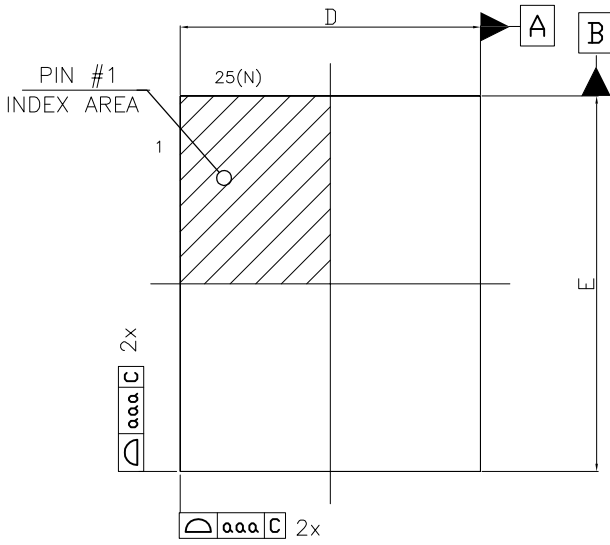
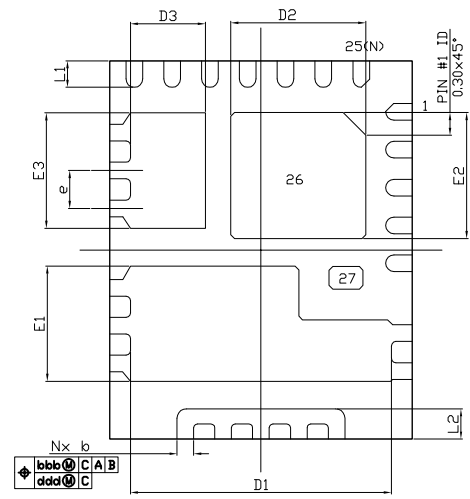


Revision History

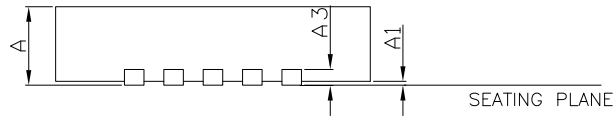
REV.	Description	Date	APP'D
B	CORRECT TYPO ON LAND PATTERN DESIGN	FEB/15/2017	ECN 1717-33 04/28/2017 jh
B.1	CHANGE FORMAT TO MAXLINEAR	FEB/01/2018	ECN 1805-07 jh



TOP VIEW



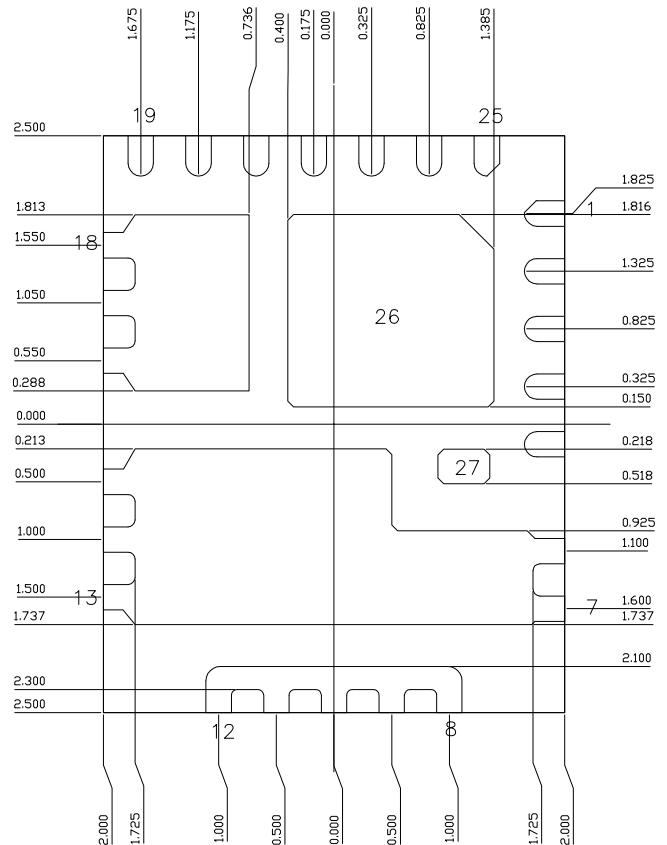
BOTTOM VIEW



SIDE VIEW

Dimension Table				
Thickness Symbol	MIN	NOM	MAX	NOTE
A	0.80	0.90	1.00	
A1	0.00	0.02	0.05	
A3	---	0.20Ref	---	
b	0.20	0.25	0.30	
D	4.00 BSC			
E	5.00 BSC			
e	0.50 BSC			
D1	3.350	3.450	3.550	
E1	1.424	1.524	1.624	
D2	1.685	1.785	1.885	
E2	1.566	1.666	1.766	
D3	0.889	0.989	1.089	
E3	1.425	1.525	1.625	
L1	0.25	0.35	0.45	
L2	0.30	0.40	0.50	
aaa	0.15			
bbb	0.10			
ccc	0.10			
ddd	0.05			
eee	0.08			
N	25			

