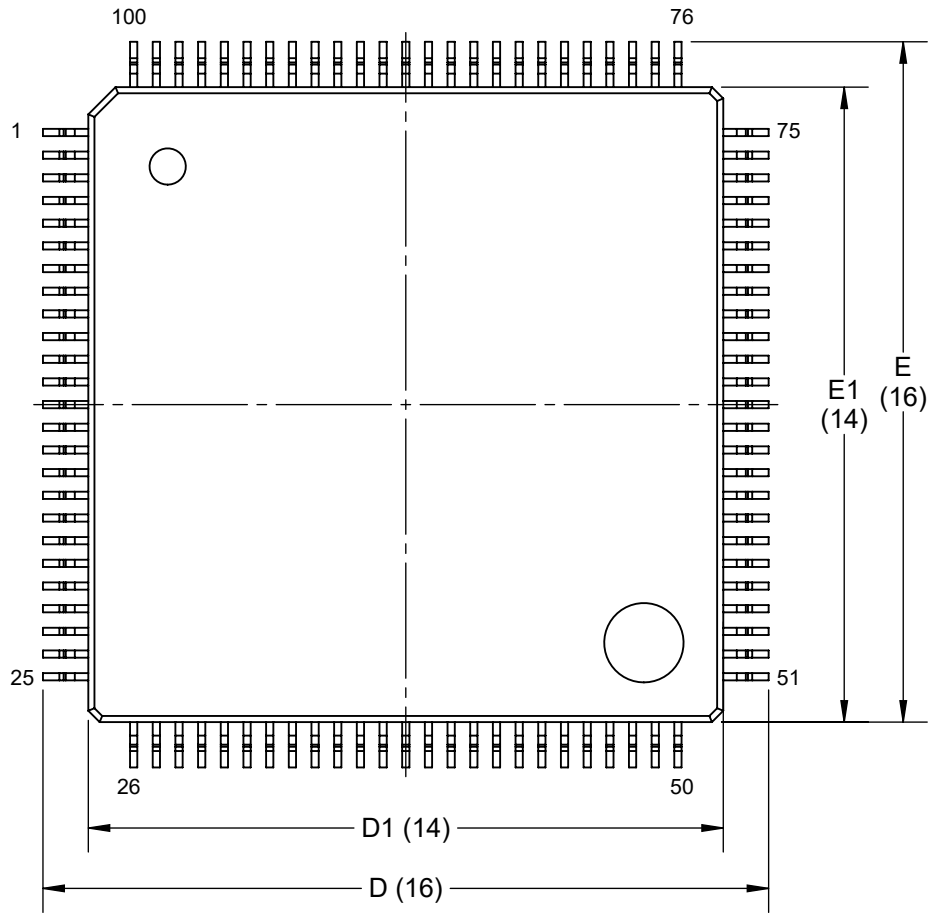
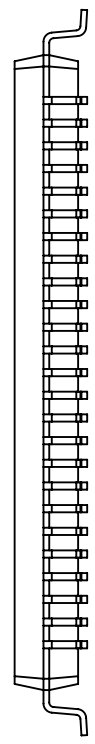


