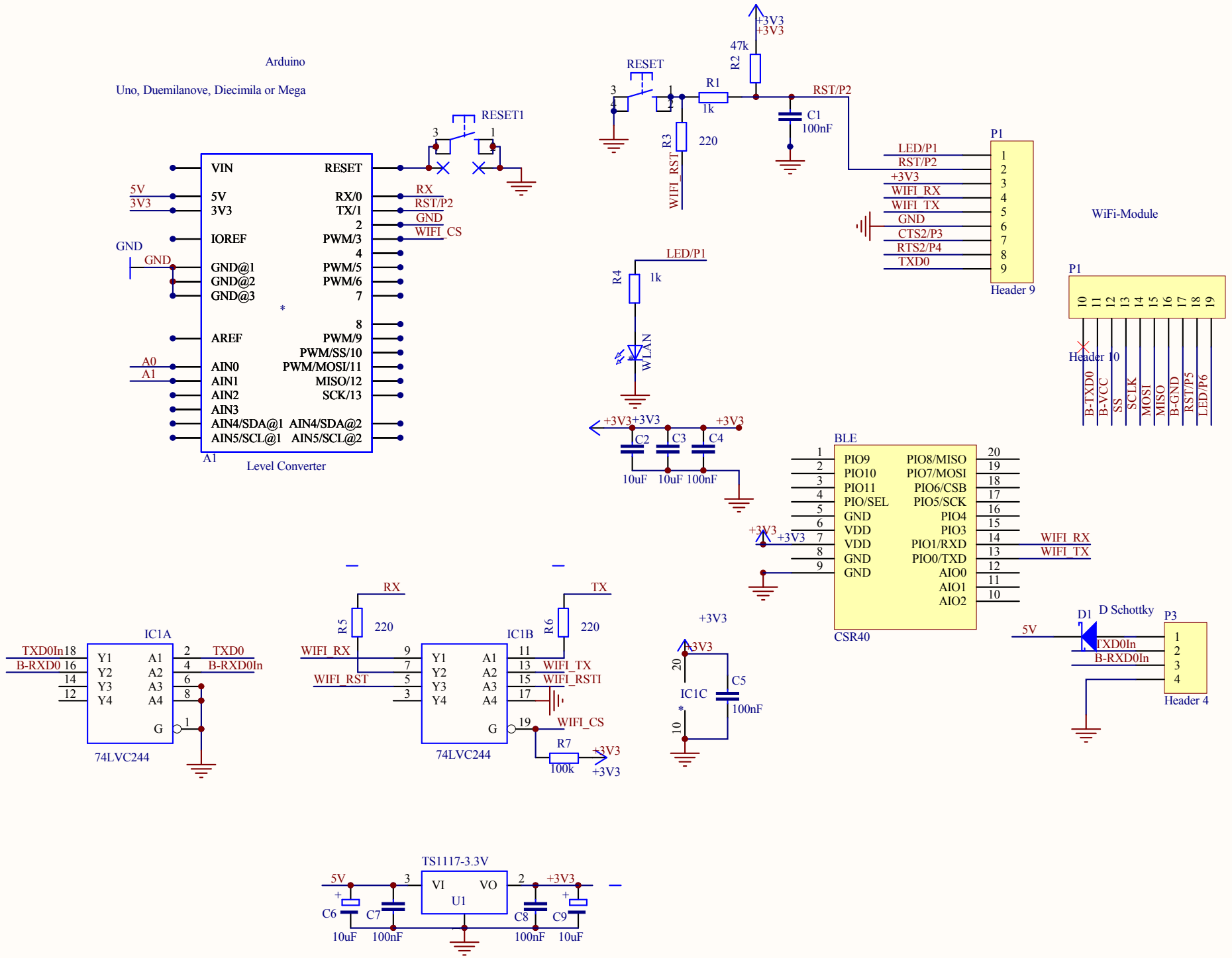
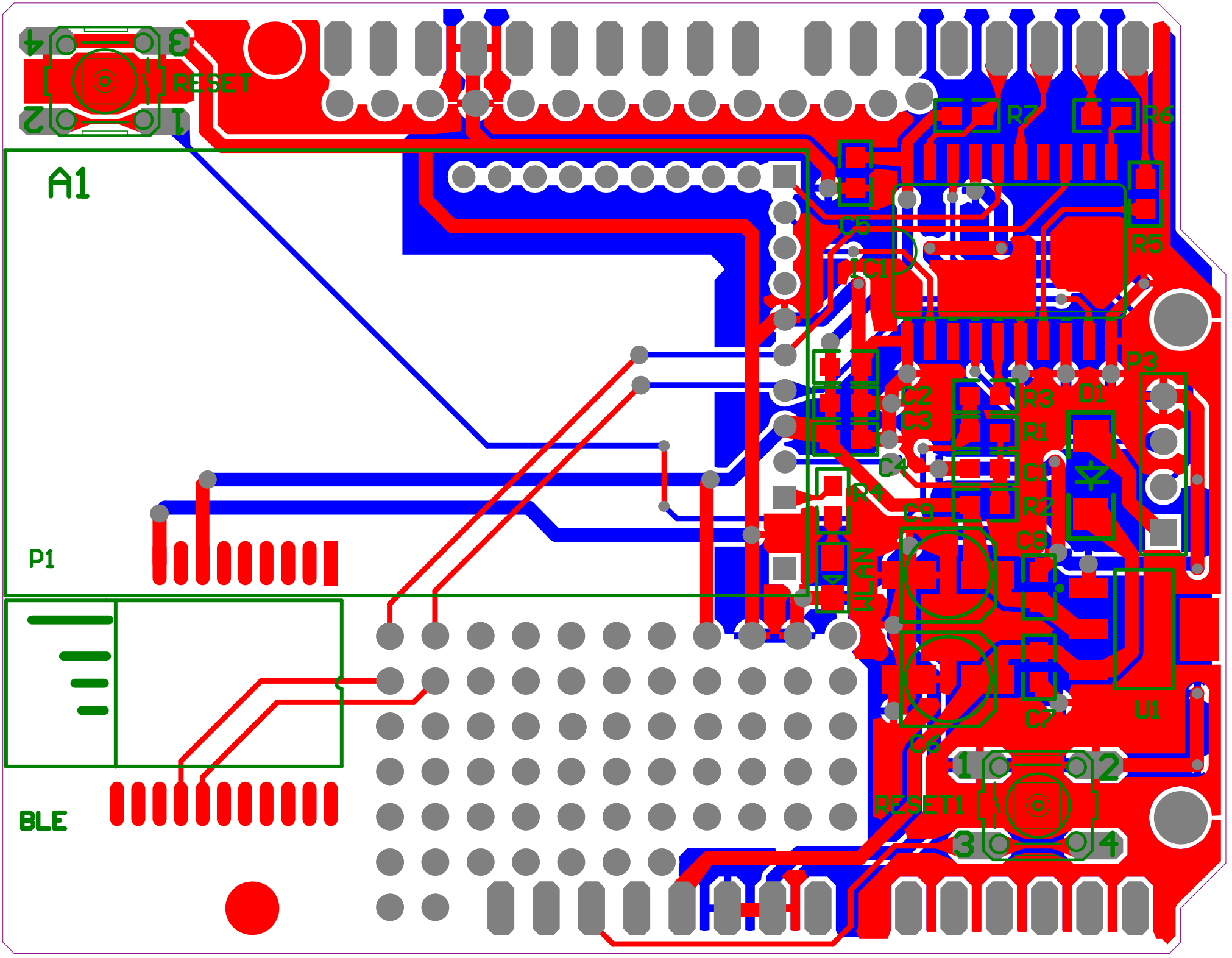

