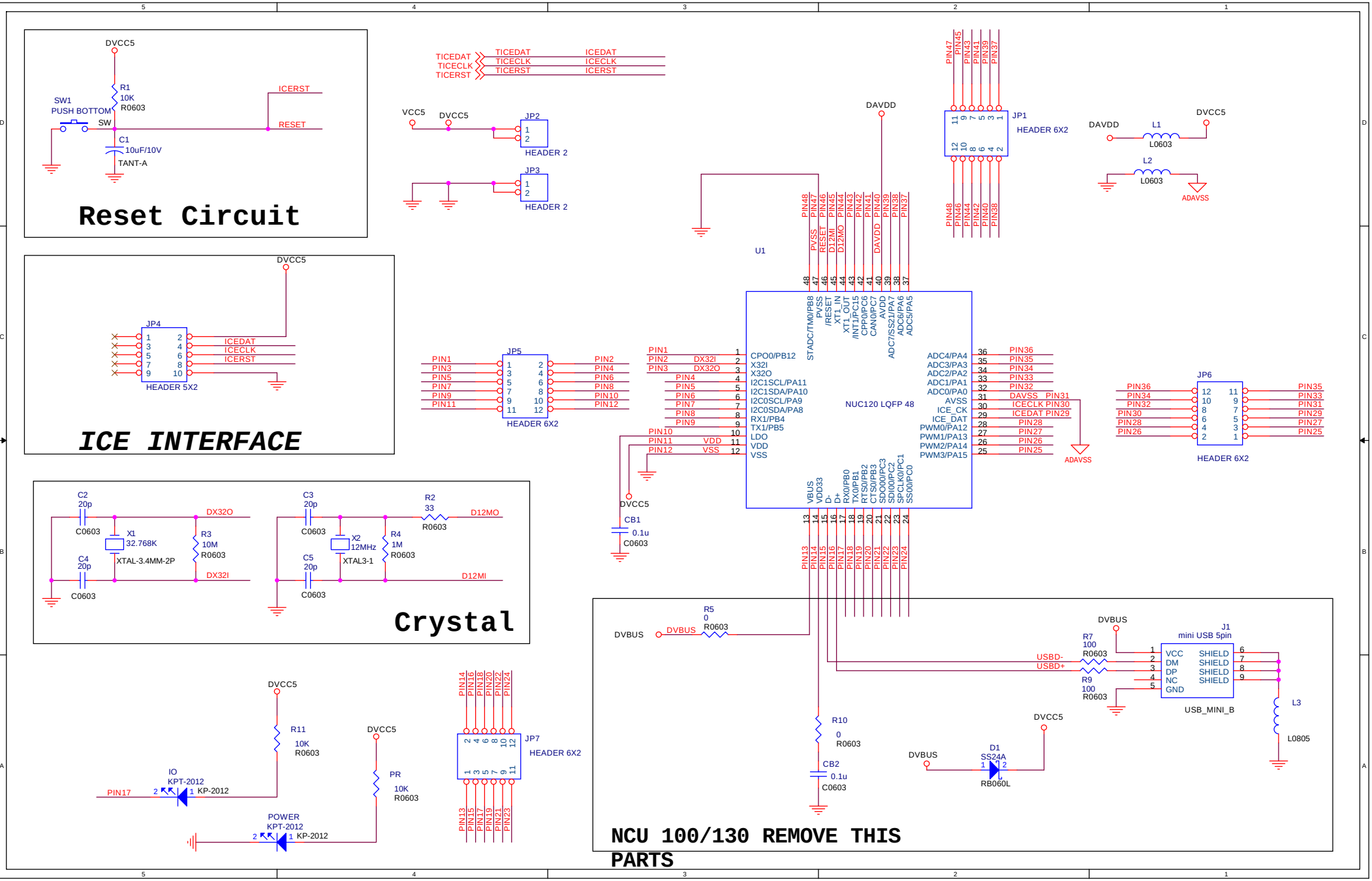
Reset Circuit
DVCC5
R1
10K
R0603
SW1
PUSH BOTTOM
SW
C1
10uF/10V
TANT-A
ICERST
RESET
ICE INTERFACE
JP4
HEADER 5X2
ICEDAT
ICECLK
ICERST
JP5
HEADER 6X2
JP6
HEADER 6X2
JP1
HEADER 6X2
JP2
HEADER 2
JP3
HEADER 2
JP7
HEADER 6X2
U1
NUC120 LQFP 48
CPO0/PB12
X32I
X32O
I2C1SCL/PA11
I2C1SDA/PA10
I2C0SCL/PA9
I2C0SDA/PA8
RX1/PB4
TX1/PB5
LDO
VDD
VSS
ADC4/PA4
ADC3/PA3
ADC2/PA2
ADC1/PA1
ADC0/PA0
AVSS
ICE_CK
ICE_DAT
PWM0/PA12
PWM1/PA13
PWM2/PA14
PWM3/PA15
DAVDD
DVCC5
ADAVSS
L1
L0603
L2
L0603
CB1
0.1u
C0603
C2
20p
C0603
C4
20p
C0603
X1
32.768K
XTAL-3.4MM-2P
R3
10M
R0603
DX32O
DX32I
C3
20p
C0603
C5
20p
C0603
X2
12MHz
XTAL3-1
R4
1M
R0603
R2
33
R0603
D12MO
D12MI
Crystal
DVCC5
R11
10K
R0603
IO
KPT-2012
KP-2012
PIN17
POWER
KPT-2012
KP-2012
DVCC5
PR
10K
R0603
R5
0
R0603
DVBUS
R10
0
R0603
CB2
0.1u
C0603
R7
100
R0603
R9
100
R0603
USBD-
USBD+
J1
mini USB 5pin
VCC
DM
DP
NC
GND
SHIELD
USB_MINI_B
L3
L0805
D1
SS24A
RB060L
NCU 100/130 REMOVE THIS PARTS