

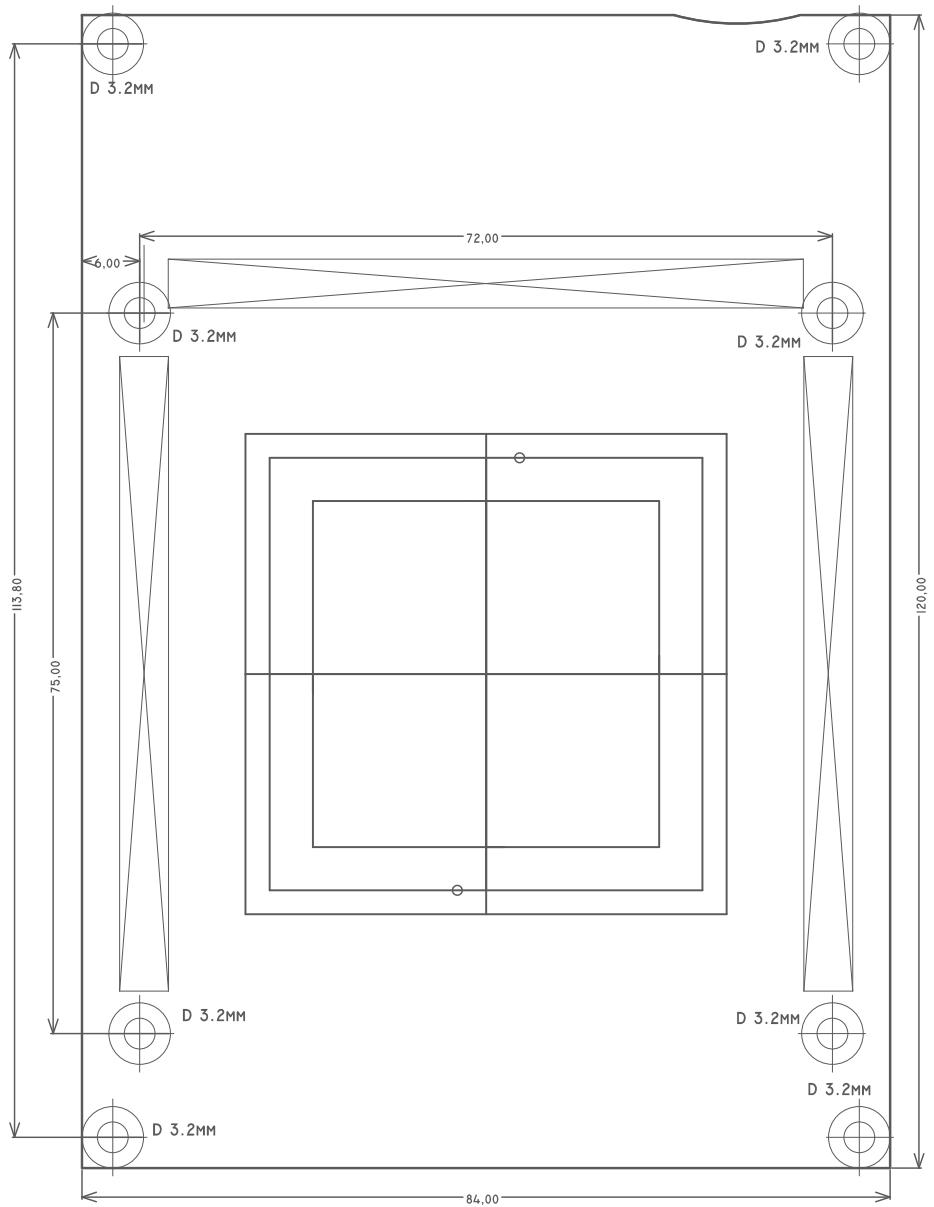
PCB NOTE

TENDING ALL HOLE VIAS 0.3MM.

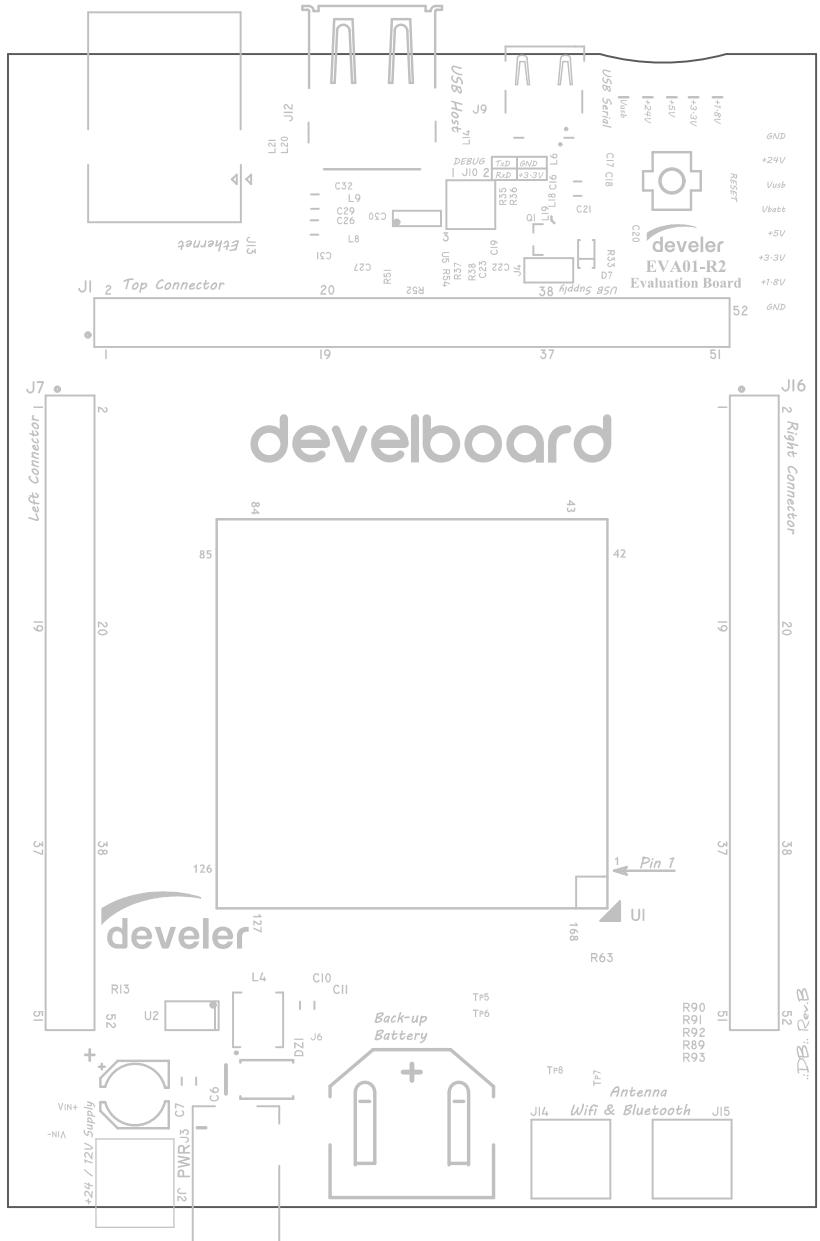
IMPEDANCE CONTROL:

