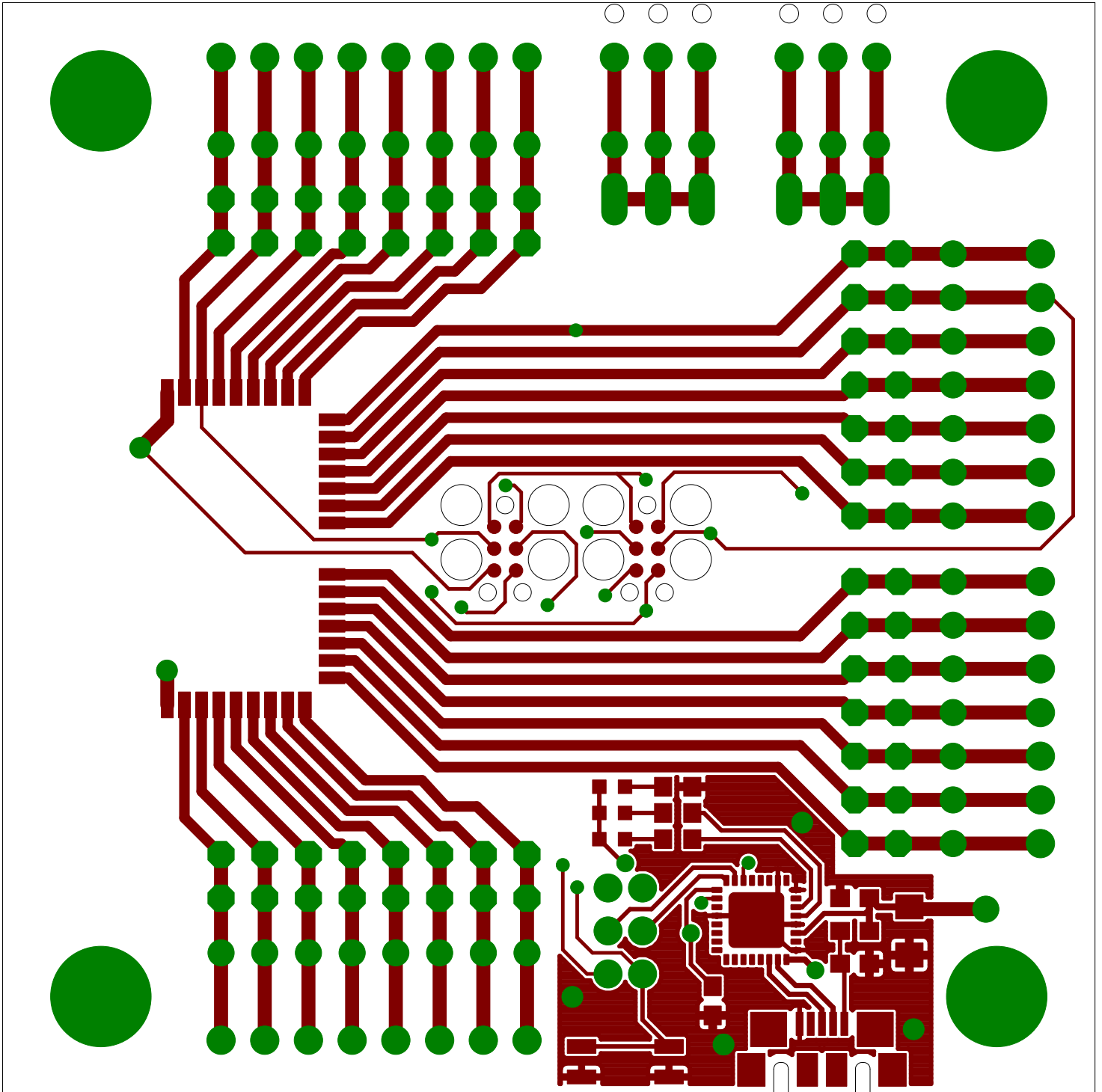
