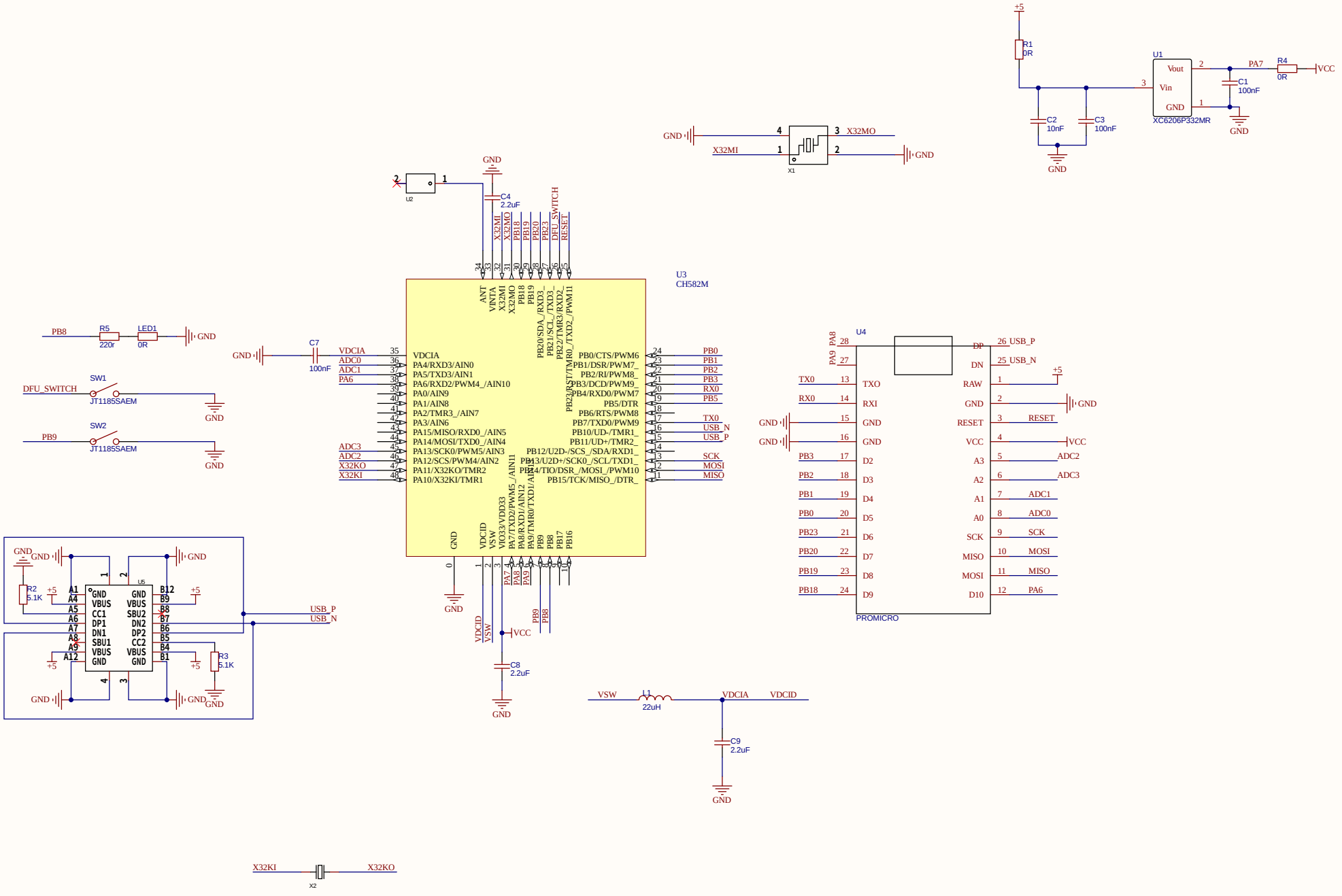
U1
Vout
Vin
GND
XC6206P332MR
R1
0R
C2
10nF
C3
100nF
C1
100nF
R4
0R
PA7
VCC
+5
GND
X1
X32MI
X32MO
U2
C4
2.2uF
U3
CH582M
ANT
VINTA
X32MI
X32MO
PB18
PB19
PB20
PB23
DFU_SWITCH
RESET
VDCIA
ADC0
ADC1
PA6
ADC3
ADC2
X32KO
X32KI
PB0
PB1
PB2
PB3
RX0
PB5
TX0
USB_N
USB_P
SCK
MOSI
MISO
VDCID
VSW
PB9
PB8
PB17
PB16
C7
100nF
R5
220r
LED1
0R
PB8
SW1
JT1185SAEM
DFU_SWITCH
SW2
JT1185SAEM
