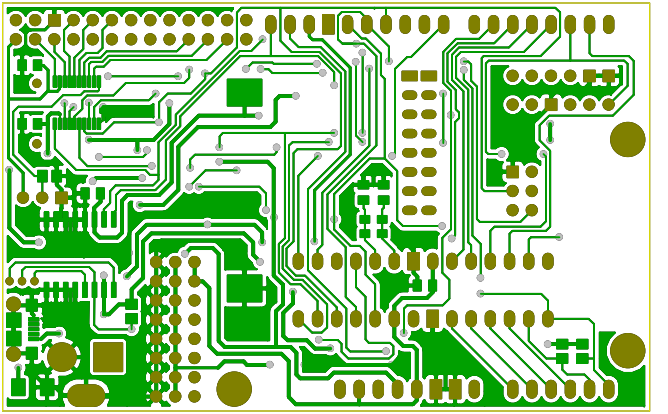
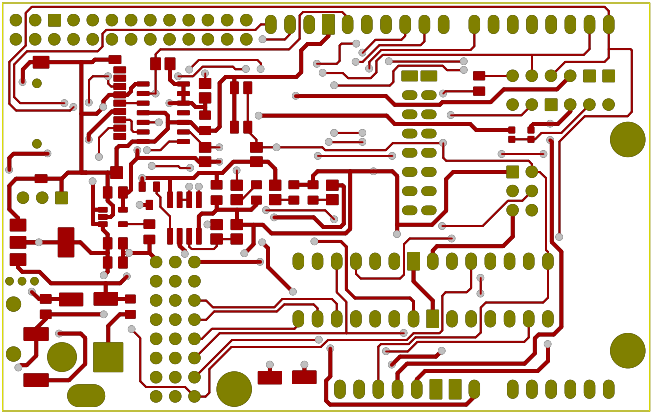
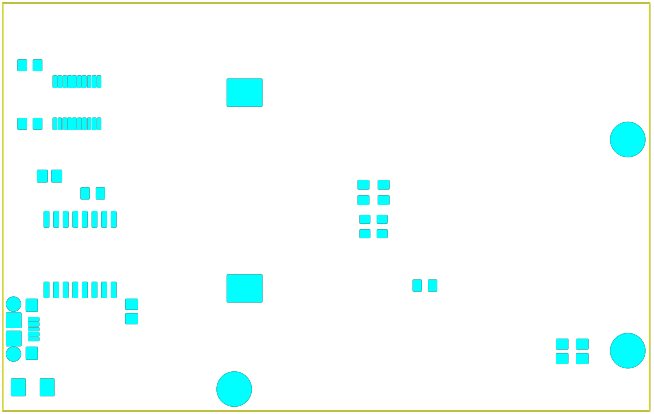
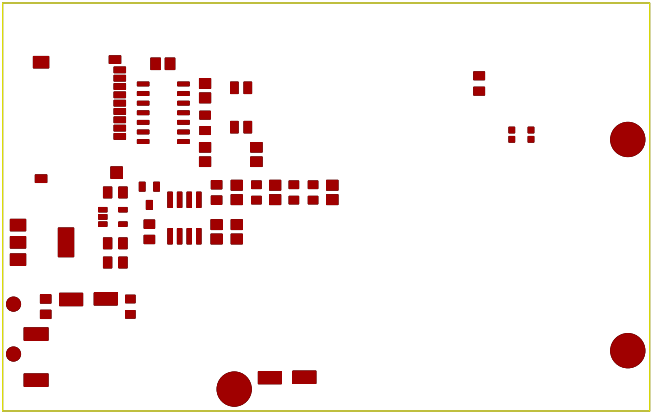


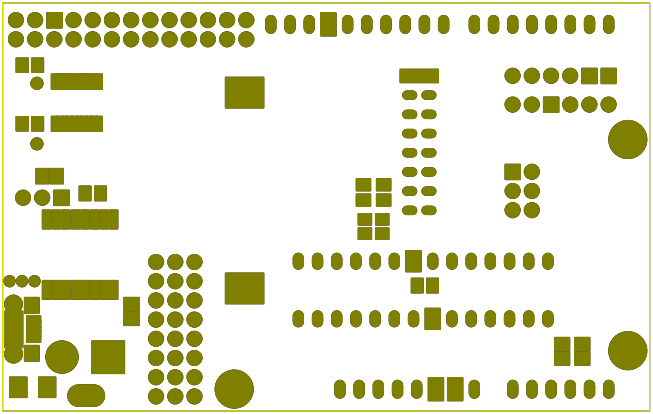


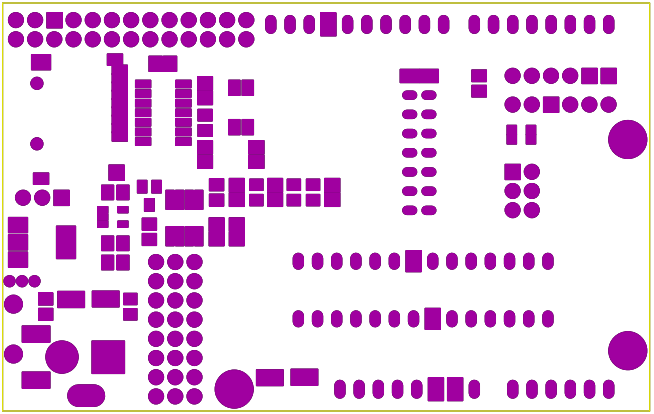




RST RX TX GND
SCK MISO MOSI P1 : BCM2835_GPIO SCL SDA 3V3
C15
TSX0108 U6
C12
R13
C9
DS2321N
U4
R9
P12
USB_B
D7
SMBJ5.0CA-TR
[+]
BT1
BATT_RTC
[-]
GPIO_TMS
LAN_TMS
P3 P2
C10 C14
X1
C1
R1 R2
glaMode
www.lum.c.lum
opensource

P1
BCM2835_GPIO
A05/SCL
A04/SDA
AREF
GND
D13/SCK
D12/MISO/#
D11/MOS
D10/#
D9/#
D8
D7
D6/#
D5/#
D4
D3/TX1#
D2/RX1#
D1/TX0
D0/RX0
SHIELD
FTDI
P8
C7
P7
GPS_UP501
GRN YEL GND RED BRN BLK
RX TX GND 3V3 BAT 1pps
D4 D3
P9
ISP
RST MOSI CLK
GND 5V3 MIS
aLaMode
wyolum.com
OpenHardware
SD1
SD_CARD_MICRO
74HC125
SW1
R6
U2
R4
L4
R3
R7
Q1
C2
D4
R5
D1
D2
R8
R14
Q8
Q7
C5
U1
LM358N
C9
R12
U3
MCP1755ST-3.3E/CB
C3
C4
J10
R11
C15
F1
D6
C6
P10 V_IN
F1
P5 GND_3.3V
P6 5V
P7 GND_5V
P8 3.3V
D7
D8
D9
D10
D11
D12
D13
C8
Q1
470uF
IC1
ATMEGA328-PU
AREA FOR ZIF SOCKET
RXC
3V0
RST
3V5
5V0
GND
GND
Vin
POWER
A0
A1
A2
A3
A4
A5
ANALOG





2.1250 "
3.3700 "