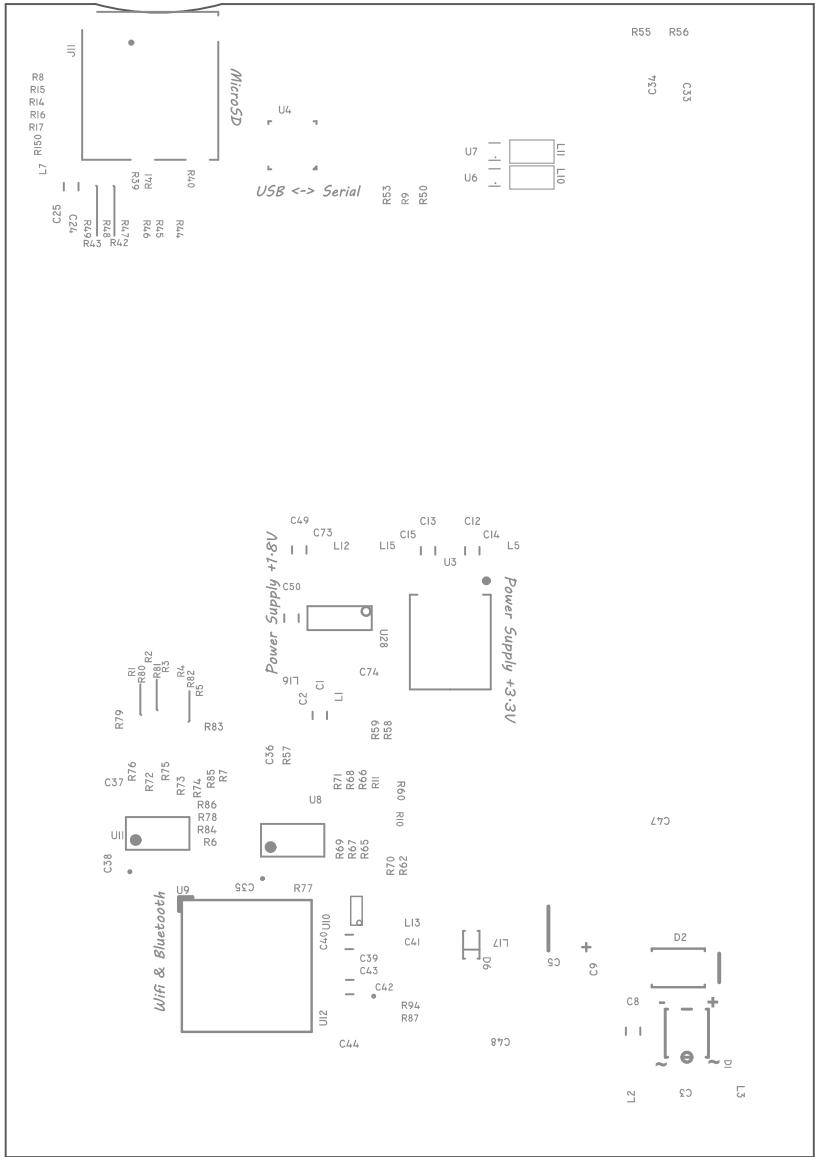
- ETHRX, ETHTX BOTTOM 100Ω +/-10% DIFFERENTIAL SIGNAL
- USBI, USB2, USB_OTG BOTTOM 90Ω +/-10% DIFFERENTIAL SIGNAL

