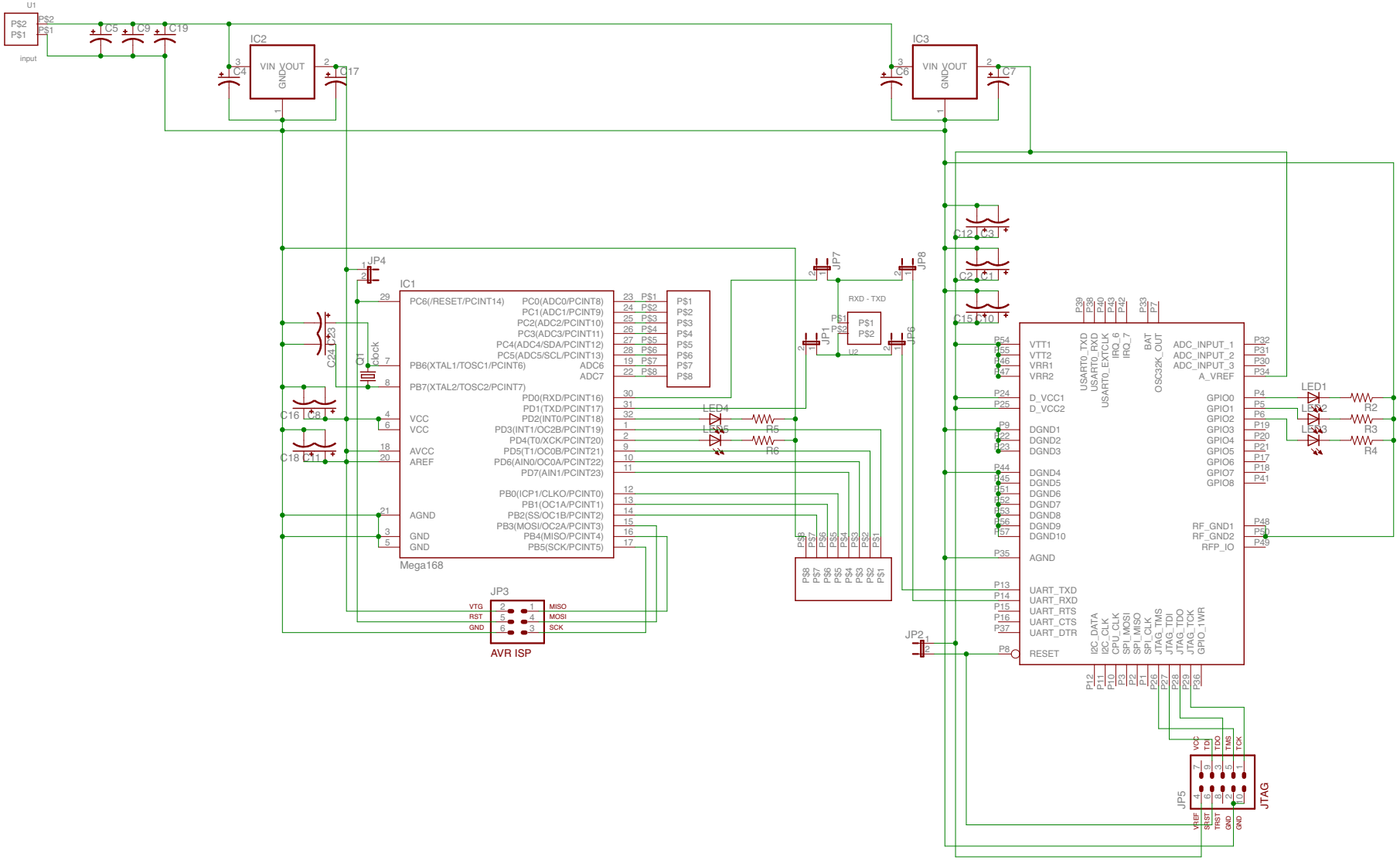
U1
P$2
P$1
input
C5
C9
C19
IC2
VIN VOUT
GND
C4
C17
IC3
C6
C7
JP4
IC1
PC6(/RESET/PCINT14)
PC0(ADC0/PCINT8)
PC1(ADC1/PCINT9)
PC2(ADC2/PCINT10)
PC3(ADC3/PCINT11)
PC4(ADC4/SDA/PCINT12)
PC5(ADC5/SCL/PCINT13)
PB6(XTAL1/TOSC1/PCINT6)
ADC6
ADC7
PB7(XTAL2/TOSC2/PCINT7)
PD0(RXD/PCINT16)
PD1(TXD/PCINT17)
PD2(INT0/PCINT18)
PD3(INT1/OC2B/PCINT19)
PD4(T0/XCK/PCINT20)
PD5(T1/OC0B/PCINT21)
PD6(AIN0/OC0A/PCINT22)
PD7(AIN1/PCINT23)
PB0(ICP1/CLKO/PCINT0)
PB1(OC1A/PCINT1)
PB2(SS/OC1B/PCINT2)
PB3(MOSI/OC2A/PCINT3)
PB4(MISO/PCINT4)
PB5(SCK/PCINT5)
VCC
VCC
AVCC
AREF
AGND
GND
GND
Mega168
Q1
clock
C24
C23
C16
C8
C18
C11
LED4
LED5
R5
R6
JP7
JP8
JP1
JP6
RXD - TXD
U2
JP3
VTG
RST
GND
MISO
MOSI
SCK
AVR ISP
JP2
C12
C3
C2
C1
C15
C10
VTT1
VTT2
VRR1
VRR2
D_VCC1
D_VCC2
DGND1
DGND2
DGND3
DGND4
DGND5
DGND6
DGND7
DGND8
DGND9
DGND10
AGND
UART_TXD
UART_RXD
UART_RTS
UART_CTS
UART_DTR
RESET
USART0_TXD
USART0_RXD
USART0_EXTCLK
IRQ_6
IRQ_7
BAT
OSC32K_OUT
ADC_INPUT_1
ADC_INPUT_2
ADC_INPUT_3
A_VREF
GPIO0
GPIO1
GPIO2
GPIO3
GPIO4
GPIO5
GPIO6
GPIO7
GPIO8
RF_GND1
RF_GND2
RFP_IO
LED1
LED2
LED3
R2
R3
R4
I2C_DATA
I2C_CLK
CPU_CLK
SPI_MOSI
SPI_MISO
SPI_CLK
JTAG_TMS
JTAG_TDI
JTAG_TDO
JTAG_TCK
GPIO_1WR
VCC
TDI
TDO
TMS
TCK
VREF
SRST
TRST
GND
GND
JP5
JTAG