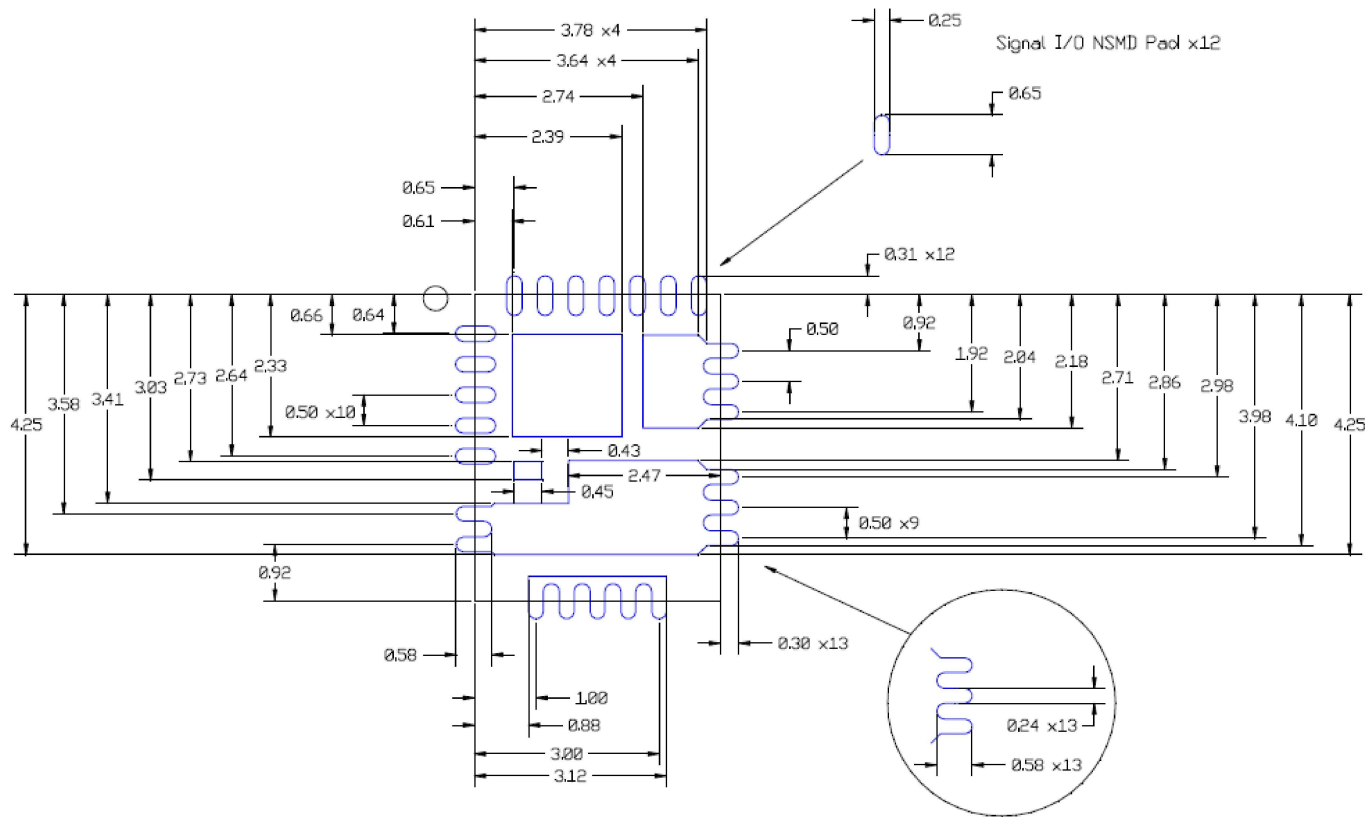
TERMINAL DETAILS



- ALL DIMENSIONS ARE IN MILLIMETERS, ANGLES ARE IN DEGREES.

