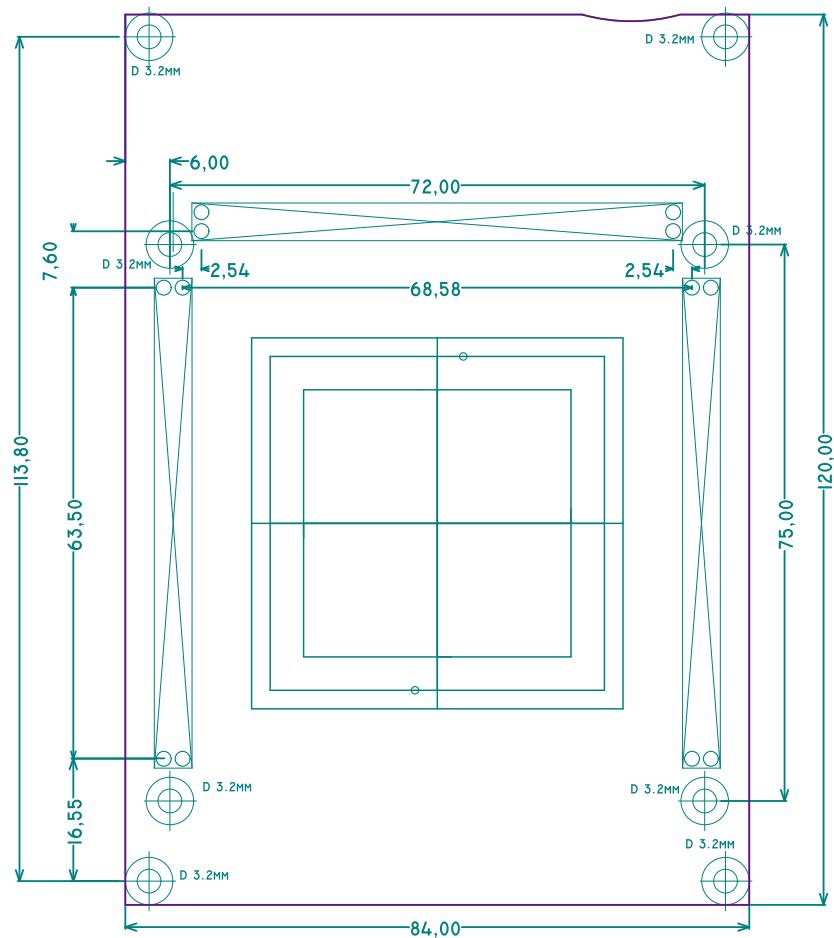


MECHANICAL CHARACTERISTICS



PCB NOTE

PLUGGED VIAS 0.3MM.

IMPEDANCE CONTROL:

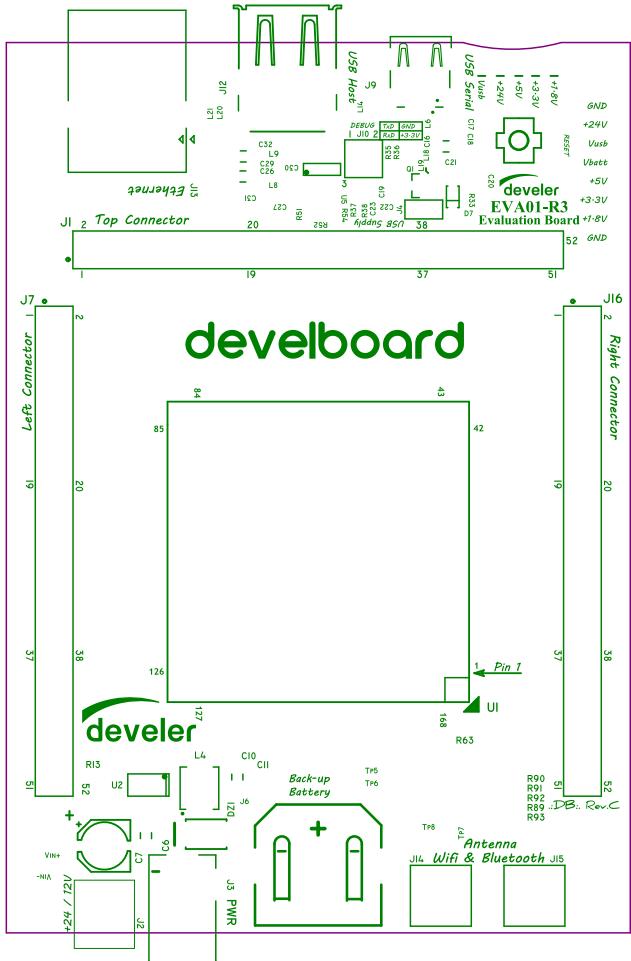
- ETHR_X, EHTH_X BOTTOM 100ΩHM +/-10% DIFFERENTIAL SIGNAL
- USBI, USB2, USB_OTG BOTTOM 90ΩHM +/-10% DIFFERENTIAL SIGNAL