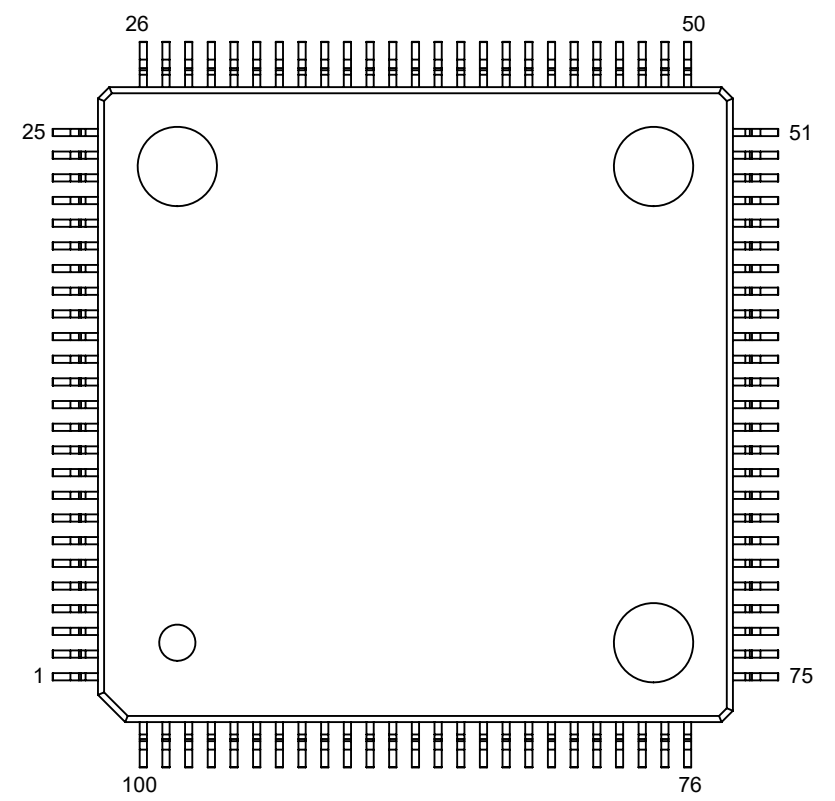
TOP VIEW



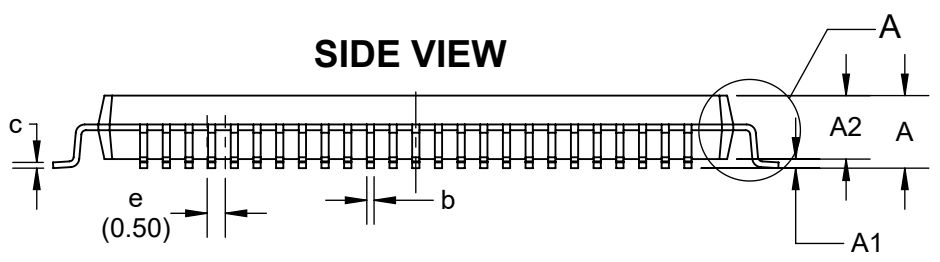
SIDE



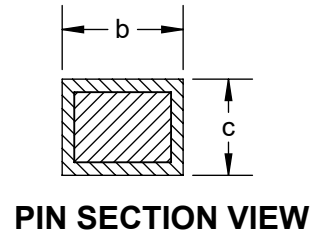
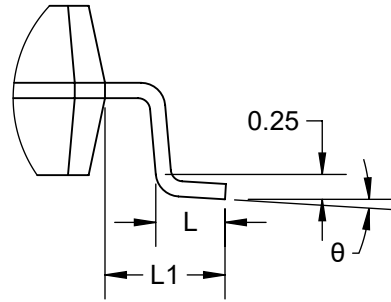
BOTTOM VIEW



SIDE VIEW



DETAIL A



- Notes: (Unless Otherwise Specified).
 1) DIMENSIONS mm.
 2) BODY PLASTIC, SEMICONDUCTOR GRADE.
 3) LEAD FRAME COPPER. C-7025 OR C-194.

APPROVALS	DATE	TopLine®			
DRAWN T. Au	7/10/2024				
ENG M. Hart	7/10/2024	TITLE LQFP 100L 14x14 P0.5mm LOW QUAD FLAT PACK			
MFG		SCALE	SIZE	DRAWING NO.	REV
QA		6:1	A	183100	A
CUST		DO NOT SCALE DRAWING			SHEET 1 OF 6
REVISED					

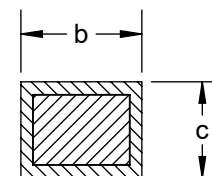
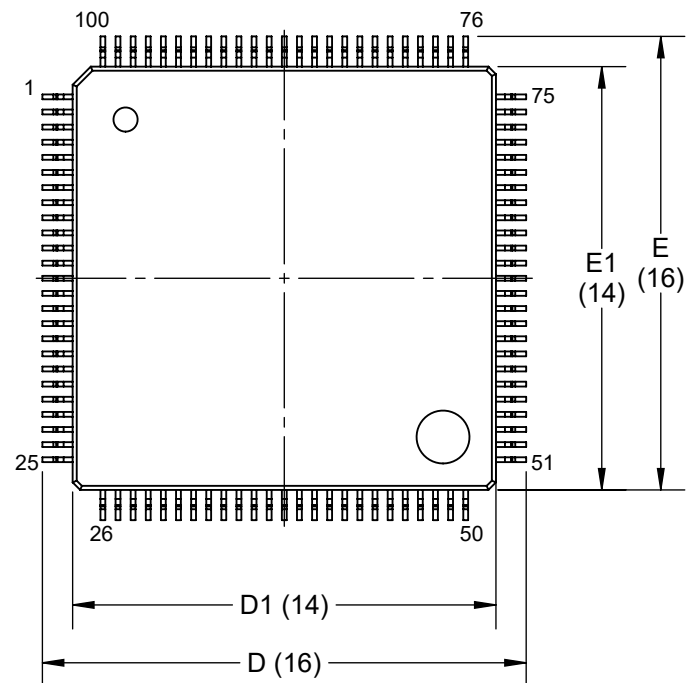
TQFP 1.0mm THICK