		MAXLINEAR CORPORATION	
		27LD 5x4x1.0mm QFN Cu Clip Package Outline Drawing	
Packaging Approval:		Drawing No.: POD-00000085	
By: YG Eom	Date: FEB.01.2018	Revision: B.1	Sheet 1 OF 3


Revision History			
REV.	Description	Date	APP'D
B	CORRECT TYPO ON LAND PATTERN DESIGN	FEB/15/2017	ECN 1717-33 04/28/2017 jh
B.1	CHANGE FORMAT TO MAXLINEAR	FEB/01/2018	ECN 1805-07 jh



Metal and component placement

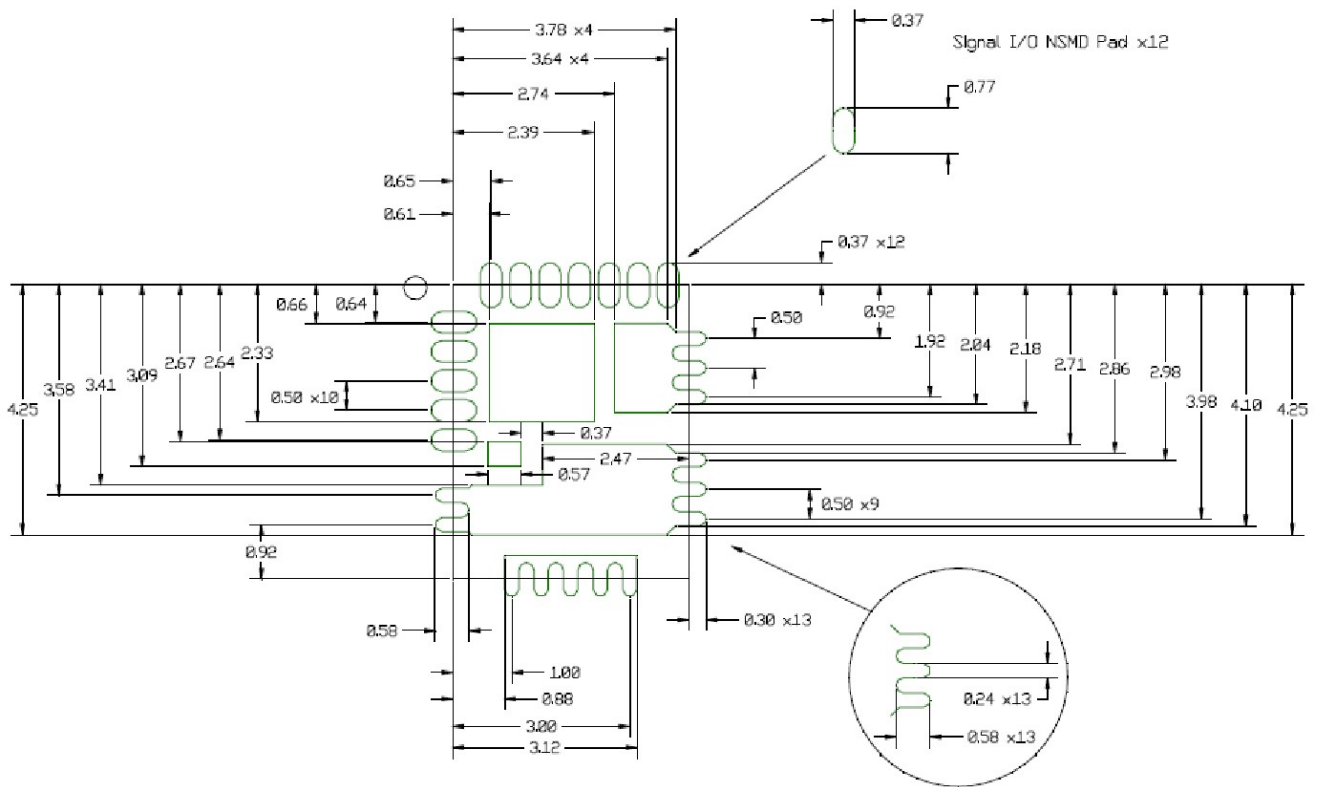
PCB COPPER

- NOTE 1 : LEAD LAND WIDTH SHOULD BE EQUAL TO NOMINAL PART LEAD WIDTH.
- NOTE 2 : MINIMUM LEAD SPACE TO SPACE SHOULD BE $\geq 0.2\text{mm}$ TO PREVENT SHORTING.
- NOTE 3 : LEAD LAND LENGTH SHOULD BE EQUAL TO MAXIMUM PART LEAD LENGTH $+0.15 -0.3\text{mm}$ OUTBOARD EXTENSION AND 0 TO $+0.05\text{mm}$ INBOARD EXTENSION.
THE OUTBOARD EXTENSION ENSURES A LARGE AND VISIBLE TOE FILLET AND THE INBOARD EXTENSION WILL ACCOMODATE ANY PART MISALIGNMENT AND ENSURE A FILLET.
- NOTE 4 : CENTER PAD LAND LENGTH AND WIDTH SHOULD BE EQUAL TO MAXIMUM PART PAD LENGTH AND WIDTH. BUT, MIN 0.2mm SPACE AMONG PADS SHOULD BE KEPT TO PREVENT SHORTING.
- NOTE 5 : ONLY $0.15-0.3\text{mm}$ DIAMETER VIA SHALL BE PLACED IN THE AREA OF THE POWER PAD LANDS AND CONNECTED TO POWER PLANES TO MINIMIZE THE NOISE EFFECT ON THE IC AND TO IMPROVE THERMAL PERFORMANCE.