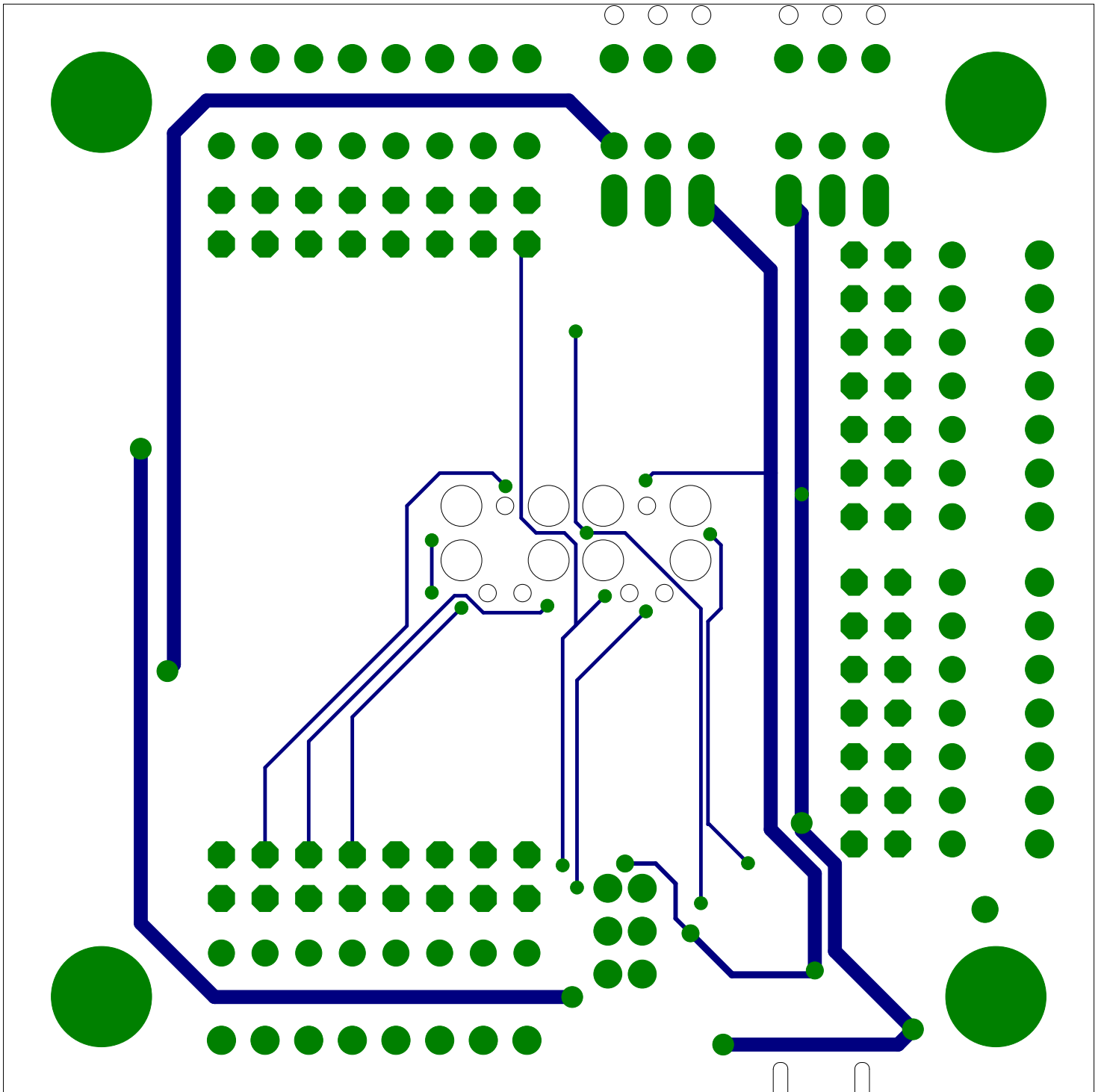
