



**Please note that Cypress is an Infineon Technologies Company.**

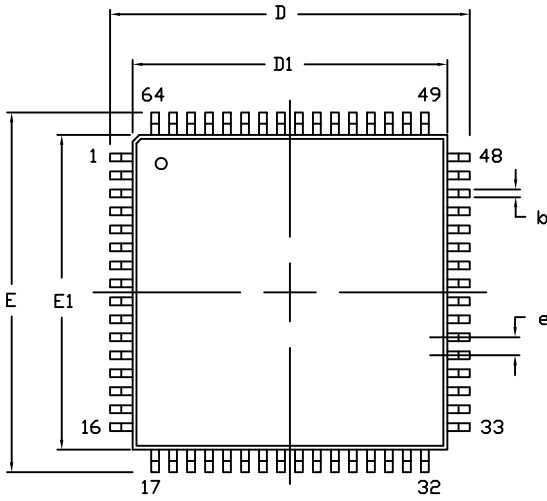
The document following this cover page is marked as “Cypress” document as this is the company that originally developed the product. Please note that Infineon will continue to offer the product to new and existing customers as part of the Infineon product portfolio.

**Continuity of document content**

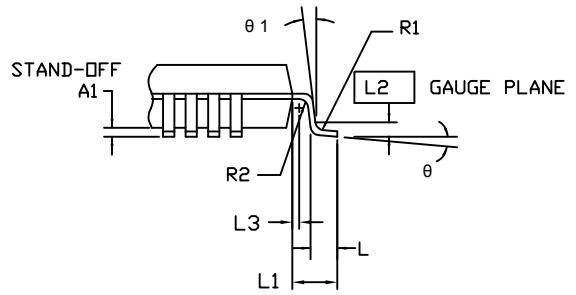
The fact that Infineon offers the following product as part of the Infineon product portfolio does not lead to any changes to this document. Future revisions will occur when appropriate, and any changes will be set out on the document history page.

**Continuity of ordering part numbers**

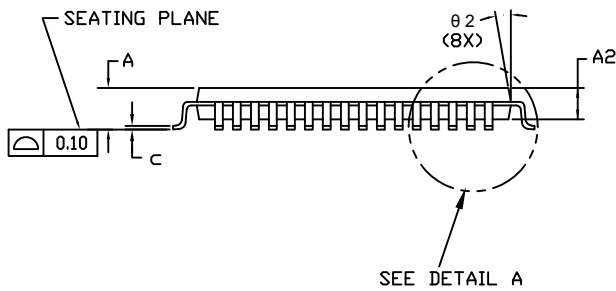
Infineon continues to support existing part numbers. Please continue to use the ordering part numbers listed in the datasheet for ordering.



TOP VIEW



DETAIL A



SIDE VIEW

NOTE:  
THIS PACKAGE CAN HAVE




OR  
TOP LEFT SIDE CORNER CHAMFER      4° CORNER CHAMFER

SYMBOL	DIMENSIONS		
	MIN.	NOM.	MAX.
A	—	—	1.60
A1	0.05	—	0.15
A2	1.35	1.40	1.45
D	15.75	16.00	16.25
D1	13.95	14.00	14.05
E	15.75	16.00	16.25
E1	13.95	14.00	14.05
R1	0.08	—	0.20
R2	0.08	—	0.20
θ	0°	—	7°
θ1	0°	—	—
θ2	11°	12°	13°
c	—	—	0.20
b	0.30	0.35	0.40
L	0.45	0.60	0.75
L1	1.00 REF		
L2	0.25 BSC		
L3	0.20	—	—
e	0.80 TYP		

NOTE:

1. JEDEC STD REF MS-026
2. BODY LENGTH DIMENSION DOES NOT INCLUDE MOLD PROTRUSION/END FLASH  
MOLD PROTRUSION/END FLASH SHALL NOT EXCEED 0.0098 in (0.25 mm) PER SIDE  
BODY LENGTH DIMENSIONS ARE MAX PLASTIC BODY SIZE INCLUDING MOLD MISMATCH
3. DIMENSIONS IN MILLIMETERS

REVISIONS			
Rev	ECN No.	Orig. of change	Reason for Revision
**	557		NEW RELEASE
*A	695		ADD LEAD THICKNESS
*B	49395		ADD DETAIL "A", CHG. TITLE, CHG. PART #
*C	412838	ONG	ADD NOTES -JEDEC REFERENCE MS-026 -MOLD PROTRUSION/END FLASH INFORMATION
*D	412838	TZWTMP2	Changed template, & title from 64 LD TQFP (14 X 14 X 1.4) PKG OUTLINE to PACKAGE OUTLINE, 64LD TQFP 14X14X1.4 MM A64SA.
*E	3146096	QADTMP1	ECN SUNSET NO CHANGE
*F	4253735	KTQAD/ XANC	SUNSET REVIEW. CHANGED DRAWING TEMPLATE.
*G	4701142	XANC	Added option for 4 corners chamfer. Removed ejectors.
*H	5624235	KOTA	CONVERTED TO NEW POD FORMAT. ADDED DIMENSION 0.20 MAX IN SIDE VIEW.

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TITLE PACKAGE OUTLINE, 64 LEAD TQFP 14.0X14.0X1.4 MM A64SA			
SPEC NO.		51-85046	
SCALE: TO FIT		SHEET 2 OF 2	

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PACKAGE CODE(S)	A64SA	DRAWN BY	DATE
		KOTA	8-FEB-17
		APPROVED BY	DATE
		RELL	8-FEB-17

REV \*H