SYMBOL	MILLIMETER (mm)		
	MIN	NOM	MAX
A	-	-	1.20
A1	0.05	-	0.20
A2	0.95	1.00	1.05
b	0.13	0.16	0.23
c	0.09	0.127	0.16
D	14.00 BSC		
D1	16.00 BSC		
E	14.00 BSC		
E1	16.00 BSC		
e	0.50 BSC		
L	0.45	0.58	0.75
L1	1.00 REF		
θ	0	3.5°	7°

LQFP 1.4mm THICK

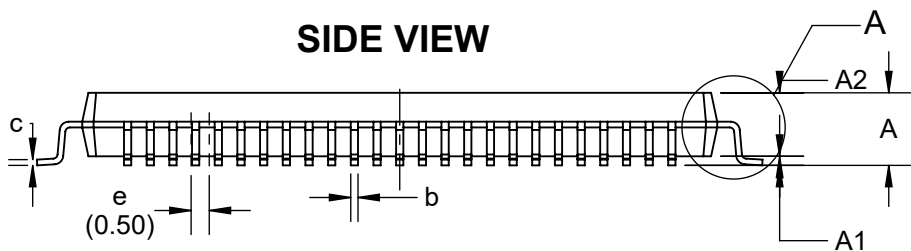
SYMBOL	MILLIMETER (mm)		
	MIN	NOM	MAX
A	-	-	1.60
A1	0.05	-	0.20
A2	1.35	1.40	1.45
b	0.13	0.16	0.23
c	0.09	0.127	0.16
D	14.00 BSC		
D1	16.00 BSC		
E	14.00 BSC		
E1	16.00 BSC		
e	0.50 BSC		
L	0.45	0.58	0.75
L1	1.00 REF		
θ	0	3.5°	7°