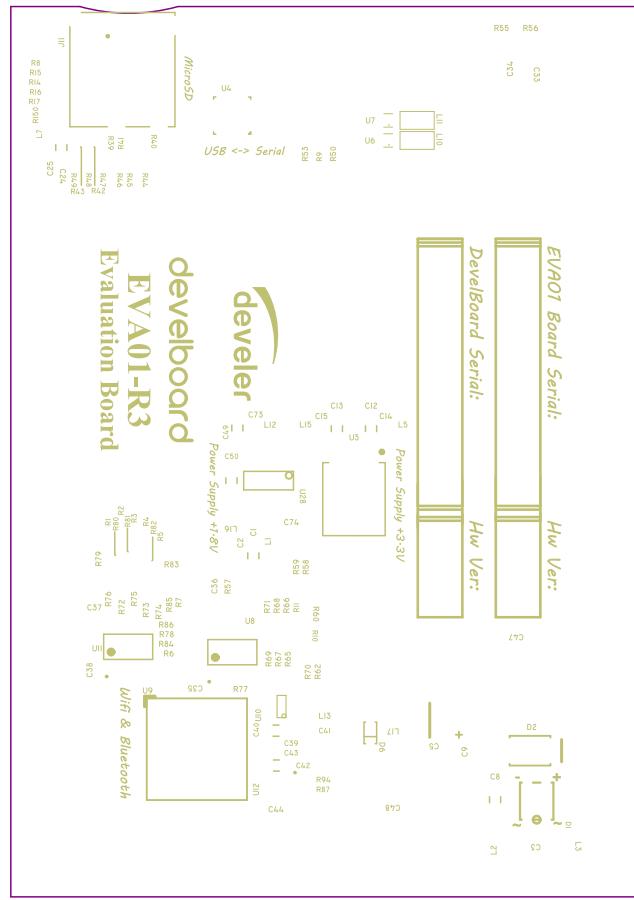
File Layer names:

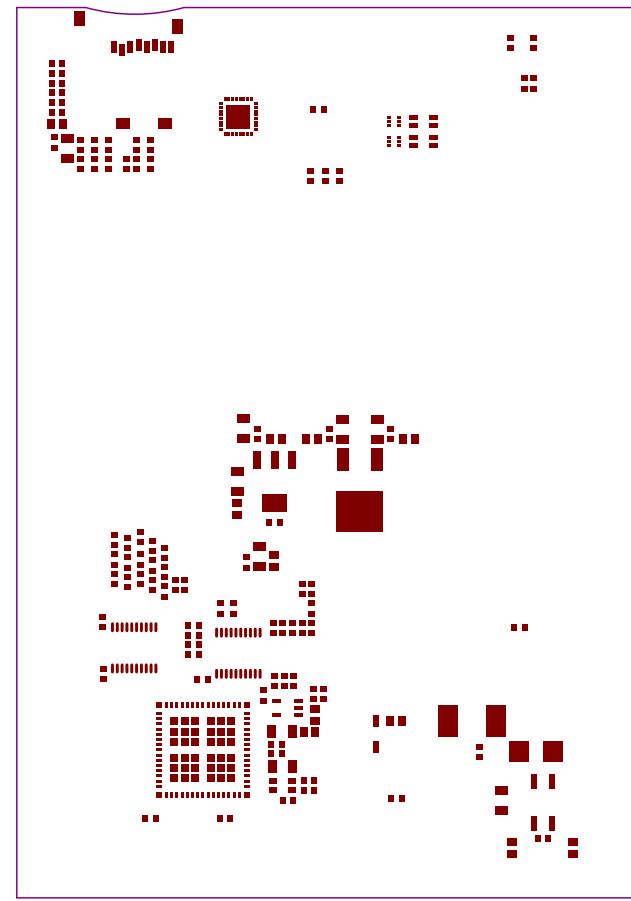
GTO	Top Overlay
GTP	Top Paste
GTS	Top Solder
GTL	Top Layer
G1	Inner
GP1	GND Plane
GBL	Bottom Layer
GBS	Bottom Solder
GBP	Bottom Paste
GBO	Bottom Overlay
GM1	Outline
GM7	PCB_Note

