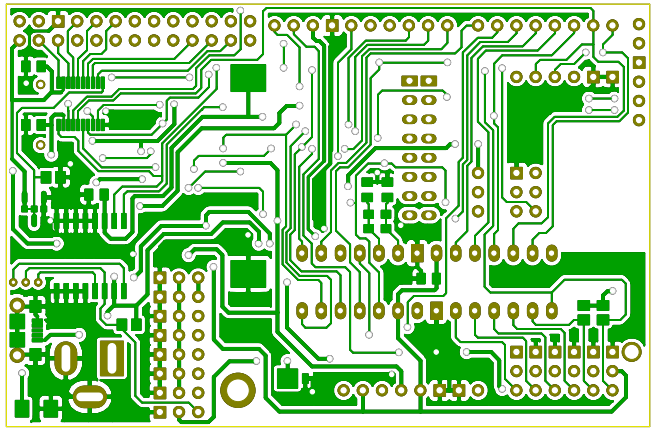
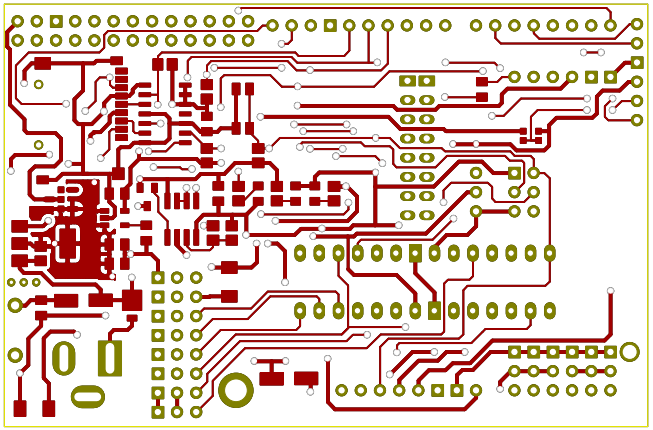
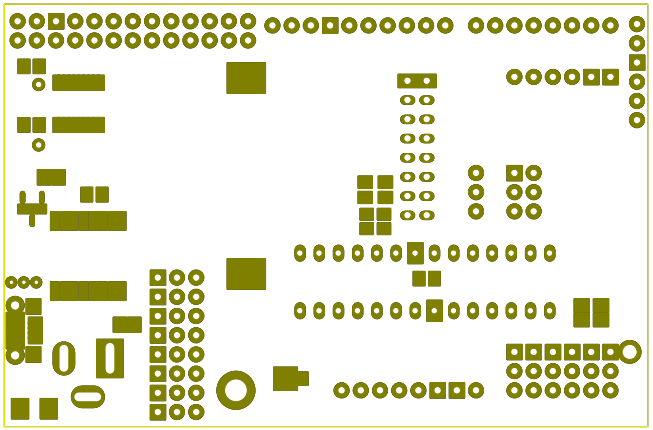
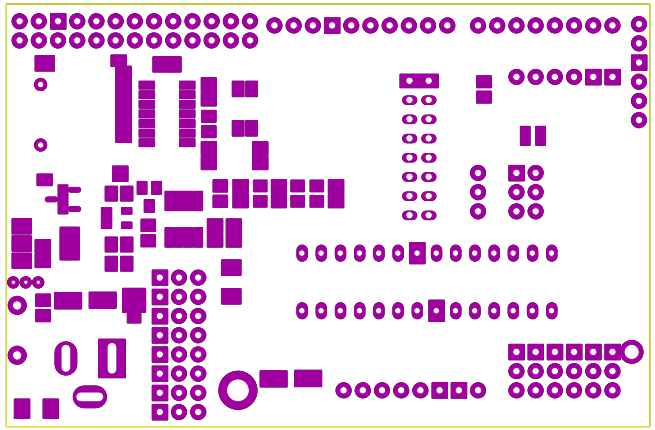




H 0/1
J 0/1
SCK MISO MOSI
P1 : BCM2835_GPIO
SCL SDA 3V3
C13
TXS0108 U6
C12
BT1
BATT_RTC
A05/SCL
A04/SDA
A06/F
GND
D17/SCK
D12/MISO
D11/MOSI
D10/#
D9/#
D8
D7
D6/#
D5/#
D4
D3/PWM
D2/INT
D1/TX
D0/RX
www.ruiz.com
9/9Mode
GPS
RX TX 3V3 GND
M3
M2
M1
ICSP
3V3
AREF
5V0
P3
P2
GPIO_TRG
C14 C11
X1
C1
R1 R2
5V0
A5
A4
A3
A2
A1
A0
ANALOG
GND 3V3
POWER
NC
5V0
RST
3V3
5V0
GND
Vin
B8
SERVOS
GND
5V0
SER
EXT
3V0 GND
[-]
[+]
U4
DS2321N
C9
P13
P11
P12
U5-DC
OUT
IN
P9
P12
NUSB_B
SM8JS.OCA-TR
D7
XX
5V0

I/O H
I/O L
P1
SD1
BCM2835_GPIO
SD_CARD_INSERT
U2
74HC125
R6
SW1
R4
C14
R7
R3
R12
C2
D5 D4 D2 D8
aLaMode
A05/SCL
A04/SDA
AREF
GND
D13/SCK
D12/MISO/#
D11/MOSI
D10/#
D9/#
D0
D7
D6/#
D5/#
D4
RX/PD0/#
TX/PD1/#
RX/TXD0
TX/TXD0
C7
GRN
FTDI
P8
BLK
OPEL_UPDOL
P7
D6 D3
P13
P9 ICSP
3V3
AREF
5V0
GND
OFF
ON
5V_LINK
R16
C5
U3
U4
Q1
LM358N
R14
C3
C4
C16
R10 R11
32K 50PPM RST
RTC
C6
(100n_25V)
(+)
D5
C15
V_IN
F2
ATMEGA328-PU
IC1
wyolum.com
OpenHardware
AREA FOR ZIF SOCKET
nanoSHDC11OF
P10
D3 D6 D9 D10 D12
D2 D5 D8 D11 D13
GND SERVO
5V SERVO
PWM SERVO
D3 D6 D9 D10 D12
D2 D5 D8 D11 D13
F1
CAUTION
C8
4*LED
C1
POWER
NC
5V0
RST
3V3
5V0
GND
GND
Vin
ANALOG
3V3 GND
A0
A1
A2
A3
A4
A5
5V0





2.2000 "
3.3500 "
0.6600 "
0.6100 "
0.9300 "