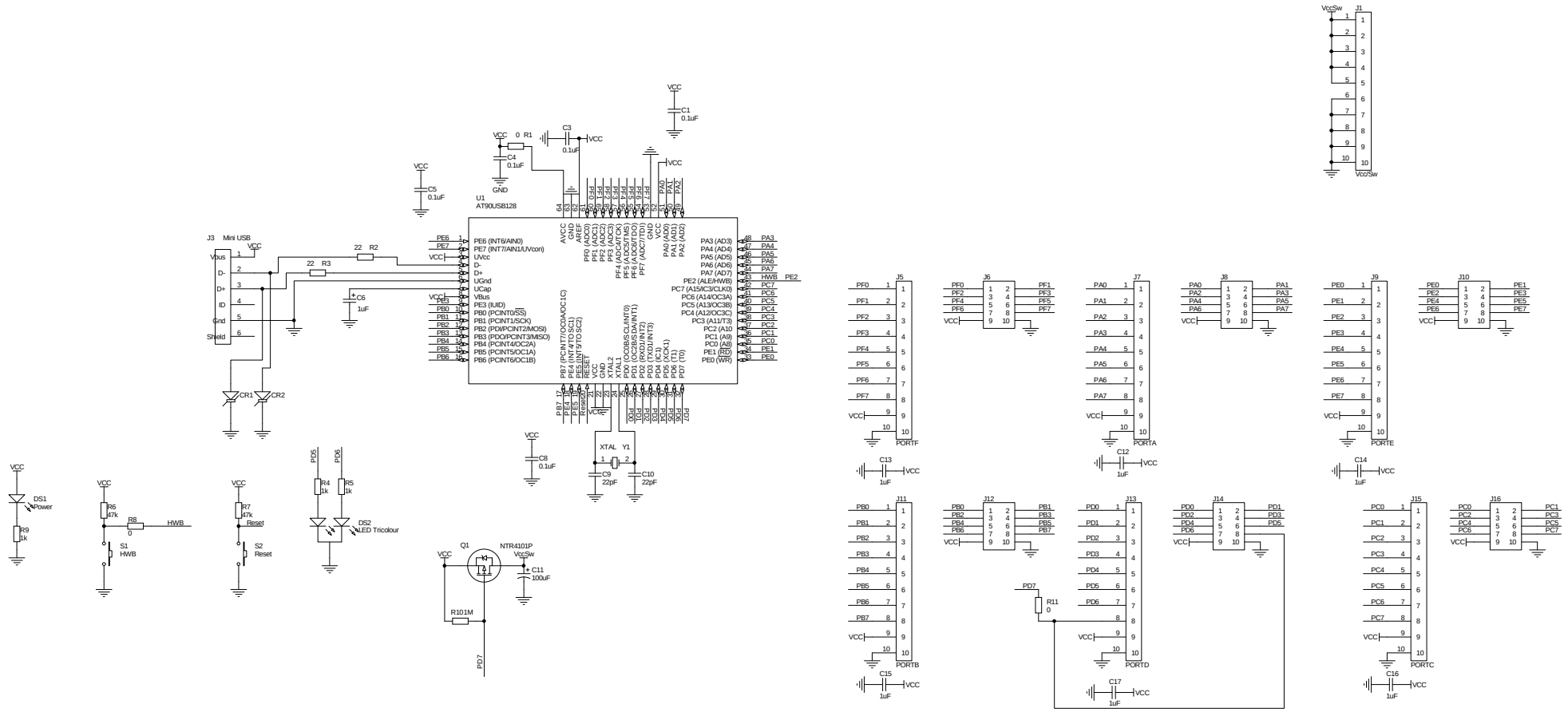
U1
AT90USB128
J3 Mini USB
Vbus
D-
D+
ID
Gnd
Shield
CR1
CR2
R1 0
R2 22
R3 22
C1 0.1uF
C3 0.1uF
C4 0.1uF
C5 0.1uF
C6 1uF
C8 0.1uF
C9 22pF
C10 22pF
XTAL Y1
DS1 Power
R9 1k
R6 47k
R8 0
HWB
S1 HWB
R7 47k
Reset
S2 Reset
R4 1k
R5 1k
DS2 LED Tricolour
Q1 NTR4101P
C11 100uF
R101M
PD7
VccSw
J1
J5 PORTF
J6
J7 PORTA
J8
J9 PORTE
J10
J11 PORTB
J12
J13 PORTD
J14
J15 PORTC
J16
R11 0
C12 1uF
C13 1uF
C14 1uF
C15 1uF
C16 1uF
C17 1uF