

Please note that Cypress is an Infineon Technologies Company.

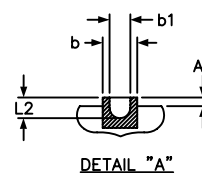
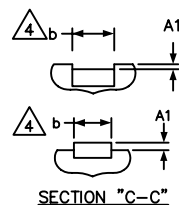
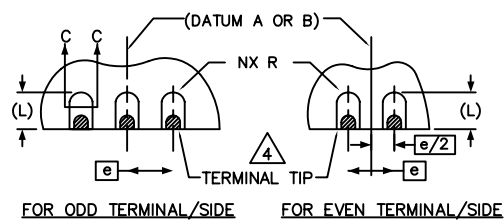
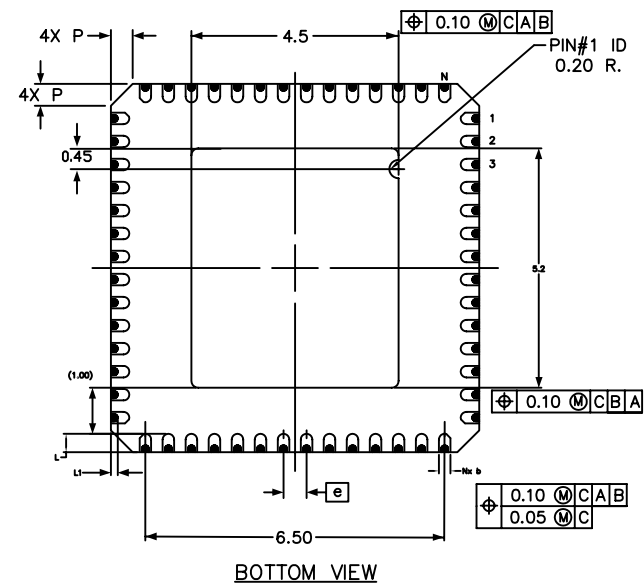
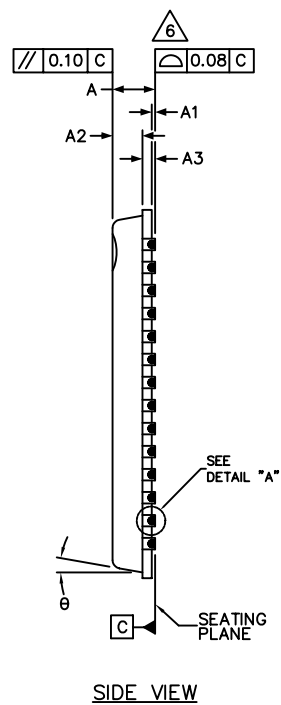
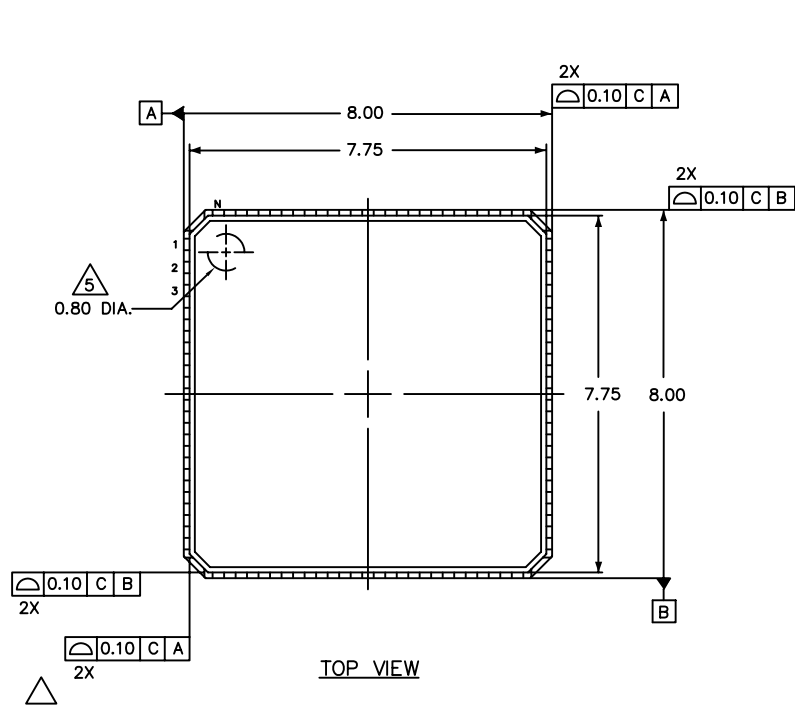
The document following this cover page is marked as “Cypress” document as this is the company that originally developed the product. Please note that Infineon will continue to offer the product to new and existing customers as part of the Infineon product portfolio.

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.



SYMBOL	COMMON DIMENSIONS			N _T
	MIN.	NOM.	MAX.	
A	0.80	0.85	0.90	
A1	0.00	0.01	0.05	6
A2	0.60	0.65	0.70	
A3		0.20 REF		
θ	0	—	12°	
P	0.24	0.42	0.60	
e		0.50 BSC		
N		56		3
L	0.30	0.40	0.50	
L1	0.05	0.15	0.25	
L2	0.05	0.10	0.15	
b	0.20	0.25	0.30	
b1	0.10	0.15	0.20	

NOTES:

- DIE THICKNESS ALLOWABLE IS 0.305mm MAXIMUM (0.012 INCHES MAXIMUM)
- DIMENSIONING & TOLERANCES CONFORM TO ASME Y14.5M, -1994.
- N IS THE NUMBER OF TERMINALS
- DIMENSION b APPLIES TO PLATED TERMINAL AND IS MEASURED BETWEEN 0.15 AND 0.30mm FROM TERMINAL TIP.
- THE PIN #1 IDENTIFIER MUST BE EXISTED ON THE TOP SURFACE OF THE PACKAGE BY USING INDENTATION MARK OR OTHER FEATURE OF PACKAGE BODY.
- UNILATERAL COPLANARITY ZONE APPLIES TO THE EXPOSED PAD AS WELL AS THE TERMINALS

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PACKAGE CODE(S)

LW56



CYPRESS
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TITLE PACKAGE OUTLINE, 56L QFN 8X8X1.0 MM LW56 4.5X5.2 EPAD (SUBCON PUNCH QFN, WETTABLE FLANKS PACKAGE)


SPEC NO. 001-76517

REV *A

SCALED TO FIT N/A SHEET 1 OF 2

1	2	3	4	5	6
A					
B					
C					
D					

REV.	ECN NO.	ORIGIN OF CHANGE	DESCRIPTION OF CHANGE
**	3541880	—	NEW RELEASE
*A	4707508	XANC	FOR SUNSET REVIEW. UPDATE DRAWING TEMPLATE.



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TITLE

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(SUBCON PUNCH QFN, WETTABLE FLANKS PACKAGE)

SPEC NO.

001-76517

REV

*A

SCALED TO FIT

N/A

SHEET 2 OF 2

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