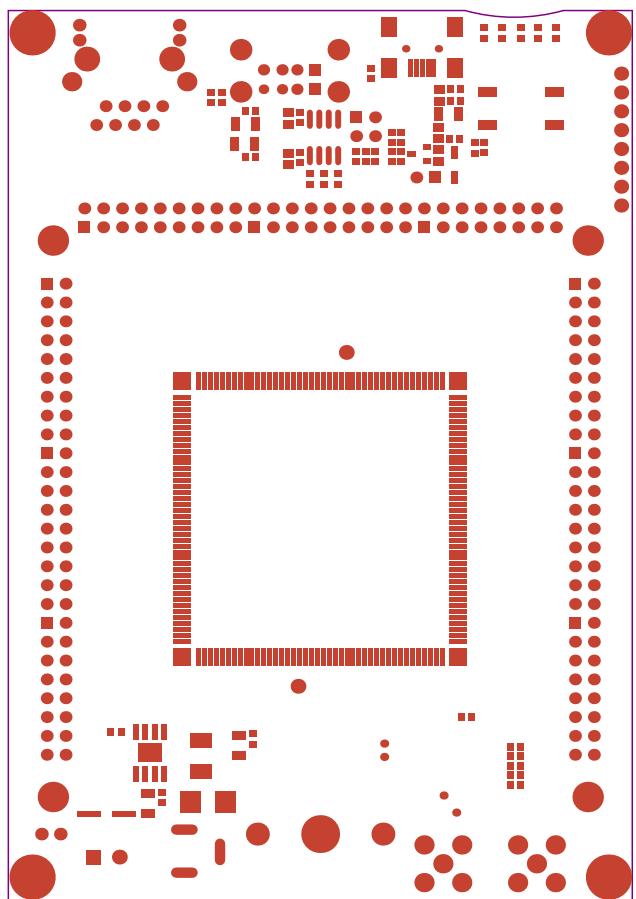
LAYER	NAME	MATERIAL	THICKNESS	CONSTANT	BOARD LAYER STACK
1	TOP OVERLAY				
2	TOP SOLDER	SOLDER RESIST	0.010MM	3,5	
3	TOP LAYER	COPPER	0.035MM		
4	DIELECTRIC1	2x7628	0.408MM	4,2	
5	INNER	COPPER	0.036MM		
6	DIELECTRIC2	FR-4	0.710MM	4,2	
7	GND	COPPER	0.036MM		
8	DIELECTRIC3	2x7628	0.408MM	4,2	
9	BOTTOM LAYER	COPPER	0.035MM		
10	BOTTOM SOLDER	SOLDER RESIST	0.010MM	3,5	
II	BOTTOM OVERLAY				

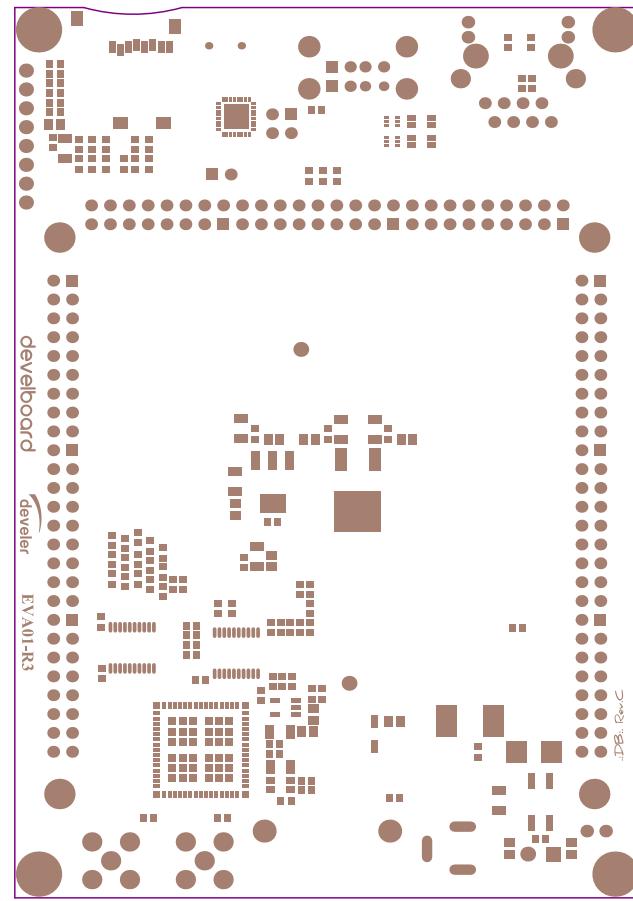
BOARD NAME	EVA01 EVALUATION BOARD
AUTHOR	DANIELE BASILE <ASTERIX@DEVELER.COM>
DATE	15/04/2016
REVISION	C