PB9
U4
PROMICRO
PA8
PA9
TXO
RXI
GND
D2
D3
D4
D5
D6
D7
D8
D9
DP
DN
RAW
RESET
VCC
A3
A2
A1
A0
SCK
MISO
MOSI
D10
USB_P
USB_N
ADC2
ADC3
ADC1
ADC0
U5
R2
5.1K
R3
5.1K
A1
A4
A5
A6
A7
A8
A9
A12
B12
B9
B8
B7
B6
B5
B4
B1
VBUS
CC1
DP1
DN1
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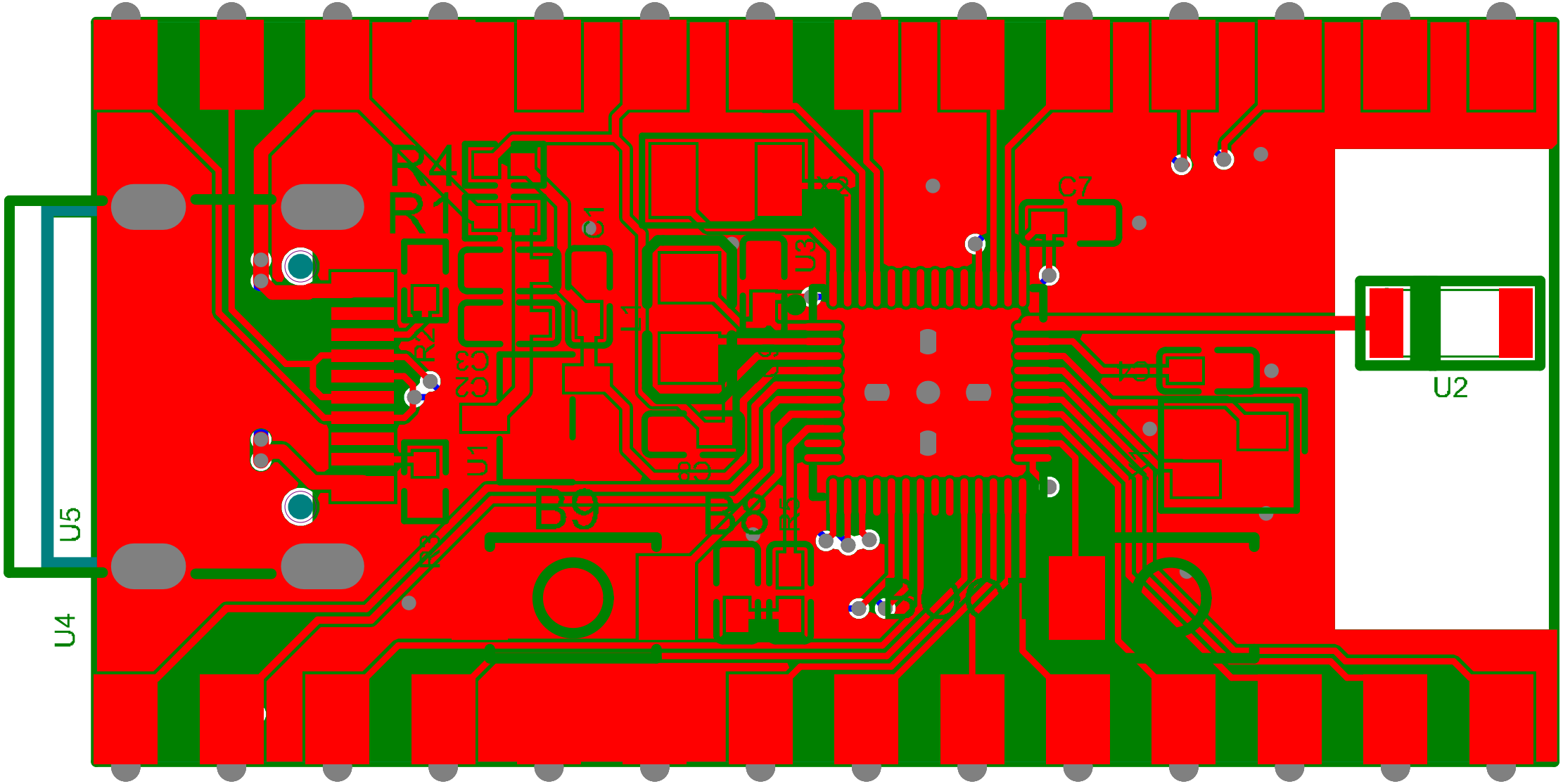
DN2
DP2
CC2
C8
2.2uF
L1
22uH
C9
2.2uF
X2


R4
R1
C1
C3
C2
U3
C7
U2
U5
U4
U1
B9
B8