TOP VIEW

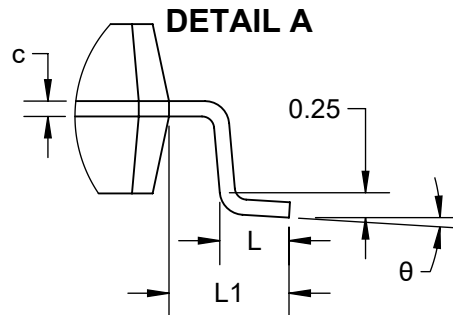


PIN SECTION VIEW

SIDE VIEW



DETAIL A



TopLine®

TITLE LQFP 100L 14x14 P0.5mm
LOW QUAD FLAT PACK

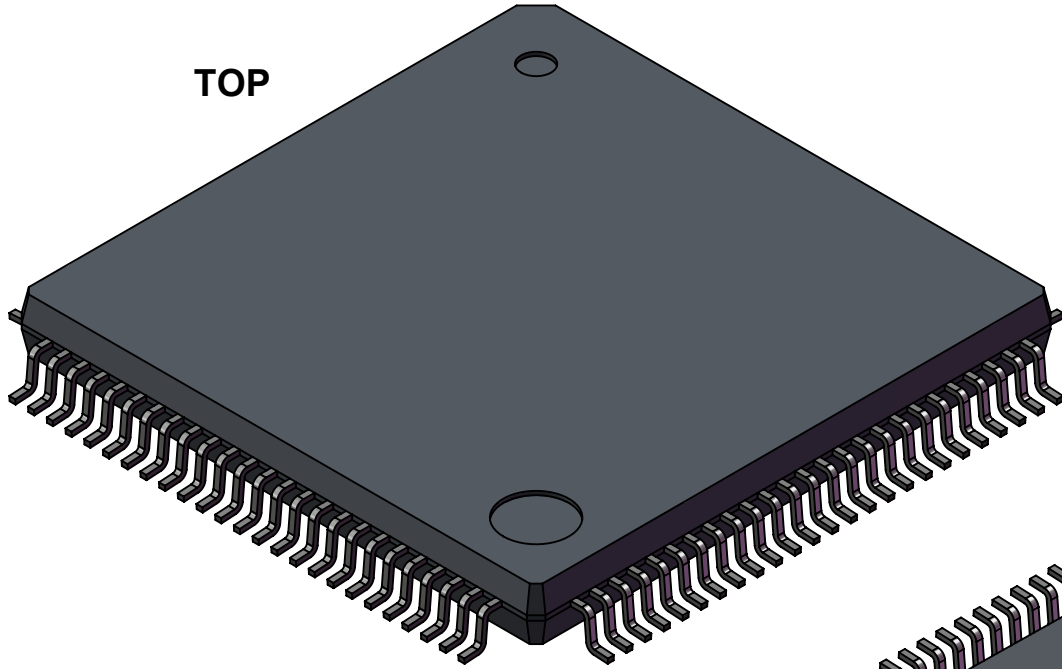
SCALE NONE	SIZE A	DRAWING NO. 183100	REV A
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DO NOT SCALE DRAWING