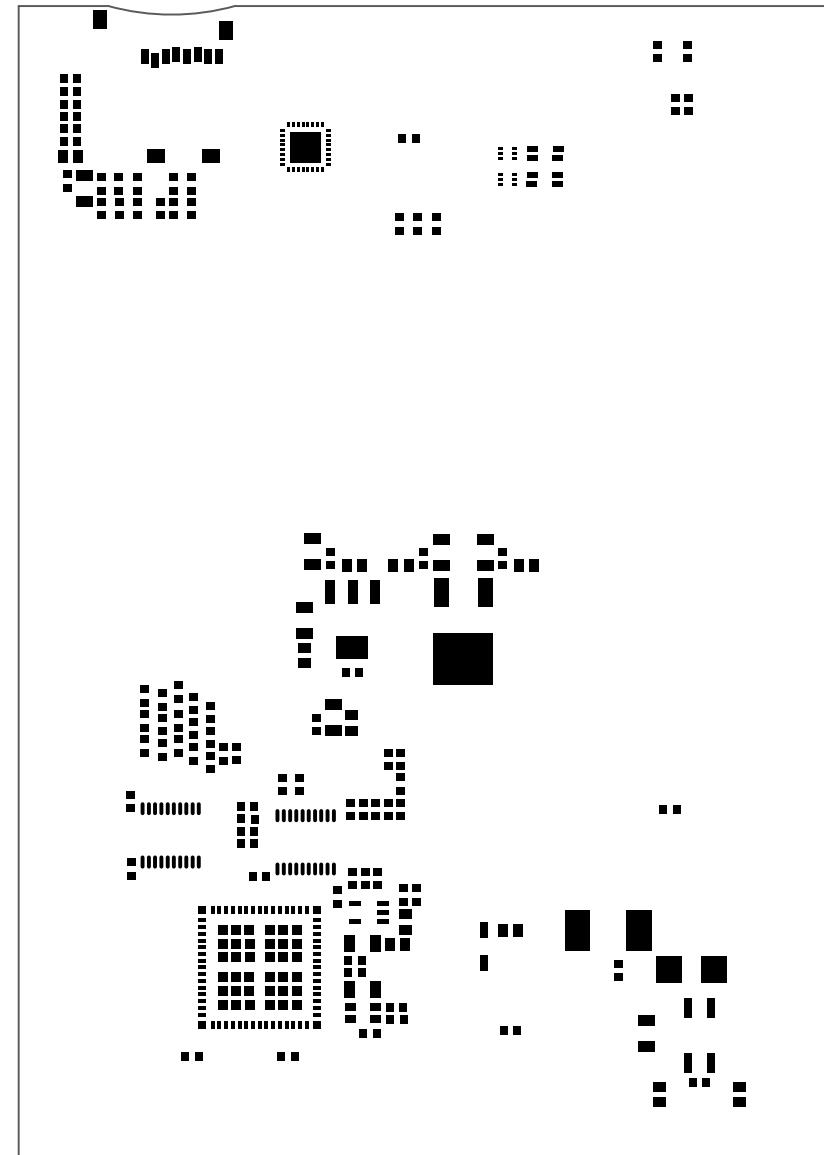
MECHANICAL CHARACTERISTICS

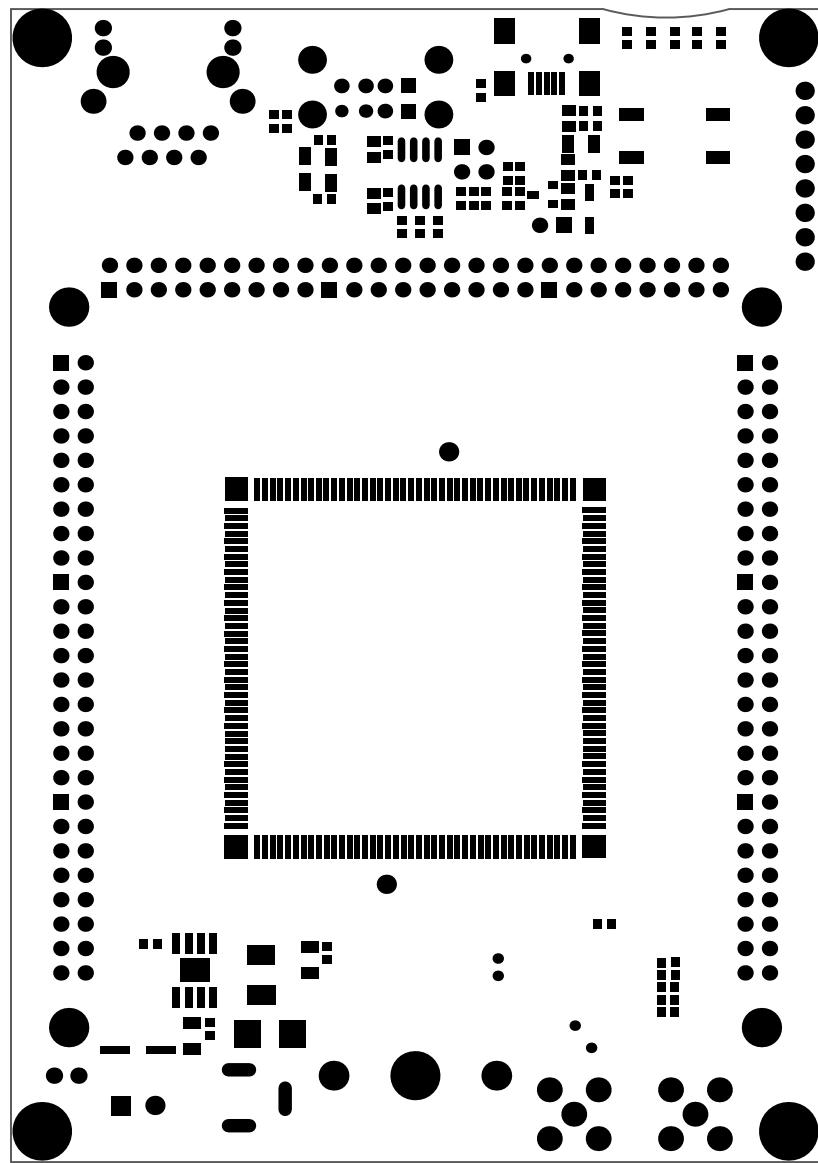


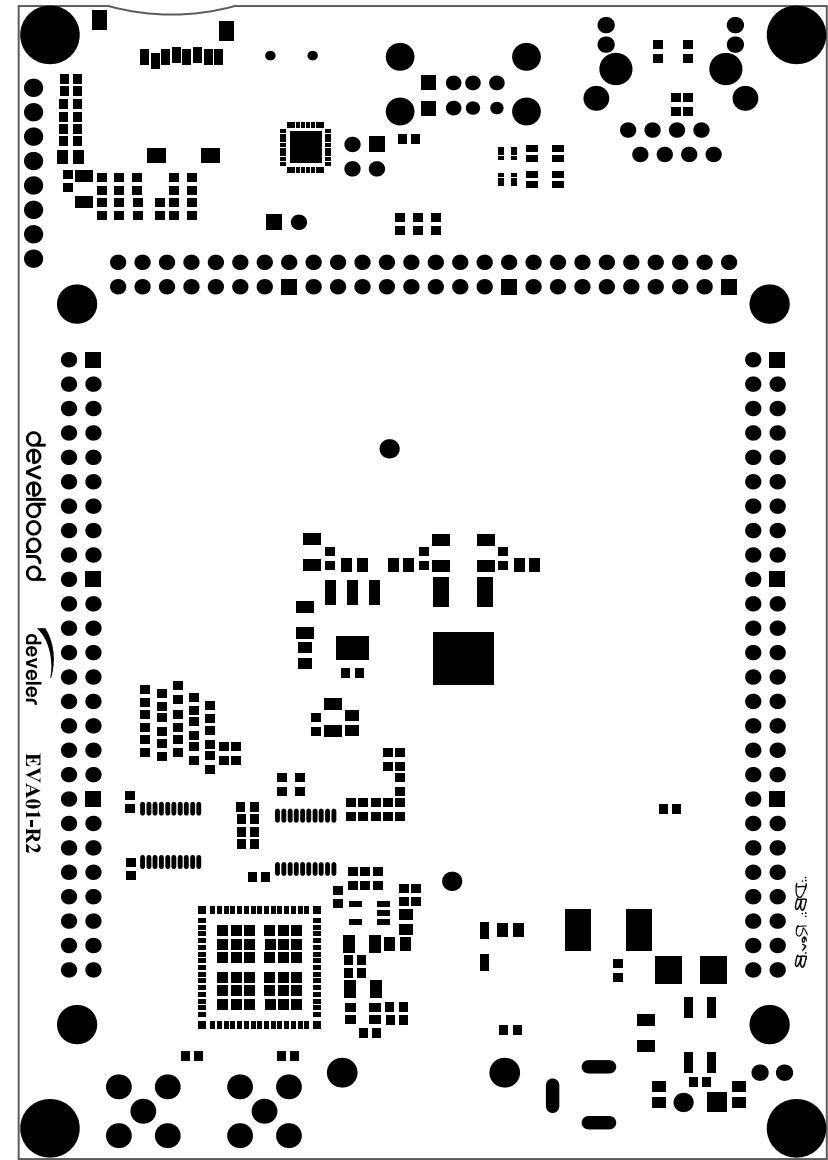
LAYER	NAME	MATERIAL	THICKNESS	CONSTANT	BOARD LAYER STACK
I	TOP OVERLAY				
2	TOP SOLDER	SOLDER RESIST	0,010MM	3,5	
3	TOP LAYER	COPPER	0,035MM		
4	DIELECTRIC1	2x7628	0,408MM	4,2	
5	INNER	COPPER	0,036MM		
6	DIELECTRIC2	FR-4	0,710MM	4,2	
7	GND	COPPER	0,036MM		
8	DIELECTRIC3	2x7628	0,408MM	4,2	
9	BOTTOM LAYER	COPPER	0,035MM		
10	BOTTOM SOLDER	SOLDER RESIST	0,010MM	3,5	
II	BOTTOM OVERLAY				

