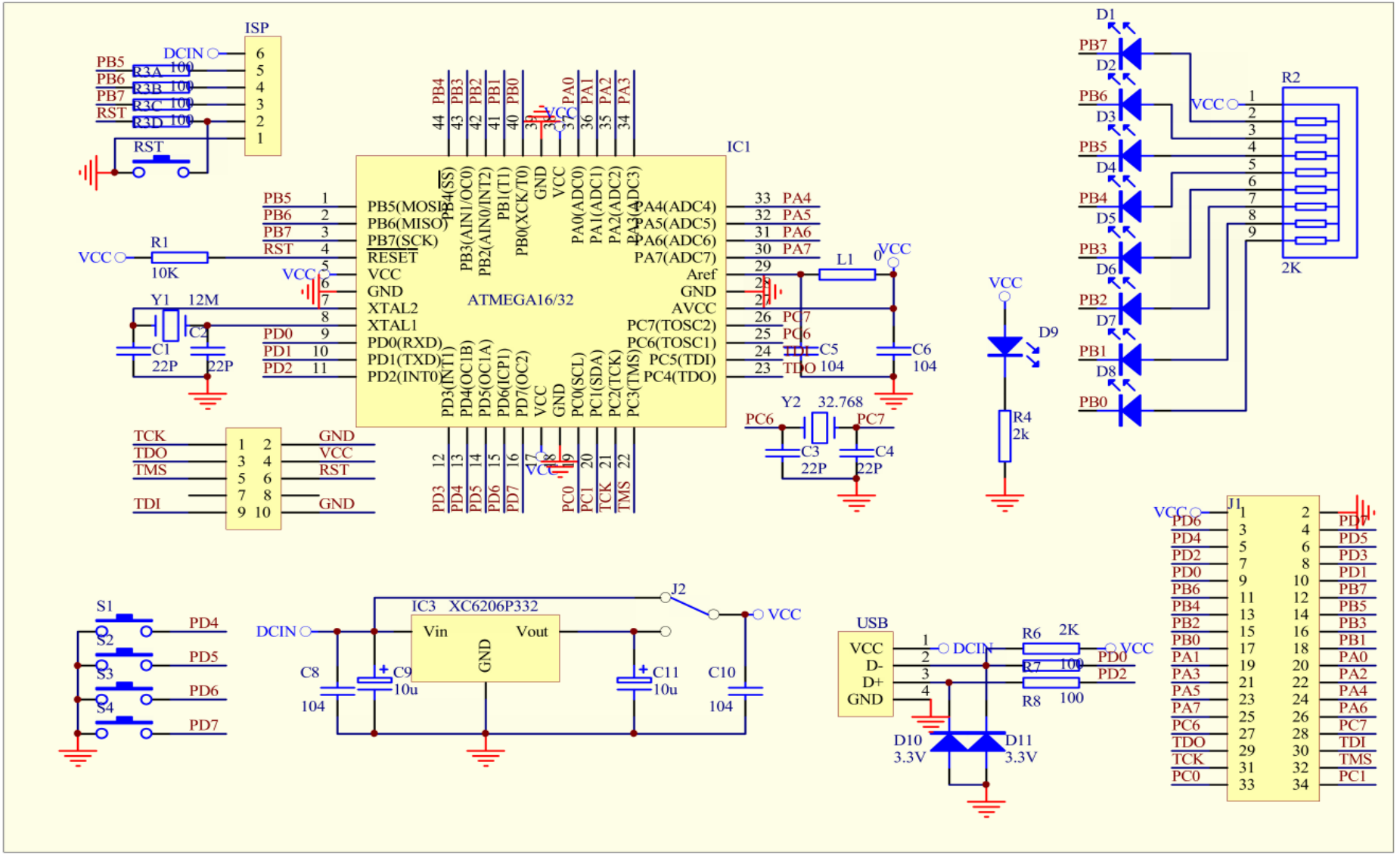
ISP
DCIN
PB5
PB6
PB7
RST
R3A 100
R3B 100
R3C 100
R3D 100
RST
IC1
ATMEGA16/32
PB5(MOSI)
PB6(MISO)
PB7(SCK)
RESET
VCC
GND
XTAL2
XTAL1
PD0(RXD)
PD1(TXD)
PD2(INT0)
PD3(INT1)
PD4(OC1B)
PD5(OC1A)
PD6(ICP1)
PD7(OC2)
PA0(ADC0)
PA1(ADC1)
PA2(ADC2)
PA3(ADC3)
PA4(ADC4)
PA5(ADC5)
PA6(ADC6)
PA7(ADC7)
Aref
AVCC
PC7(TOSC2)
PC6(TOSC1)
PC5(TDI)
PC4(TDO)
R1
10K
Y1 12M
C1 22P
C2 22P
L1
C5 104
C6 104
Y2 32.768
C3 22P
C4 22P
TCK
TDO
TMS
TDI
D1
D2
D3
D4
D5
D6
D7
D8
R2
2K
D9
R4 2k
S1
S2
S3
S4
PD4
PD5
PD6
PD7
IC3 XC6206P332
Vin
Vout
GND
C8 104
C9 10u
C11 10u
C10 104
J2
USB
VCC
D-
D+
GND
R6 2K
R7 100
R8 100
D10 3.3V
D11 3.3V
J1