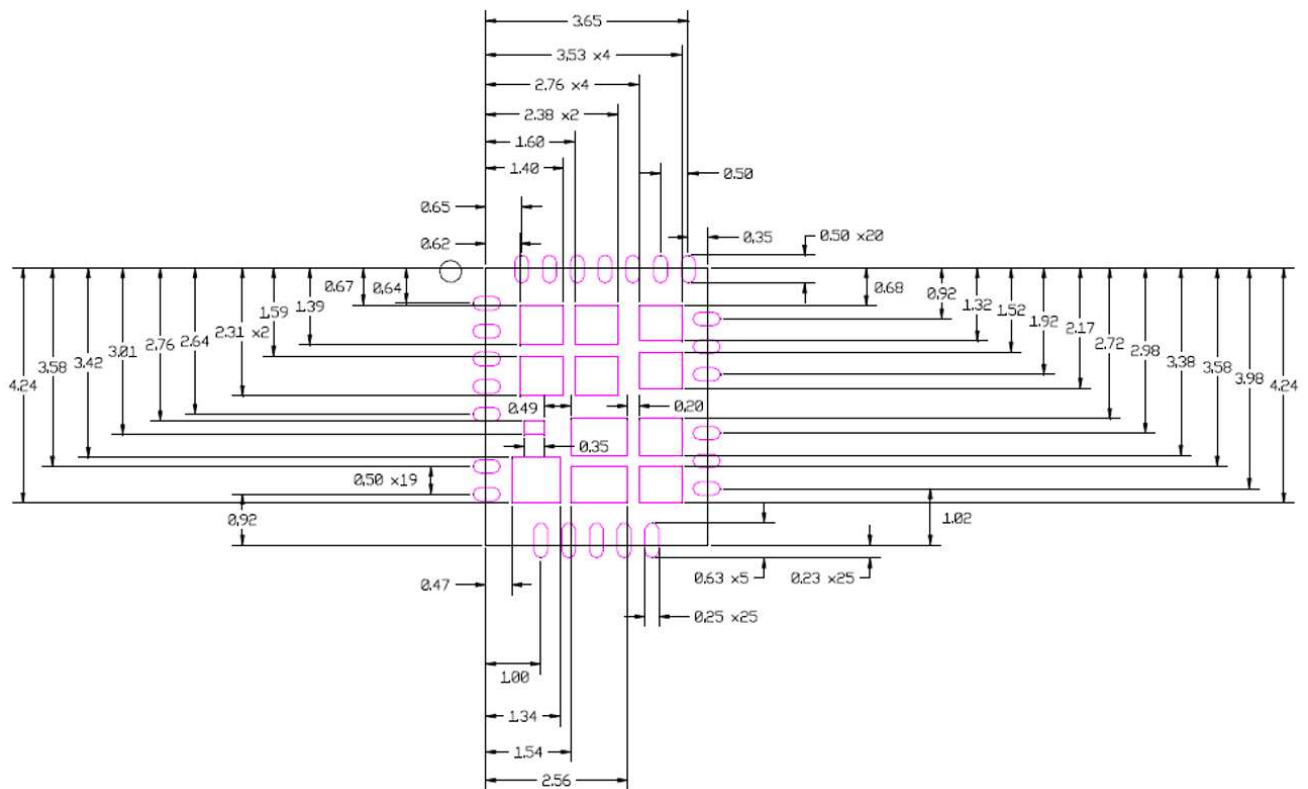
	EXAR CORPORATION		
	27LD 5x4x1.0mm QFN Cu Clip Package Outline Drawing		
Packaging Approval:		Drawing No.: POD-00000085	Sheet 2 OF 3
By: YG Eom	Date: FEB.01.2018	Revision: B.1	

Revision History


REV.	Description	Date	APP'D
B	CORRECT TYPO ON LAND PATTERN DESIGN	FEB/15/2017	ECN 1717-33 04/28/2017 jh
B.1	CHANGE FORMAT TO MAXLINEAR	FEB/01/2018	



PCB SOLDER MASK



TYPICAL RECOMMENDED STENCIL DESIGN

		EXAR CORPORATION	
		27LD 5x4x1.0mm QFN Cu Clip Package Outline Drawing	
Packaging Approval:		Drawing No.: POD-0000085	
By: YG Eom	Date: FEB.01.2018	Revision: B.1	Sheet 3 OF 3