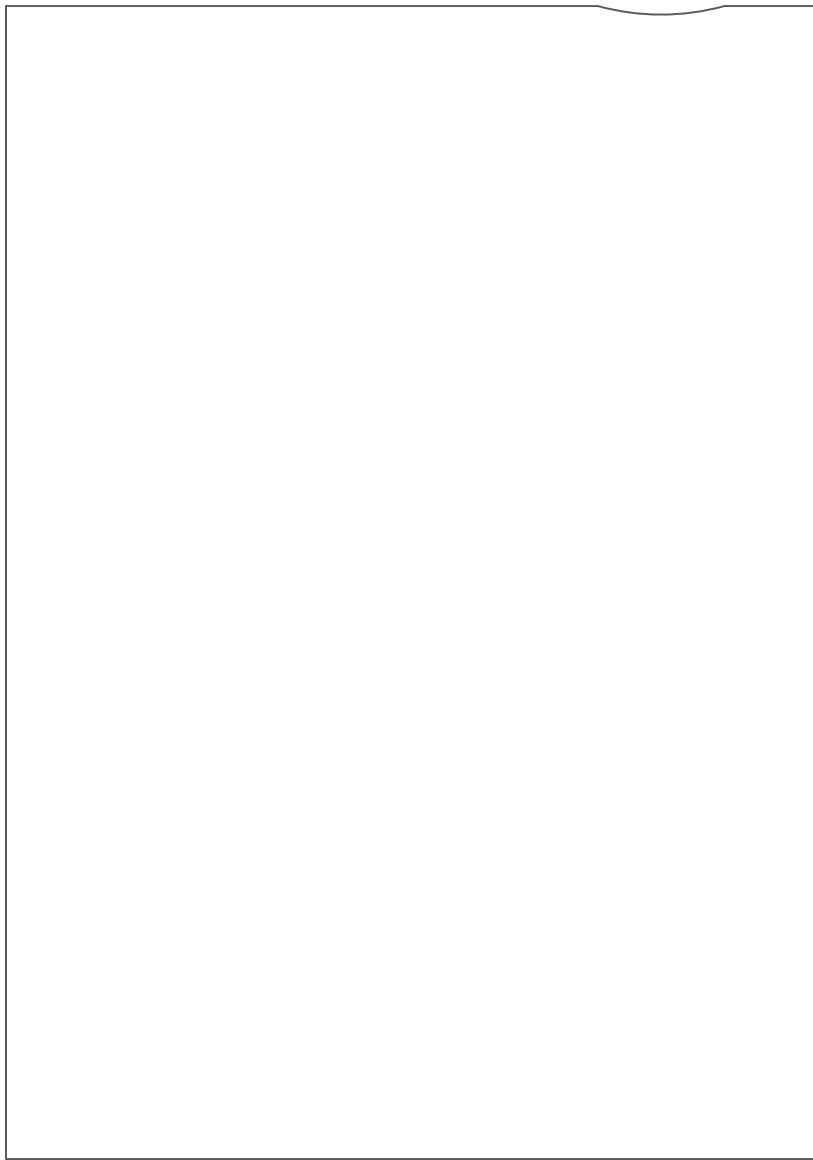




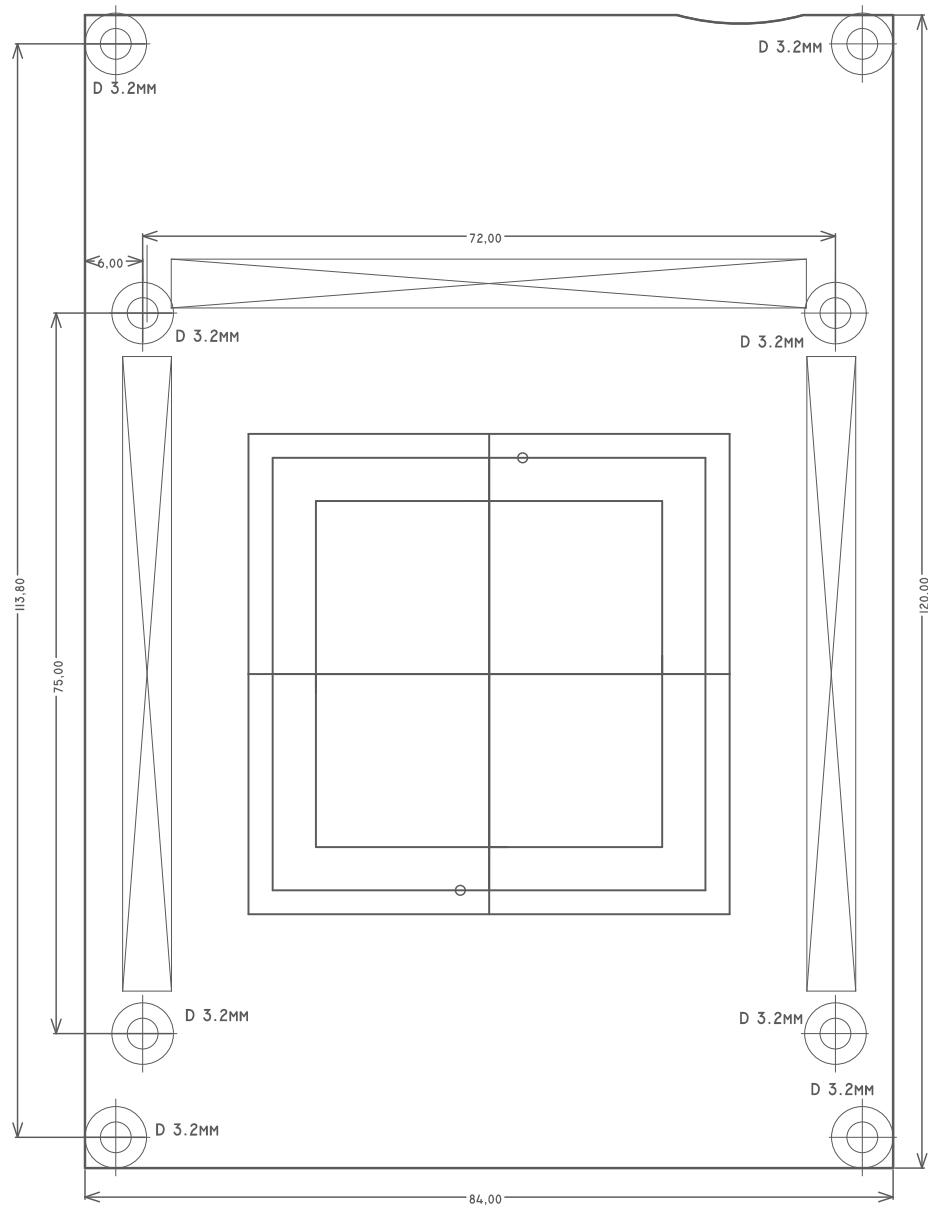




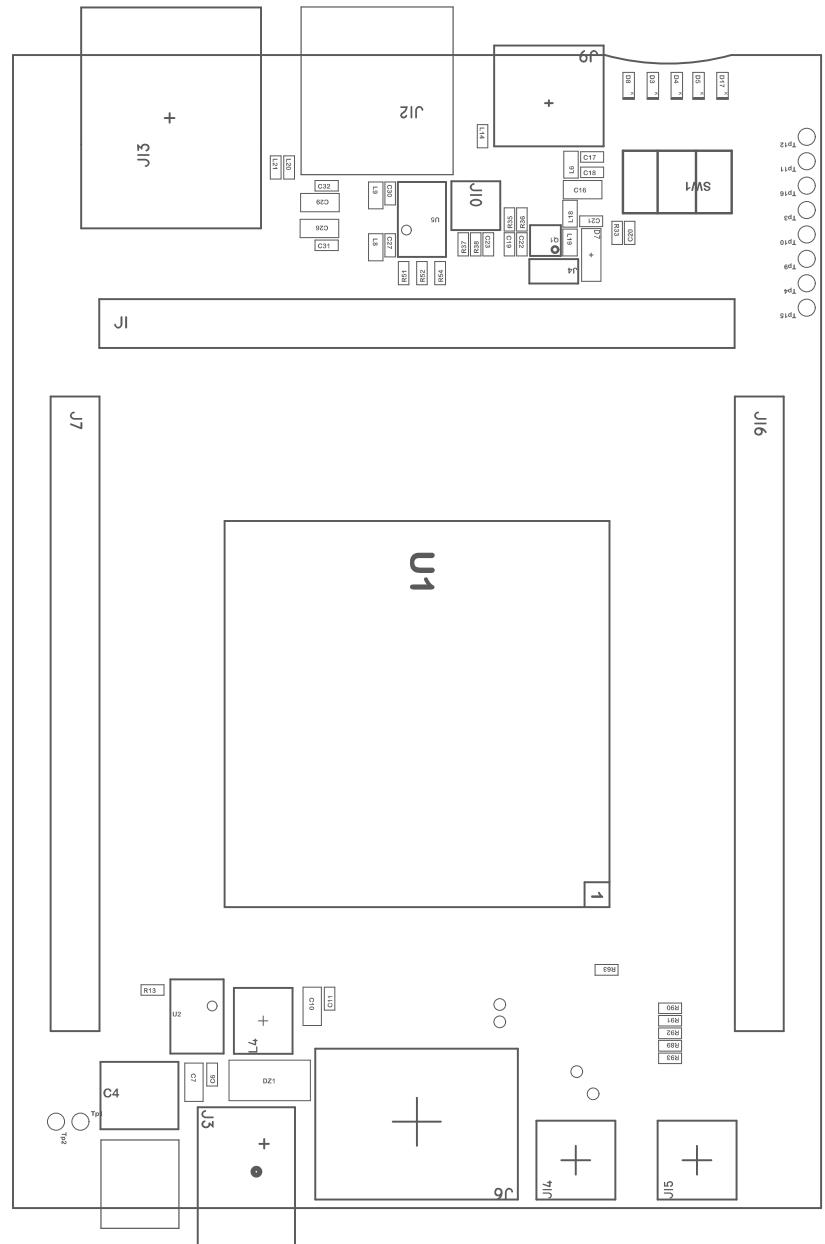