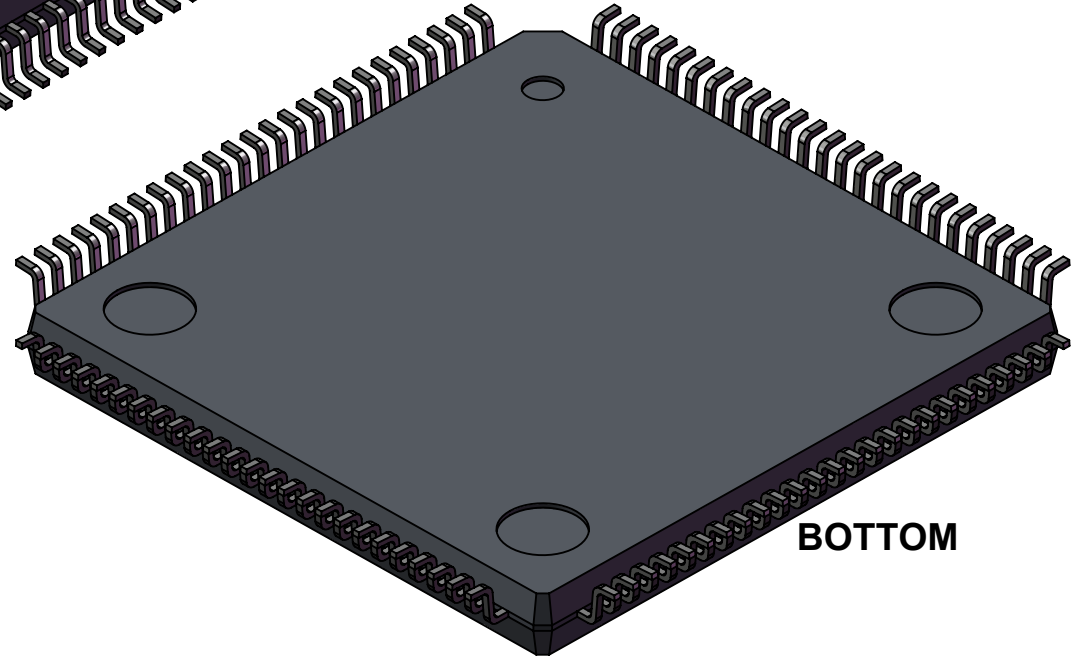
SHEET 2 OF 6

MODEL

TOP



BOTTOM



TopLine®

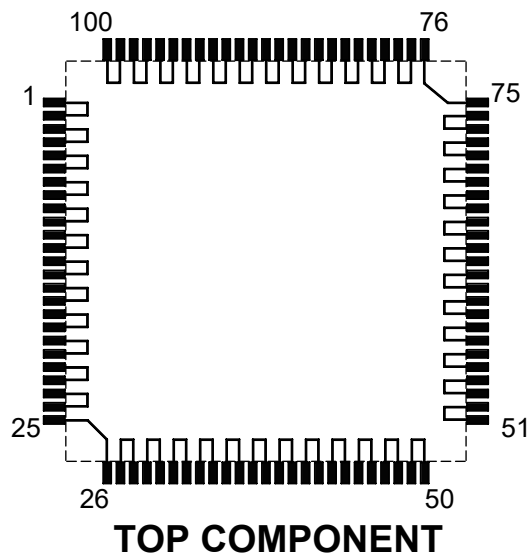
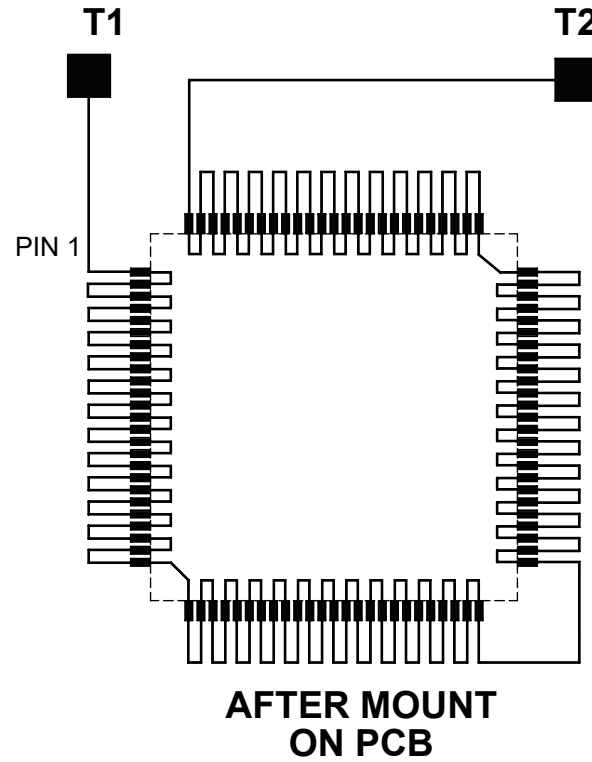
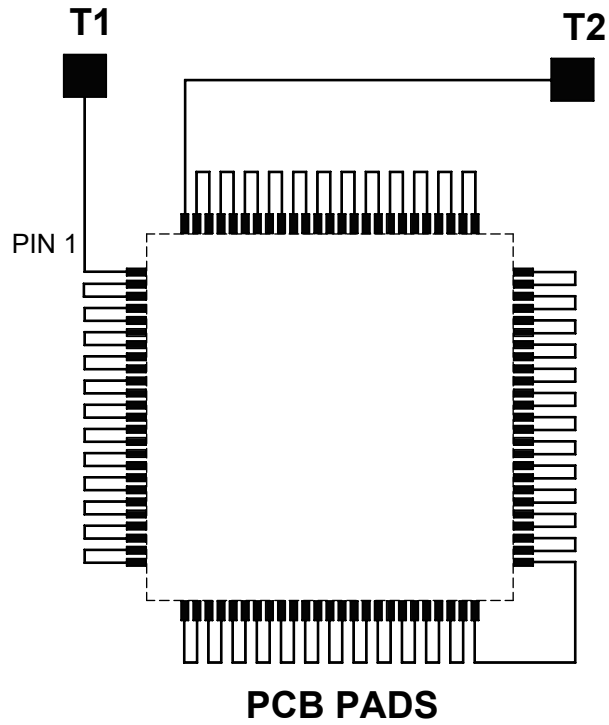
TITLE LQFP 100L 14x14 P0.5mm
LOW QUAD FLAT PACK