Arduino
Uno, Duemilanove, Diecimila or Mega
RESET1
VIN
5V
3V3
IOREF
GND@1
GND@2
GND@3
AREF
AIN0
AIN1
AIN2
AIN3
AIN4/SDA@1
AIN5/SCL@1
RESET
RX/0
TX/1
2
PWM/3
4
PWM/5
PWM/6
7
8
PWM/9
PWM/SS/10
PWM/MOSI/11
MISO/12
SCK/13
AIN4/SDA@2
AIN5/SCL@2
A1
Level Converter
RESET
47k
R2
R1
1k
R3
220
WIFI_RST
RST/P2
C1
100nF
P1
LED/P1
RST/P2
+3V3
WIFI_RX
WIFI_TX
GND
CTS2/P3
RTS2/P4
TXD0
Header 9
WiFi-Module
R4
1k
WLAN
C2
C3
C4
10uF
10uF
100nF
BLE
PIO9
PIO10
PIO11
PIO/SEL
GND
VDD
VDD
GND
GND
PIO8/MISO
PIO7/MOSI
PIO6/CSB
PIO5/SCK
PIO4
PIO3
PIO1/RXD
PIO0/TXD
AIO0
AIO1
AIO2
CSR40
Header 10
B-TXD0
B-VCC
SS
SCLK
MOSI
MISO
B-GND
RST/P5
LED/P6
IC1A
TXD0In
B-RXD0
TXD0
B-RXD0In
74LVC244
R5
220
RX
WIFI_RX
WIFI_RST
IC1B
R6
220
TX
WIFI_TX
WIFI_RSTI
WIFI_CS
R7
100k
74LVC244
IC1C
C5
100nF
D1
D Schottky
P3
TXD0In
B-RXD0In
Header 4
TS1117-3.3V
VI
VO
U1
C6
C7
C8
C9
10uF
100nF
100nF
10uF


RESET
A1
P1
BLE
R7
R6
R5
C5
C1
C2
C3
C4
R4
C9
C8
R3
D1
R1
C1
R2
P3
U1
C7
C6
RESET1
1
2
3
4

Bill of Materials

<Parameter Title not found>

Source Data From: PCB_Project1.PrjPCB

Project: PCB_Project1.PrjPCB

Variant: None

Creation Date: 2013-1-28 14:30:05

Print Date: 41302 41302.60448

Footprint	Comment	LibRef	Designator	Description	Quantity
	+3V3	+3V3	+3V2, +3V3, +3V4, +3V11		5
UNO		UNO	A1		1
	CSR40	CSR40	BLE		1
RR1608-0603	100nF	C-EUC0603	C1, C4, C5, C7, C8		5
RR1608-0603	10uF	C-EUC0603	C2, C3		2
153CLV-0505	10uF	CPOL-EU153CLV-0505	C6, C9		2
1206-DIODE	D Schottky	D Schottky	D1	Schottky Diode	1
	GND	GND	GND14		1
SMD1,27-2,54		SMD2	GND, RST2		2
SO20W	74LVC244	74HC244DW	IC1		1
WX002_SMD	Header 9	Header 9	P1	Header, 9-Pin	1
WX002_SMD	Header 10	Header 10	P1	Header, 10-Pin	1
HDR1X4	Header 4	Header 4	P3	Header, 4-Pin	1
RR1608-0603	1k	R-EU_R0603	R1, R4		2
RR1608-0603	47k	R-EU_R0603	R2		1
RR1608-0603	220	R-EU_R0603	R3, R5, R6		3
RR1608-0603	100k	R-EU_R0603	R7		1
B3F-10XX		10-XX	RESET, RESET1		2
SOT223	TS1117-3.3V	TS1117	U1		1
LED_SMD		LEDCHIPLED_0603	WLAN		1
					35

Approved **Notes**