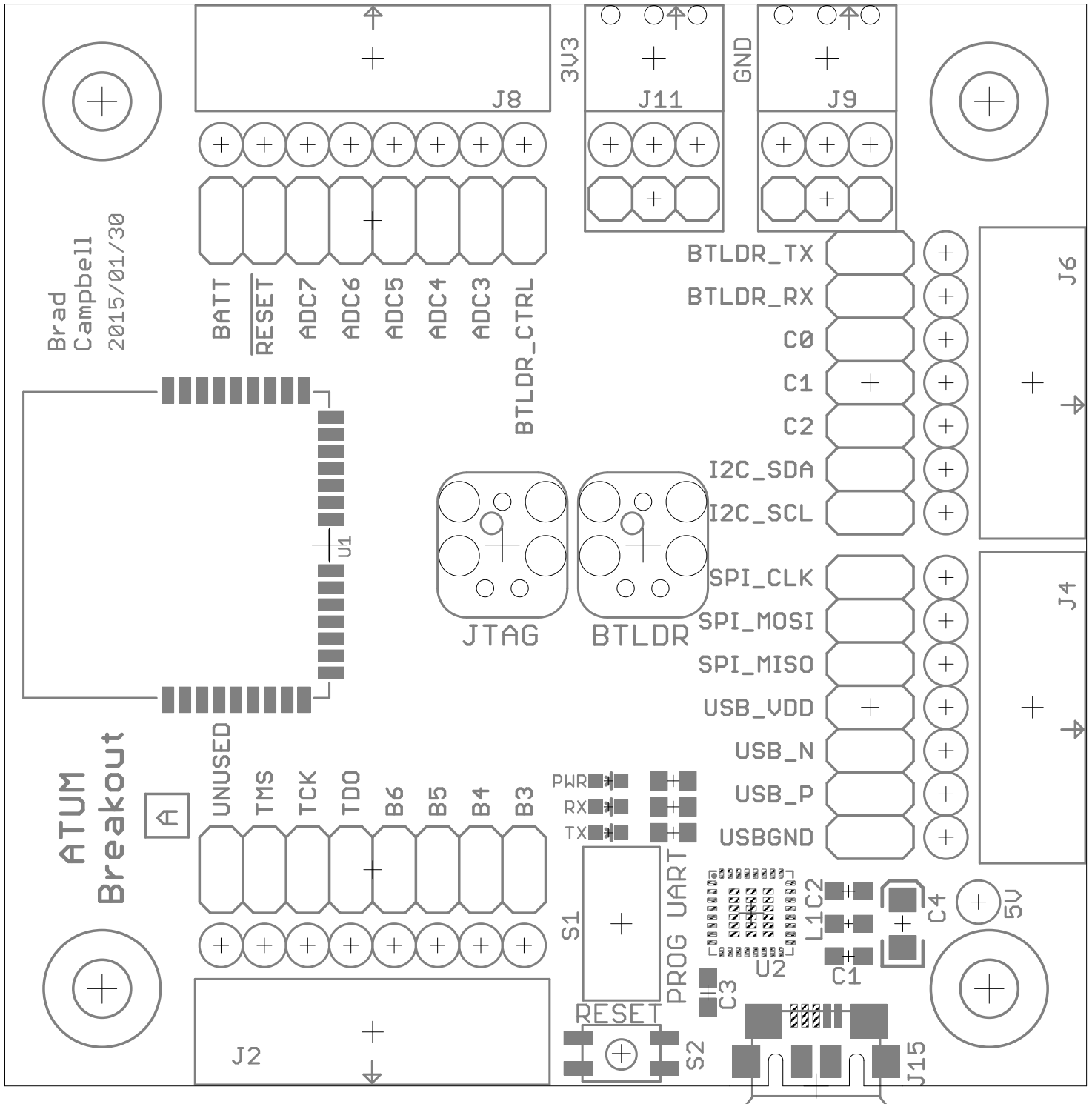


