0.076mm IN ALL DIRECTIONS.
8. CONFORMS TO JEDEC REGISTERED OUTLINE MO-220
9. BILATERAL COPLANARITY ZONE APPLIES TO THE EXPOSED HEAT SINK SLUG AS WELL AS THE TERMINALS.
10. MARKING SHOWN IS FOR PACKAGE ORIENTATION REFERENCE ONLY.
11. APPLICABLE ONLY FOR PACKAGES WITH TIGHT CORNER LEADS METAL TO METAL CLEARANCE
12. MATERIAL MUST BE COMPLIANT WITH MAXIM SPECIFICATION 10-0131 FOR SUBSTANCE CONTENT, MUST BE EU ROHS COMPLIANT WITHOUT EXEMPTION AND Pb-FREE.
13. ALL DIMENSIONS APPLY TO BOTH LEADED (-) AND PbFREE (+) PKG. CODES.
14. PKG CODES: G3255-3, G3255-4

SYMBOL	DIMENSIONS		
	MIN.	NOM.	MAX.
A	0.80	0.85	0.90
A1	0.00	0.02	0.05
A2	0.20 REF.		
b	0.18	0.25	0.30
C	0.12 X 45° REF		
D	5.0 BSC		
E	5.0 BSC		
(E)	0.50 BSC		
L	0.35	0.40	0.45
L4	0.31 REF		
N	32		
ND	8		
NE	8		
Θ	0	—	12
k	0.20 MIN.		

SYMBOL	DIMENSIONS		
	MIN.	NOM.	MAX.
D2	3.00	3.10	3.20
E2	3.00	3.10	3.20
PKG CODE:	G3255-3		

SYMBOL	DIMENSIONS		
	MIN.	NOM.	MAX.
D2	3.50	3.60	3.70
E2	3.50	3.60	3.70
PKG CODE:	G3255-4		



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