SCALE 7:1	SIZE A	DRAWING NO. 183100	REV A
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DO NOT SCALE DRAWING

SHEET 3 OF 6

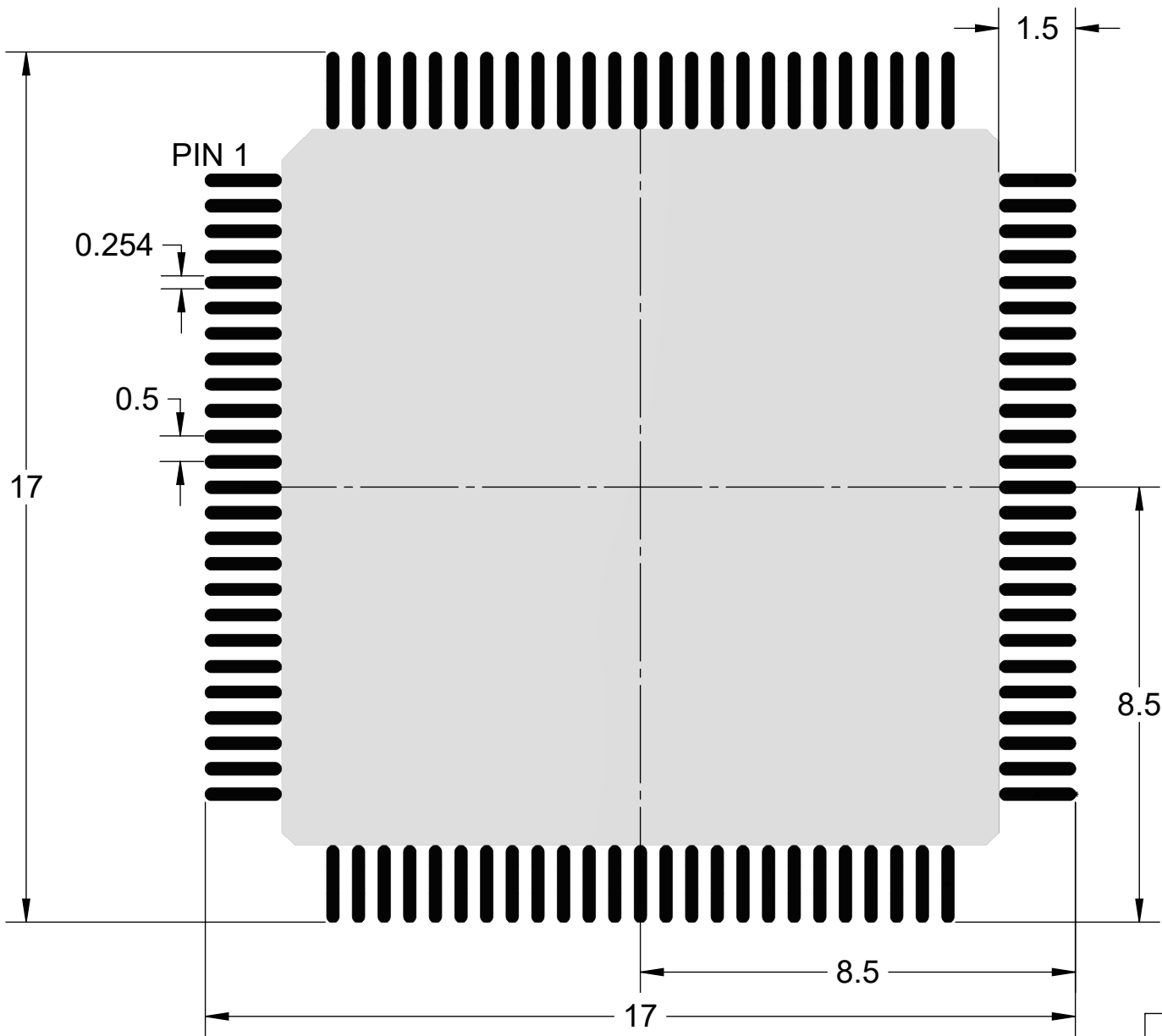
DAISY CHAIN OPTIONAL



DAISY CHAIN NET LIST			
PINS		PINS	PINS
1 ~ 2	27 ~ 28	53 ~ 54	79 ~ 80
3 ~ 4	29 ~ 30	55 ~ 56	81 ~ 82
5 ~ 6	31 ~ 32	57 ~ 58	83 ~ 84
7 ~ 8	33 ~ 34	59 ~ 60	85 ~ 86
9 ~ 10	35 ~ 36	61 ~ 62	87 ~ 88
11 ~ 12	37 ~ 38	63 ~ 64	89 ~ 90
13 ~ 14	39 ~ 40	65 ~ 66	91 ~ 92
15 ~ 16	41 ~ 42	67 ~ 68	93 ~ 94
17 ~ 18	43 ~ 44	69 ~ 70	95 ~ 96
19 ~ 20	45 ~ 46	71 ~ 72	97 ~ 98
21 ~ 22	47 ~ 48	73 ~ 74	99 ~ 100
23 ~ 24	49 ~ 50	75 ~ 76	
25 ~ 26	51 ~ 52	77 ~ 78	