Top Copper Layer

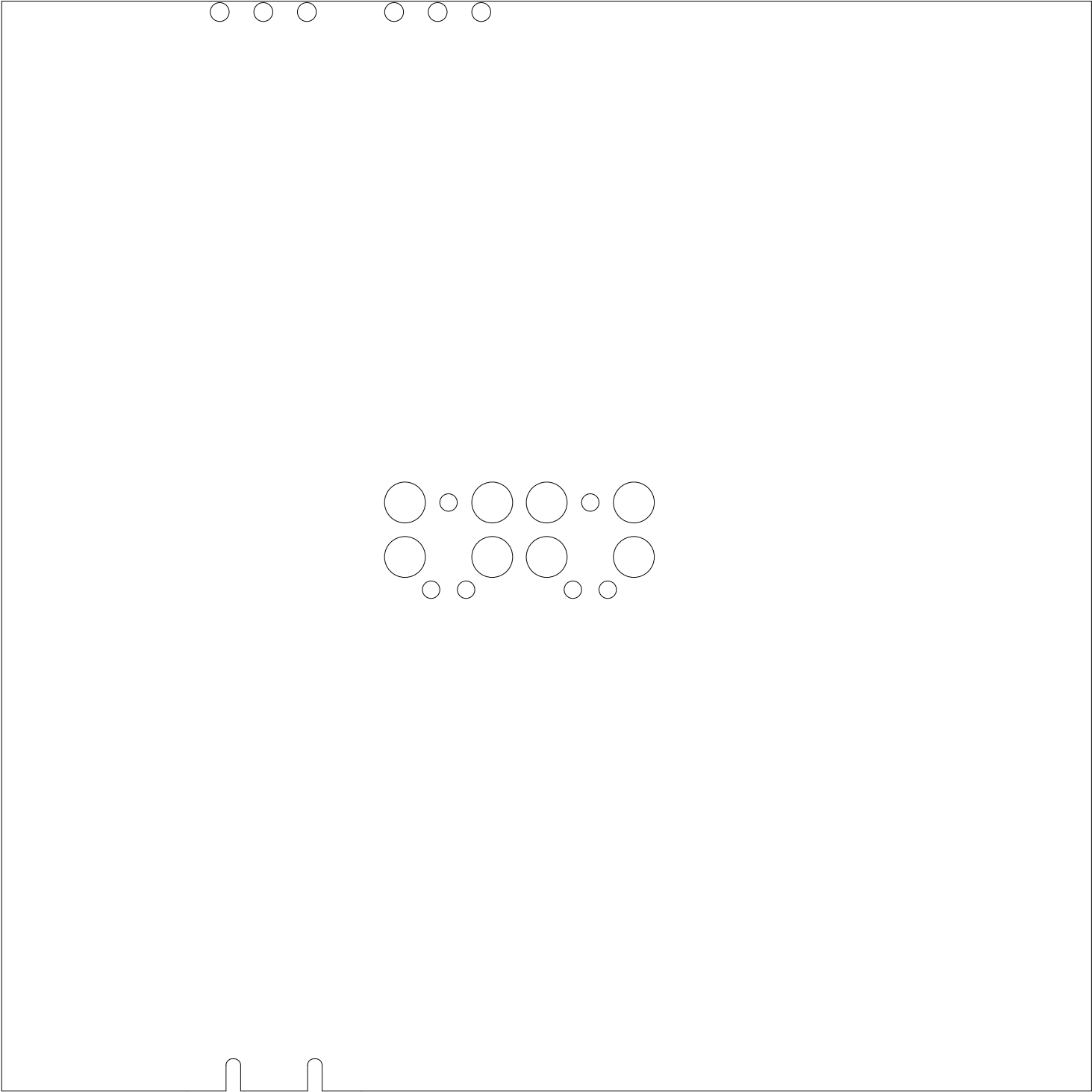


Bottom Copper Layer

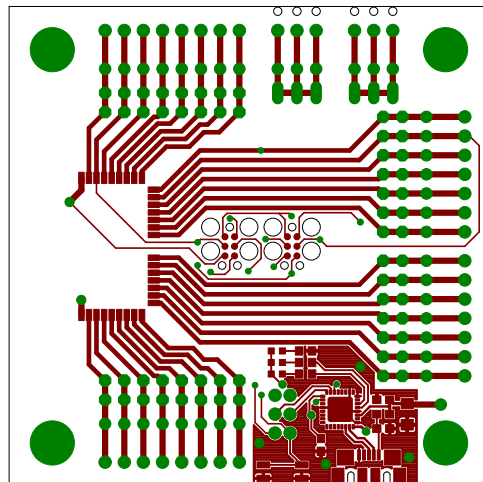




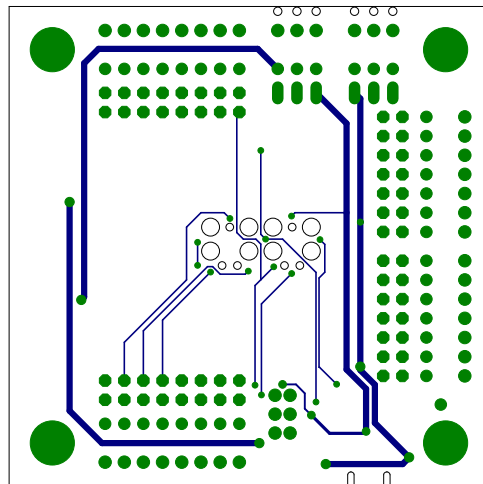
Bottom Paste Layer with Silkscreen



Top Layer 1:1 Scale



Bottom Copper Layer 1:1 Scale



Sheet1

Qty	Value	Device
3	0.1u	C-EUC0603
1	10u	CAP_POL1206
1	BLUE	LED0603
1	RED	LED0603
1	GREEN	LED0603
2		PINHD-2X8
2	SCREW-TERMINAL_8_0.100	SCREW-TERMINAL_8_0.100
2		PINHD-2X7
2	SCREW-TERMINAL_7_0.100	SCREW-TERMINAL_7_0.100
2	SCREW-TERMINAL_3_0.100	SCREW-TERMINAL_3_0.100
2		PINHD-1X3
1	MICRO_USB_B_HIROSE_ZX62R-B-5P	MICRO_USB_B_HIROSE_ZX62R-B-5P
1		INDUCTOR0603
3	470	R-US_R0603
1	SSA22/DPDT	SSA22/DPDT
1	EVQP2	EVQP2
3	White	TEST_POINT_0.040IN
10	Orange	TEST_POINT_0.040IN
12	Yellow	TEST_POINT_0.040IN
3	Blue	TEST_POINT_0.040IN
2	Green	TEST_POINT_0.040IN
3	Black	TEST_POINT_0.040IN
4	Red	TEST_POINT_0.040IN
1	ATUM	ATUM
1	FT232RQ	FT232RQ

Package

C0603
EIA3216
LED-0603
LED-0603
LED-0603
2X08
CONN_BLOCK_8
2X07
CONN_BLOCK_7
CONN_BLOCK_3
1X03
USB_MICRO_B-HIROSE-ZX62R-B-5P
L0603
R0603
SSA22/DPDT
EVQP2
TESTPOINT_0.040IN
TESTPOINT_0.040IN
TESTPOINT_0.040IN
TESTPOINT_0.040IN
TESTPOINT_0.040IN
TESTPOINT_0.040IN
TESTPOINT_0.040IN
ATUM
QFN32

Parts

C1, C2, C3

C4

D1

D2

D3

J1, J7

J2, J8

J3, J5

J4, J6

J9, J11

J10, J12

J15

L1

R1, R2, R3