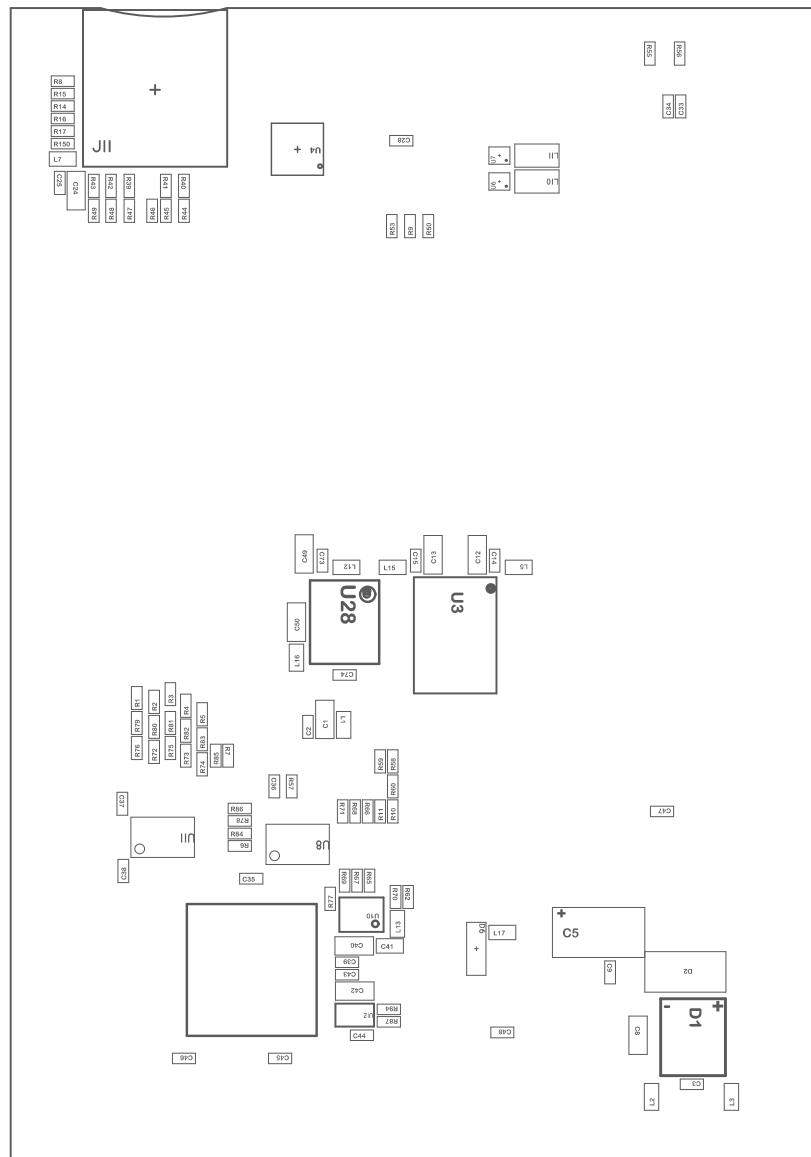
MECHANICAL CHARACTERISTICS



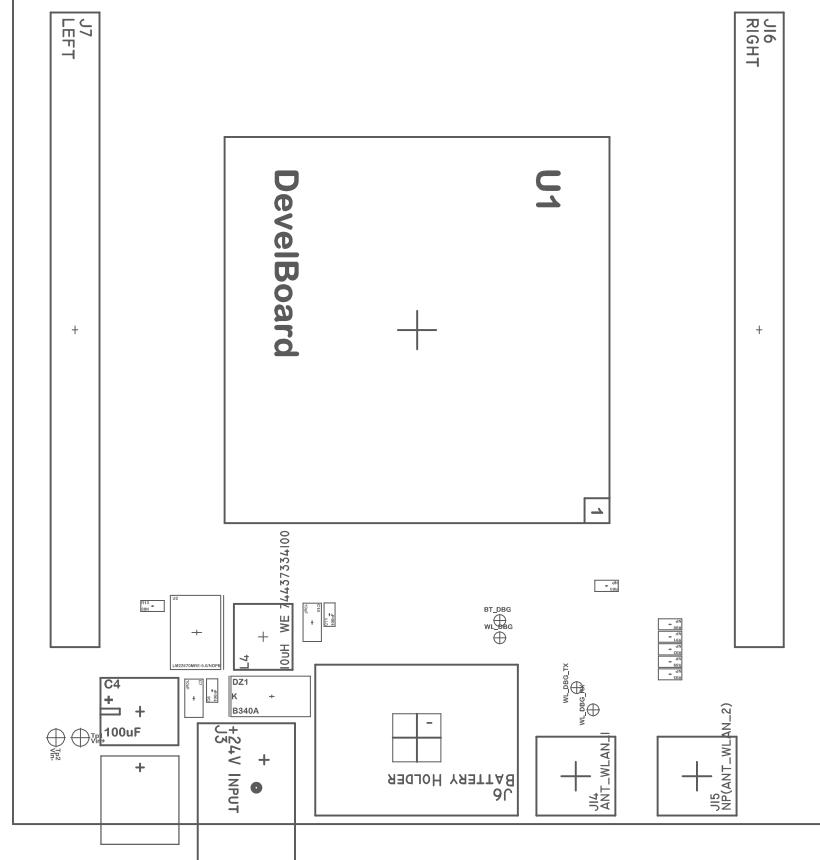
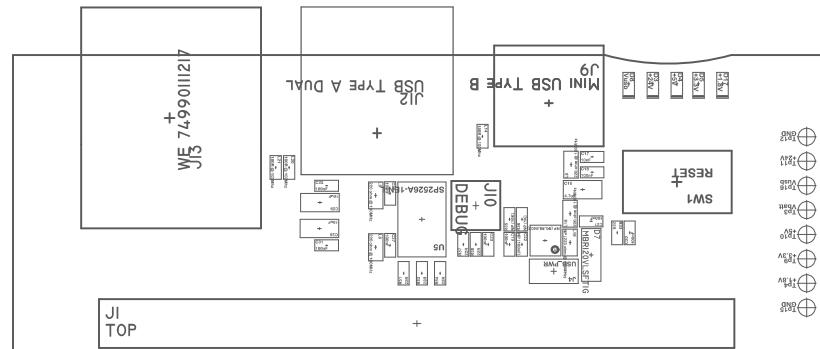
ASSEMBLY TOP