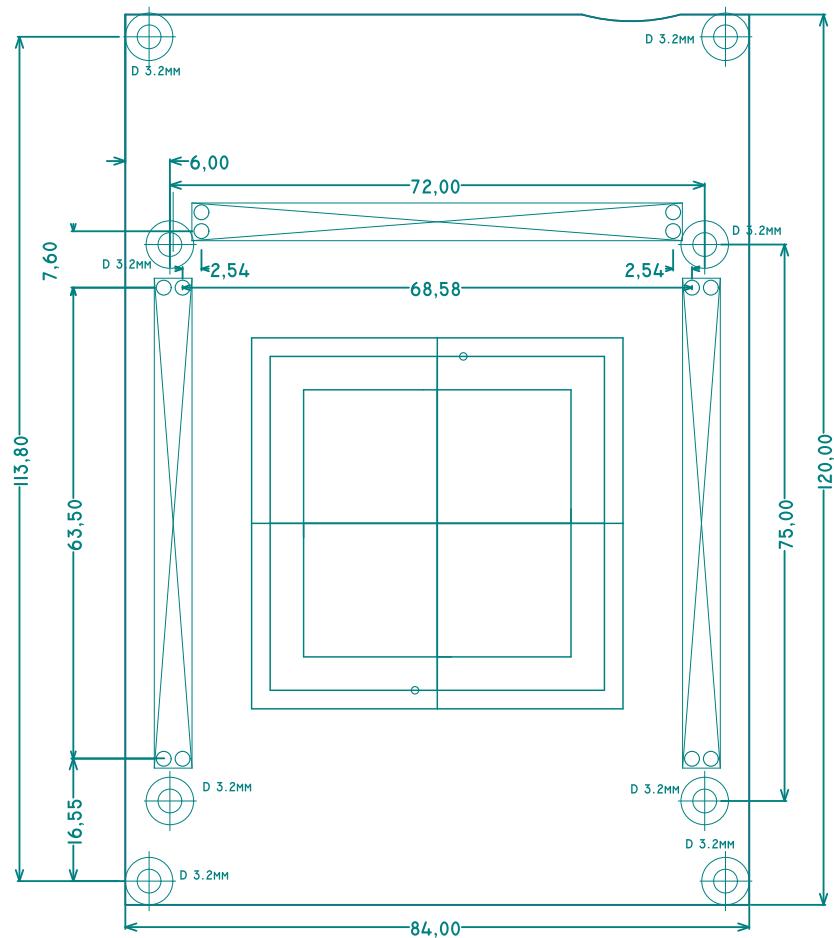




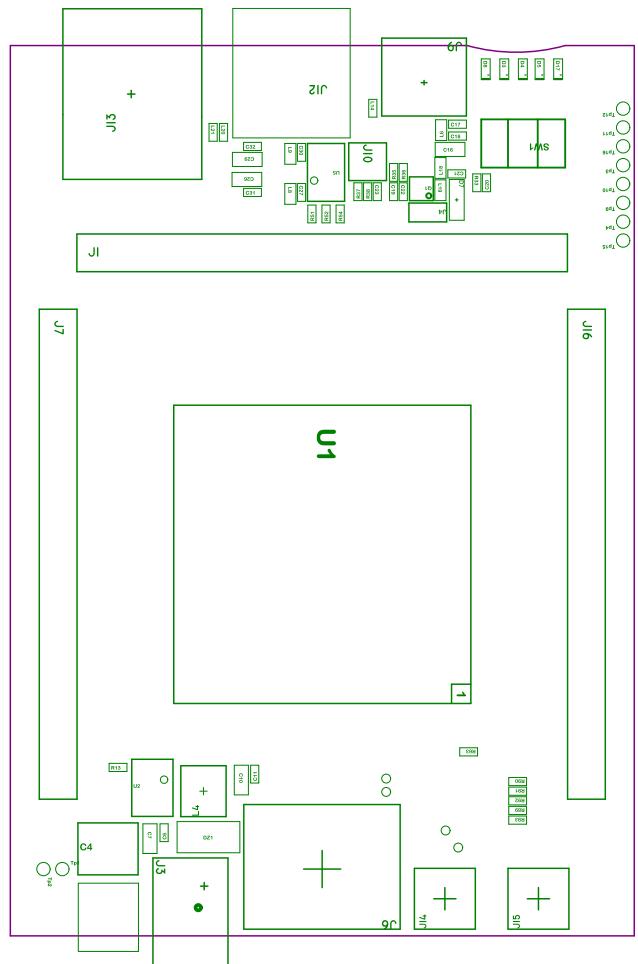




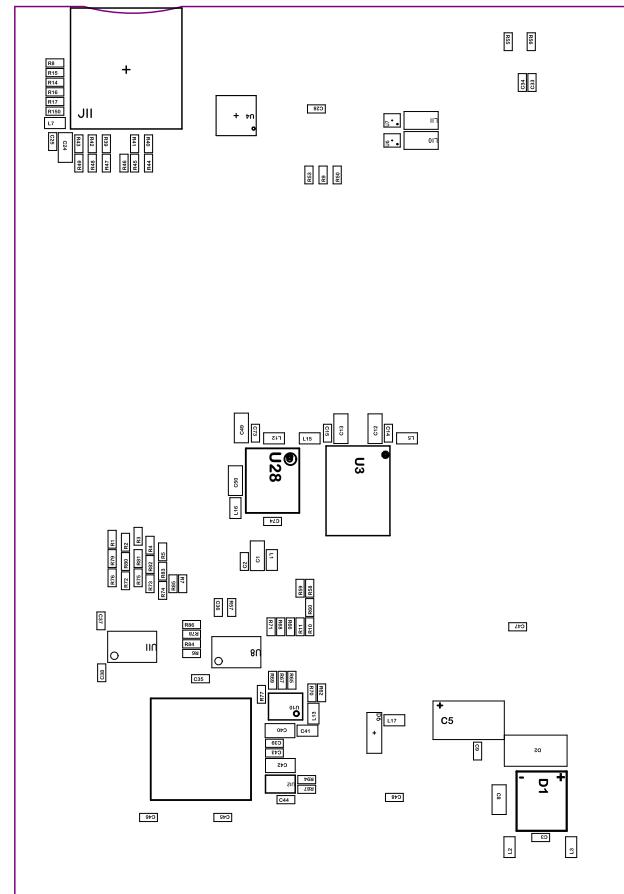
MECHANICAL CHARACTERISTICS



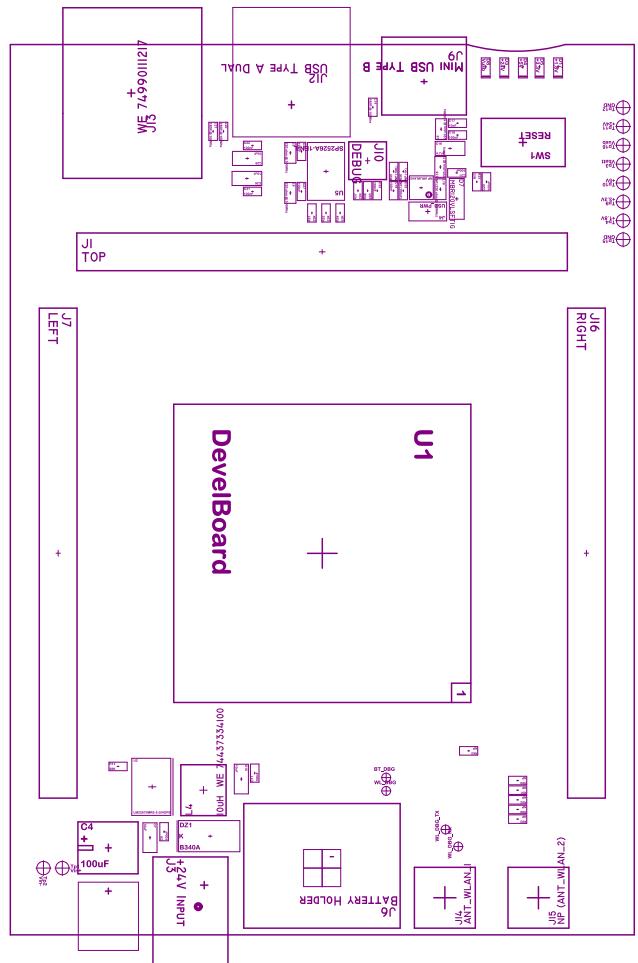
ASSEMBLY TOP



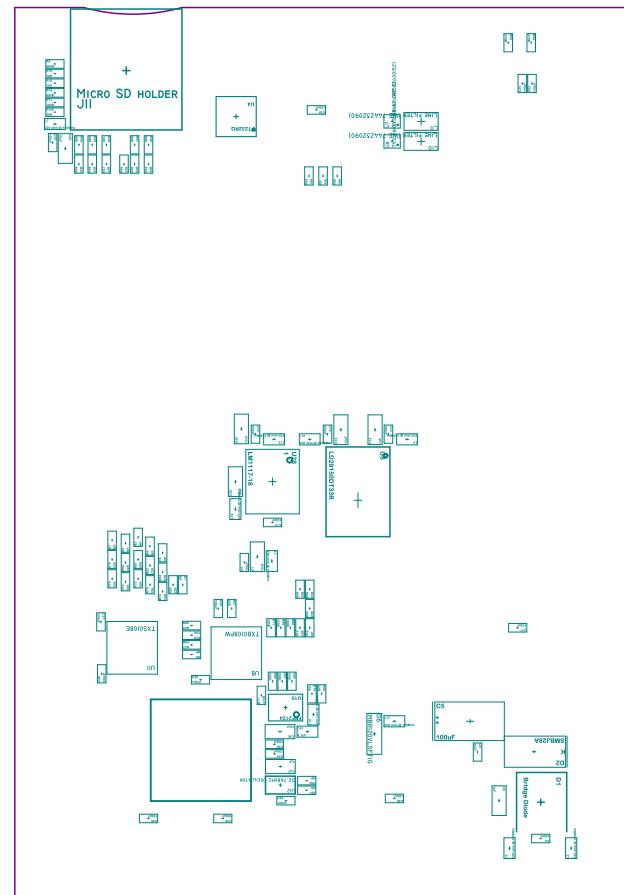
ASSEMBLY BOTTOM