S1

S2

TP1, TP29, TP30

TP2, TP3, TP4, TP9, TP10, TP11, TP12, TP21, TP22, TP23

TP5, TP6, TP7, TP8, TP18, TP19, TP20, TP24, TP25, TP26, TP27, TP28

TP13, TP14, TP15

TP16, TP17

TP31, TP32, TP33

TP34, TP35, TP36, TP37

U1

U2

Sheet1

Description	DIGIKEY	MOUSER	NEWARK
CAPACITOR, European symbol	445-1316-1-ND	810-C1608X7R1E104K	
Capacitor Polarized	478-1655-1-ND	581-TAJA106K016R	
LEDs			
LEDs			
LEDs			
PIN HEADER	609-3364-ND	649-68602-116HLF	20M2833
8x 0.100 in screw terminal block	277-1279-ND	651-1725711	71C4111
PIN HEADER	609-3491-ND	649-67996-114HLF	30M1973
7x 0.100 in screw terminal block	277-1278-ND	651-1725708	14X4980
3x 0.100 in screw terminal block	277-1274-ND	651-1725669	71C4108
PIN HEADER	609-3461-ND	649-68000-103HLF	88K1775
USB Micro B Connector	H11574CT-ND	798-ZX62R-B-5P	69W0714
Inductors	240-2373-1-ND	875-MI0603K300R-10	
RESISTOR, American symbol			
SW SLIDE DPDT 2POS SSA SER 30V	450-1604-ND	506-SSA22	50F5561
	P11084SCT-ND	667-EVQ-P2K02Q	
0.040in Test Point	5002K-ND	534-5001	
0.040in Test Point	5003K-ND	534-5001	
0.040in Test Point	5004K-ND	534-5001	
0.040in Test Point	5117K-ND	534-5001	
0.040in Test Point	5116K-ND	534-5001	
0.040in Test Point	5001K-ND	534-5001	
0.040in Test Point	5000K-ND	534-5001	
Atom sensorboard prototyping module.			
FTDI USB	768-1008-1-ND	895-FT232RQ	91K9919