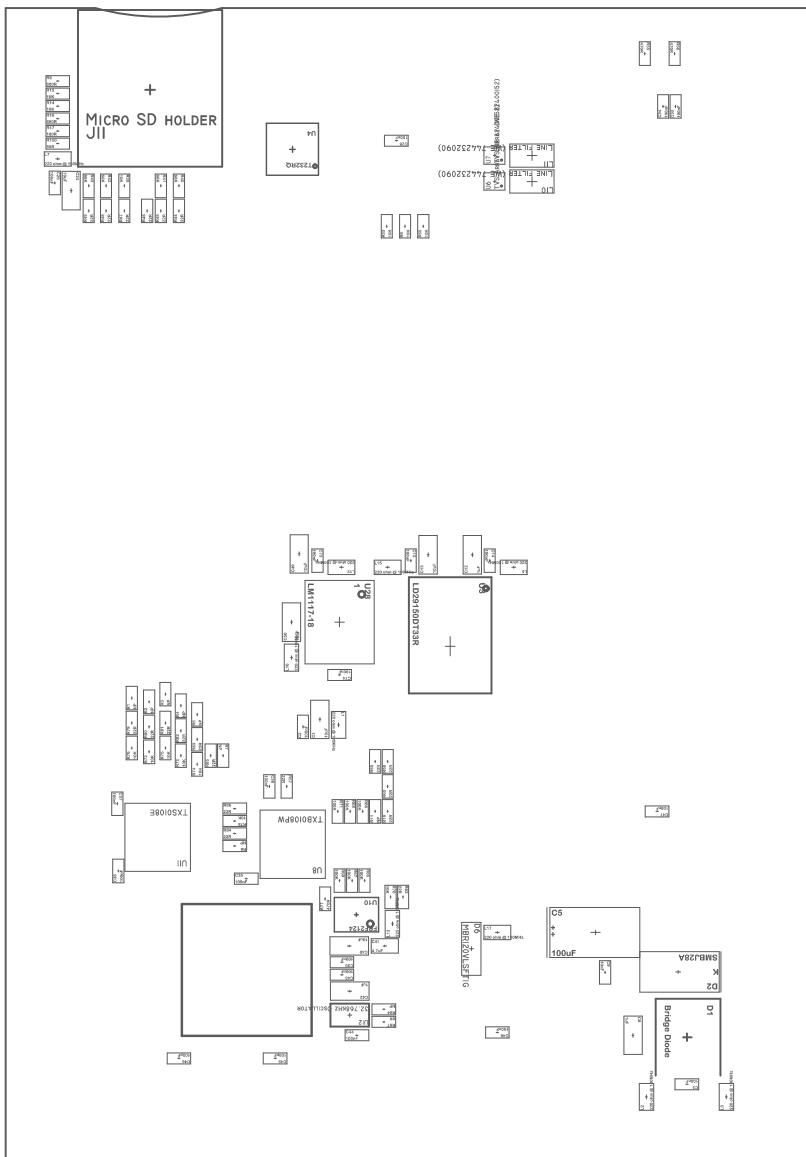
ASSEMBLY BOTTOM

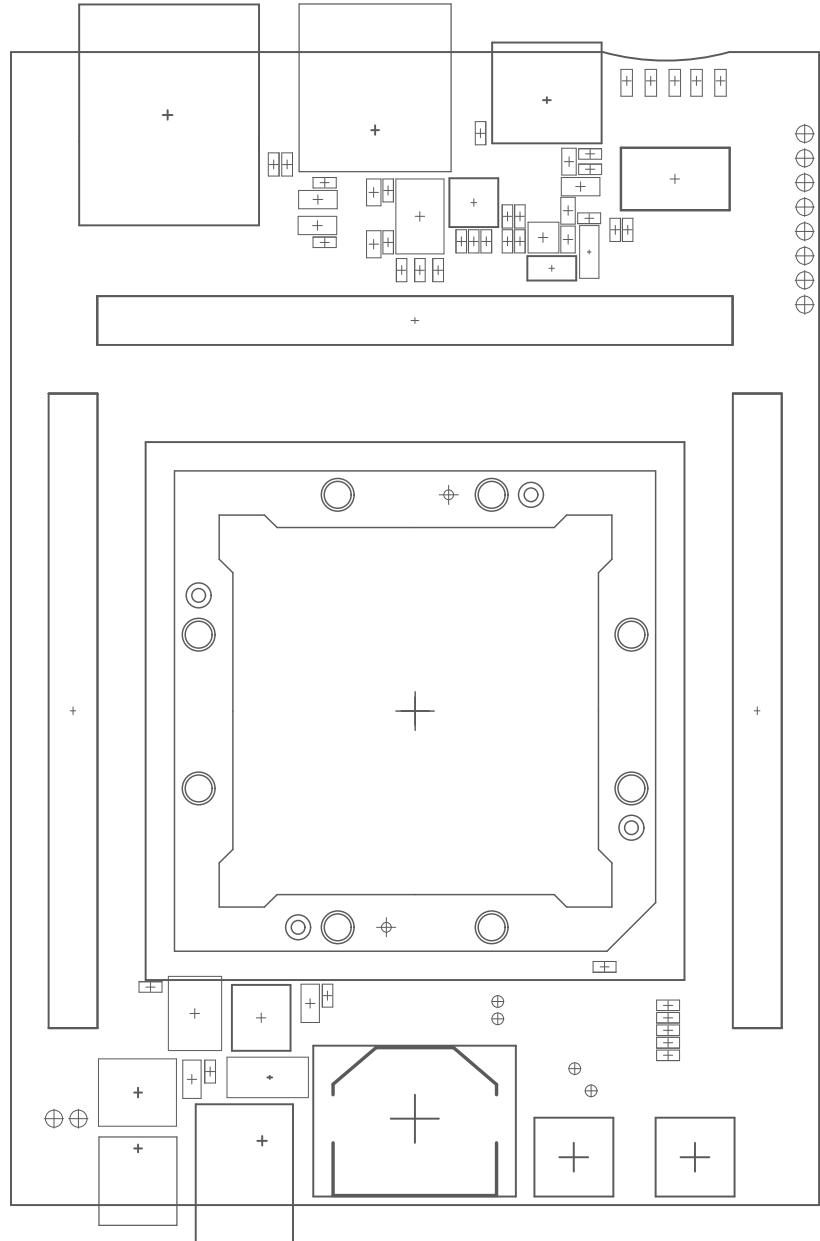


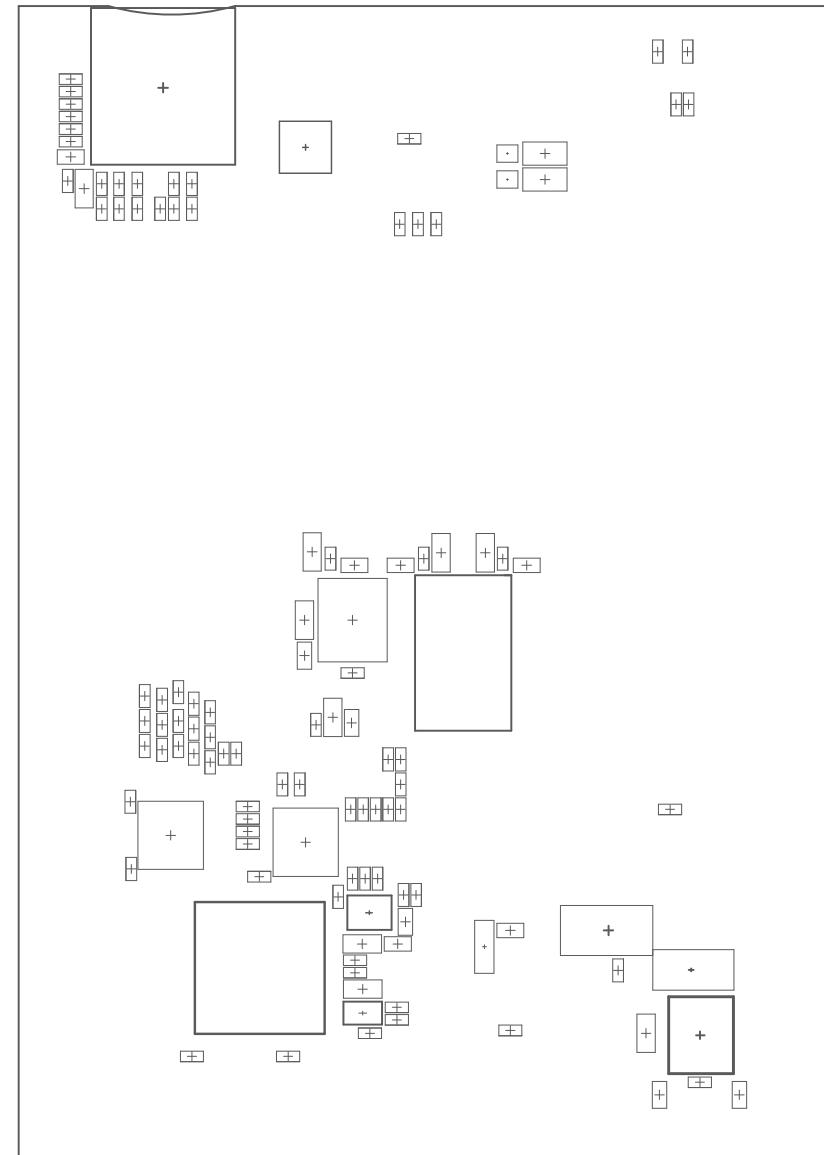
NOTE TOP

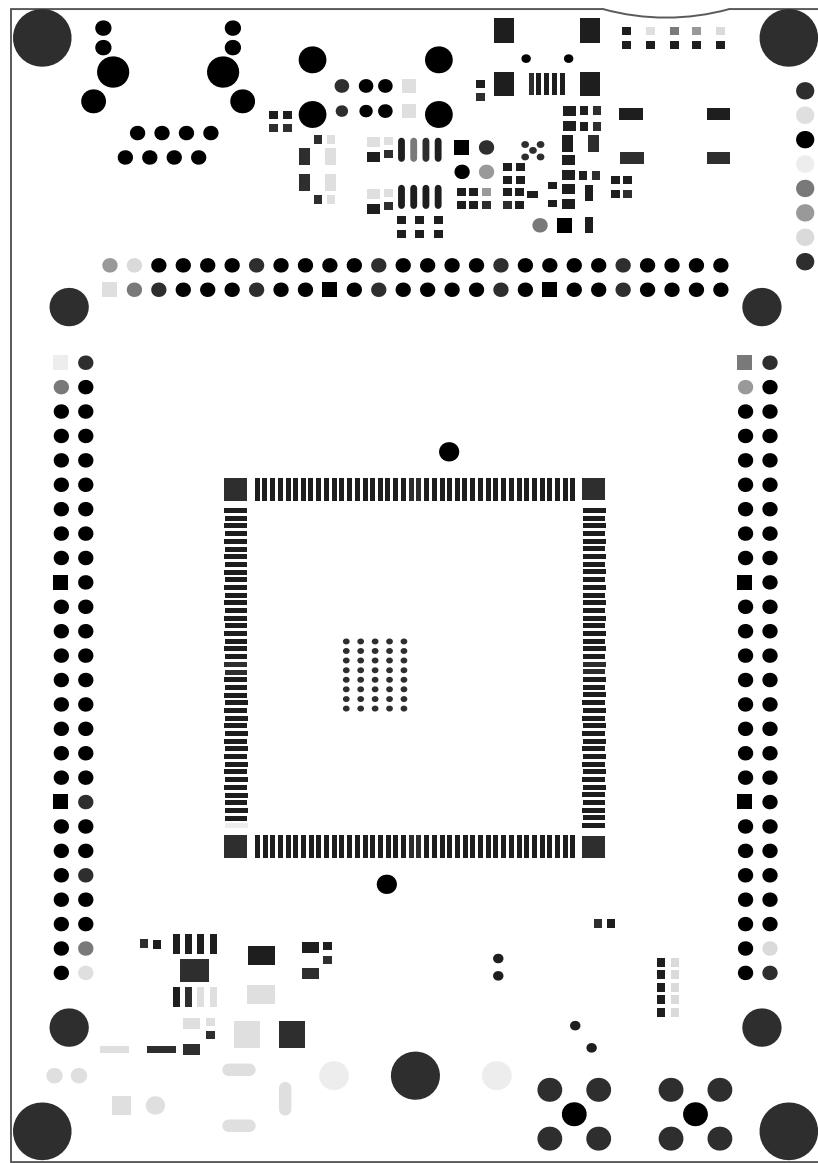


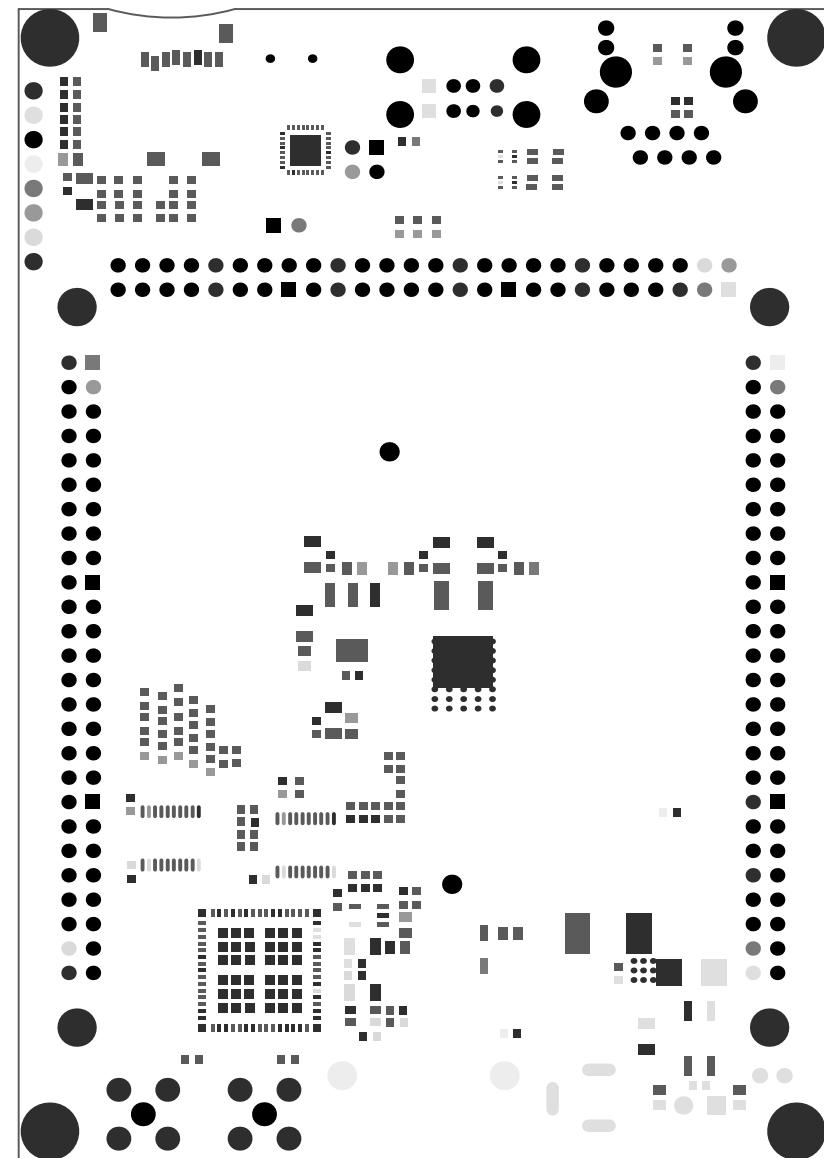
NOTE BOTTOM

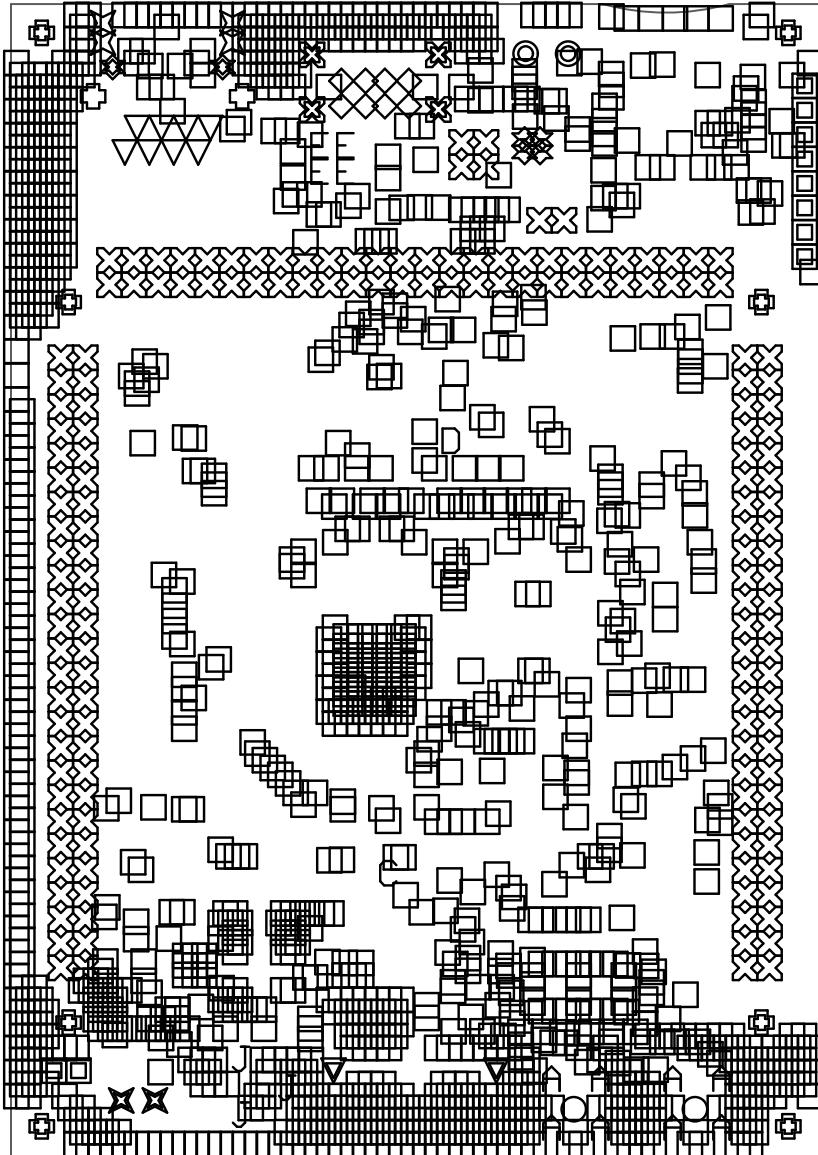












SYMBOL	HIT COUNT	FINISHED HOLE SIZE	PLATED	HOLE TYPE	PHYSICAL LENGTH
C	1	1,150MM (45.28MIL)	NPTH	ROUND	
D	1	1,150MM (45.28MIL)	PTH	ROUND	