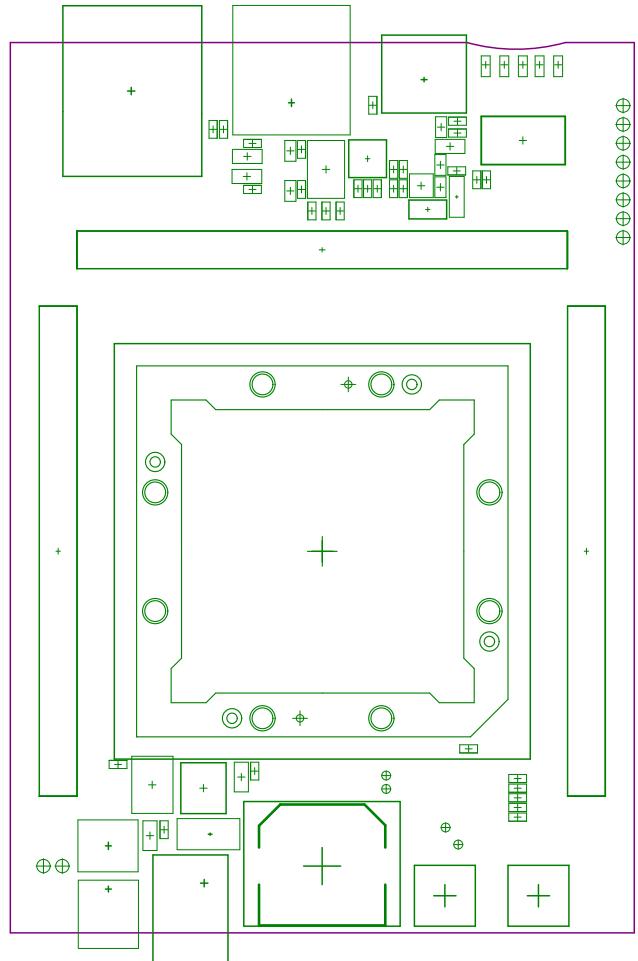


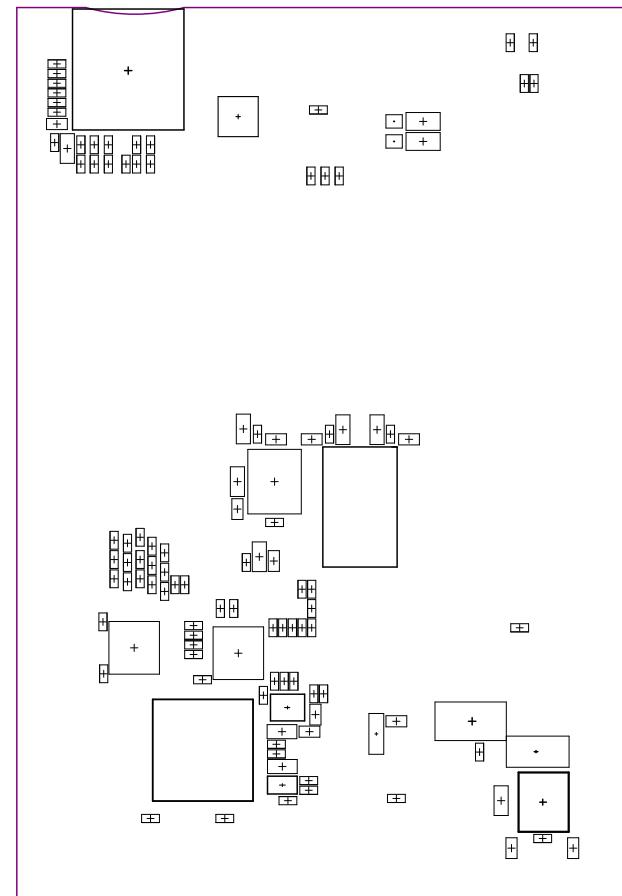
NOTE TOP

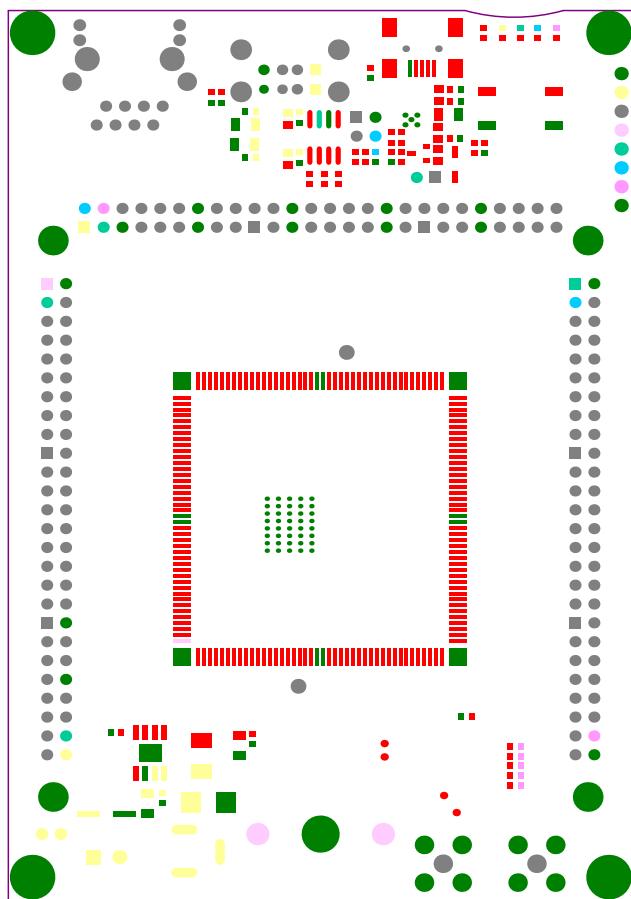


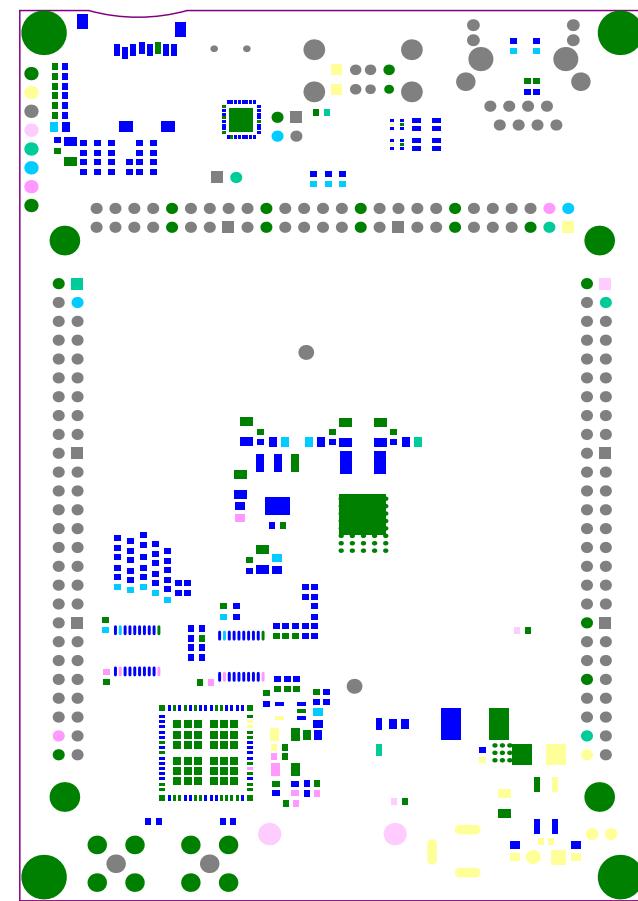
NOTE BOTTOM

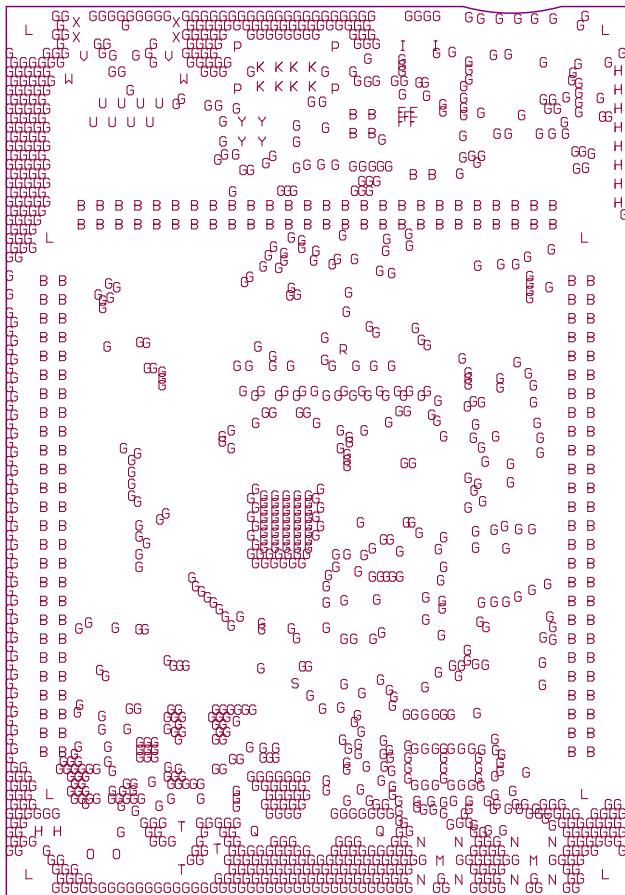












SYMBOL	HIT COUNT	FINISHED HOLE SIZE	PLATED	HOLE TYPE	PHYSICAL LENGTH