TopLine®			
TITLE LQFP 100L 14x14 P0.5mm LOW QUAD FLAT PACK			
SCALE NONE	SIZE A	DRAWING NO. 183100	REV A
DO NOT SCALE DRAWING			SHEET 4 OF 6

LQFP100 PCB LAND PATTERN

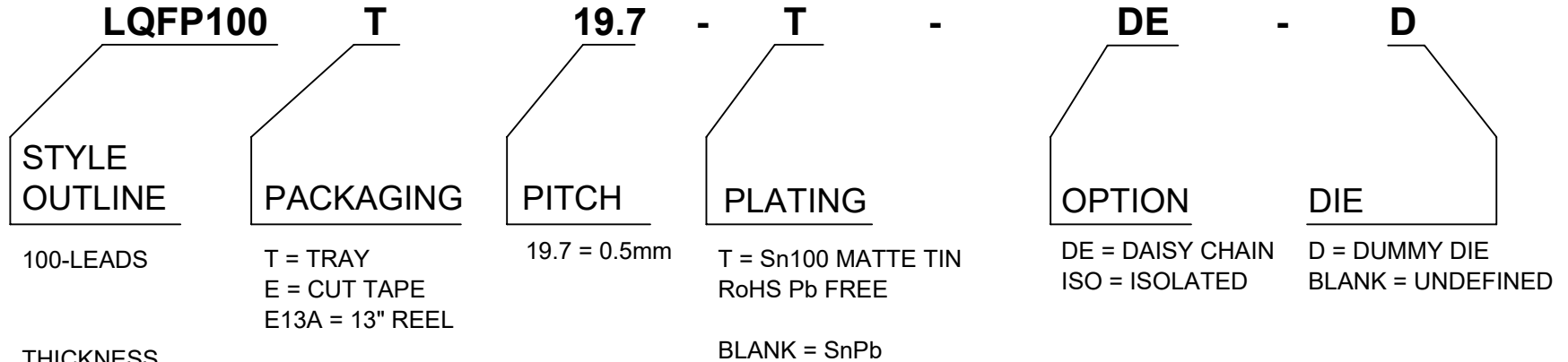


NOTES:

1. DIMENSIONS mm
2. PCB BOARD DIMENSIONS ARE PRESENTED ONLY AS A GUIDELINE. DESIGNERS SHOULD USE THEIR OWN EXPERIENCE WHEN DESIGNING PCB

TopLine®			
TITLE LQFP 100L 14x14 P0.5mm LOW QUAD FLAT PACK			
SCALE NONE	SIZE A	DRAWING NO. 183100	REV A
DO NOT SCALE DRAWING			SHEET 5 OF 6

PART NUMBERING SYSTEM



THICKNESS
 TQFP = 1.0mm THICK
 LQFP = 1.4mm THICK

FOOTPRINT 2.0mm

PART NUMBER	DAISY CHAIN	PACKAGING	RoHS Pb-FREE	Plating	DUMMY DIE
LQFP100T19.7T-DE-D	YES	JEDEC TRAY	YES	Sn100	YES
LQFP100T19.7-T-ISO	ISOLATED	JEDEC TRAY	YES	Sn100	NO
LQFP100E19.7T-DE-D	YES	REEL	YES	Sn100	YES
LQFP100T19.7	NO	JEDEC TRAY	Sn85/Pb15	Sn100	YES

OTHER PART NUMBER COMBINATIONS AVAILABLE. CONTACT TOPLINE.

TopLine®			
TITLE LQFP 100L 14x14 P0.5mm LOW QUAD FLAT PACK			
SCALE NONE	SIZE A	DRAWING NO. 183100	REV A
DO NOT SCALE DRAWING			SHEET 6 OF 6