●	2	0,900MM (35.43MIL)	NPTH	ROUND	
×	2	1,400MM (55.12MIL)	PTH	ROUND	
○	2	1,600MM (62.99MIL)	PTH	ROUND	
◆	2	1,630MM (64.17MIL)	PTH	ROUND	
▼	2	1,800MM (70.87MIL)	PTH	ROUND	
*	2	3,250MM (127.95MIL)	PTH	ROUND	
J	3	0,800MM (31.50MIL)	PTH	SLOT	3,000MM (118.11MIL)
E	4	0,250MM (9.84MIL)	PTH	ROUND	
×	4	1,020MM (40.16MIL)	PTH	ROUND	
✖	4	2,300MM (90.55MIL)	PTH	ROUND	
❖	5	0,350MM (13.78MIL)	PTH	ROUND	
▽	8	0,890MM (35.04MIL)	PTH	ROUND	
◊	8	0,920MM (36.22MIL)	PTH	ROUND	
▲	8	1,700MM (66.93MIL)	PTH	ROUND	
●	8	3,200MM (125.98MIL)	PTH	ROUND	
■	10	0,950MM (37.40MIL)	PTH	ROUND	
✖	162	0,900MM (35.43MIL)	PTH	ROUND	
□	1221	0,300MM (11.81MIL)	PTH	ROUND	
1459 TOTAL					

SLOT DEFINITIONS : ROUT PATH LENGTH = CALCULATED FROM TOOL START CENTRE POSITION TO TOOL END CENTRE POSITION.
PHYSICAL LENGTH = ROUT PATH LENGTH + TOOL SIZE = SLOT LENGTH AS DEFINED IN THE PCB LAYOUT