S	1	1.150MM (45.28MIL)	NPTH	ROUND	-
R	1	1.150MM (45.28MIL)	PTH	ROUND	-
I	2	0.900MM (35.43MIL)	NPTH	ROUND	-
O	2	1.400MM (55.12MIL)	PTH	ROUND	-
M	2	1.600MM (62.99MIL)	PTH	ROUND	-
W	2	1.600MM (62.99MIL)	PTH	ROUND	-
Q	2	1.630MM (64.17MIL)	PTH	ROUND	-
G	2	1.800MM (70.87MIL)	PTH	ROUND	-
U	2	3.250MM (127.95MIL)	PTH	ROUND	-
T	3	0.800MM (31.50MIL)	PTH	SLOT	3.000MM (118.11MIL)
Y	4	0.250MM (9.84MIL)	PTH	ROUND	-
X	4	1.020MM (40.16MIL)	PTH	ROUND	-
P	4	2.500MM (90.55MIL)	PTH	ROUND	-
F	5	0.350MM (13.78MIL)	PTH	ROUND	-
U	8	0.890MM (35.04MIL)	PTH	ROUND	-
K	8	0.920MM (36.22MIL)	PTH	ROUND	-
N	8	1.700MM (66.93MIL)	PTH	ROUND	-
L	8	3.200MM (125.98MIL)	PTH	ROUND	-
H	10	0.950MM (37.40MIL)	PTH	ROUND	-
B	162	0.900MM (35.43MIL)	PTH	ROUND	-
G	1414	0.300MM (11.81MIL)	PTH	ROUND	-
1452 TOTAL					

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

