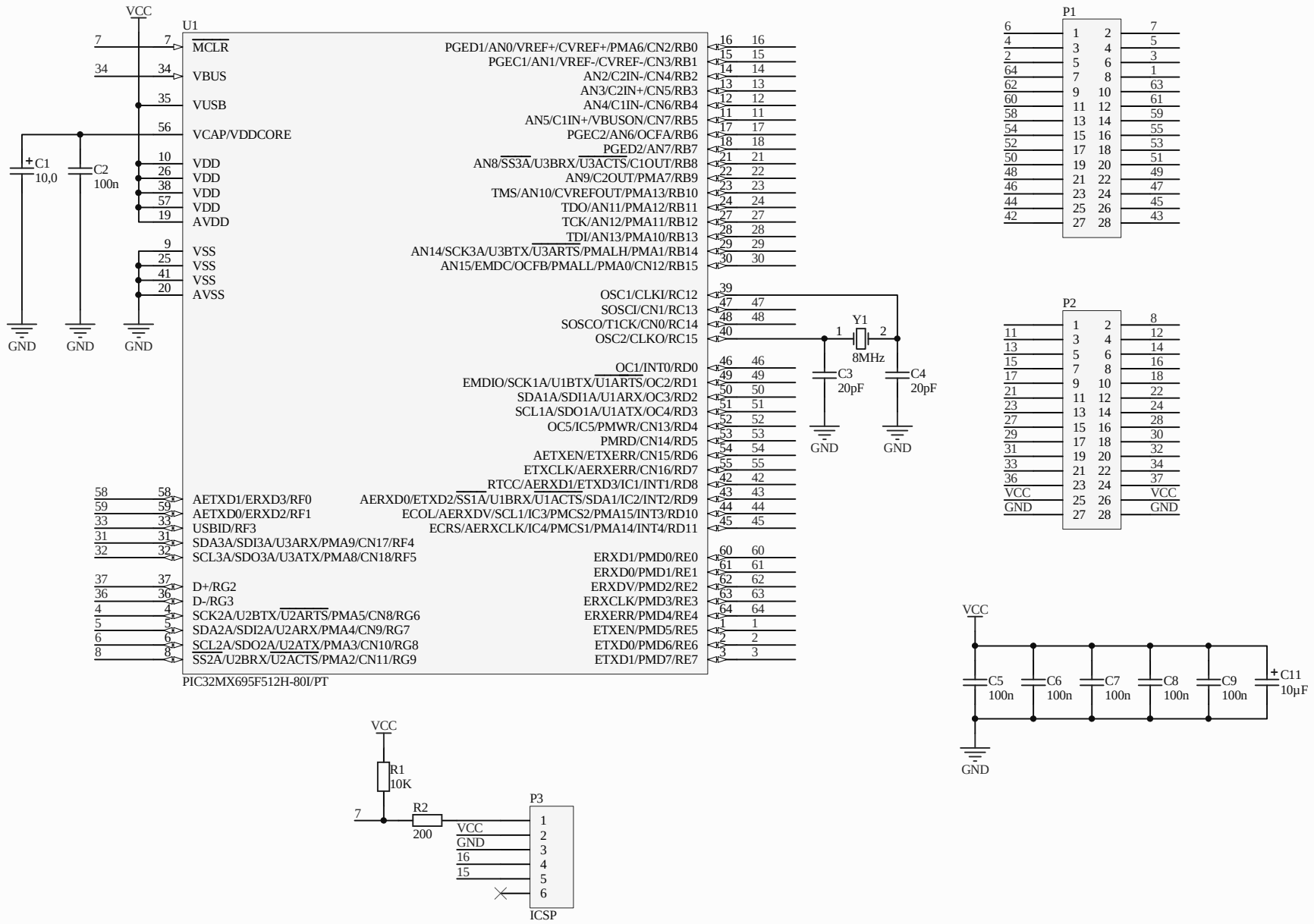
VCC
U1
MCLR
VBUS
VUSB
VCAP/VDDCORE
VDD
VDD
VDD
VDD
AVDD
VSS
VSS
VSS
AVSS
C1
10,0
C2
100n
GND
GND
GND
PGED1/AN0/VREF+/CVREF+/PMA6/CN2/RB0
PGEC1/AN1/VREF-/CVREF-/CN3/RB1
AN2/C2IN-/CN4/RB2
AN3/C2IN+/CN5/RB3
AN4/C1IN-/CN6/RB4
AN5/C1IN+/VBUSON/CN7/RB5
PGEC2/AN6/OCFA/RB6
PGED2/AN7/RB7
AN8/SS3A/U3BRX/U3ACTS/C1OUT/RB8
AN9/C2OUT/PMA7/RB9
TMS/AN10/CVREFOUT/PMA13/RB10
TDO/AN11/PMA12/RB11
TCK/AN12/PMA11/RB12
TDI/AN13/PMA10/RB13
AN14/SCK3A/U3BTX/U3ARTS/PMALH/PMA1/RB14
AN15/EMDC/OCFB/PMALL/PMA0/CN12/RB15
OSC1/CLKI/RC12
SOSCI/CN1/RC13
SOSCO/T1CK/CN0/RC14
OSC2/CLKO/RC15
OC1/INT0/RD0
EMDIO/SCK1A/U1BTX/U1ARTS/OC2/RD1
SDA1A/SDI1A/U1ARX/OC3/RD2
SCL1A/SDO1A/U1ATX/OC4/RD3
OC5/IC5/PMWR/CN13/RD4
PMRD/CN14/RD5
AETXEN/ETXERR/CN15/RD6
ETXCLK/AERXERR/CN16/RD7
RTCC/AERXD1/ETXD3/IC1/INT1/RD8
AERXD0/ETXD2/SS1A/U1BRX/U1ACTS/SDA1/IC2/INT2/RD9
ECOL/AERXDV/SCL1/IC3/PMCS2/PMA15/INT3/RD10
ECRS/AERXCLK/IC4/PMCS1/PMA14/INT4/RD11
ERXD1/PMD0/RE0
ERXD0/PMD1/RE1
ERXDV/PMD2/RE2
ERXCLK/PMD3/RE3
ERXERR/PMD4/RE4
ETXEN/PMD5/RE5
ETXD0/PMD6/RE6
ETXD1/PMD7/RE7
AETXD1/ERXD3/RF0
AETXD0/ERXD2/RF1
USBID/RF3
SDA3A/SDI3A/U3ARX/PMA9/CN17/RF4
SCL3A/SDO3A/U3ATX/PMA8/CN18/RF5
D+/RG2
D-/RG3
SCK2A/U2BTX/U2ARTS/PMA5/CN8/RG6
SDA2A/SDI2A/U2ARX/PMA4/CN9/RG7
SCL2A/SDO2A/U2ATX/PMA3/CN10/RG8
SS2A/U2BRX/U2ACTS/PMA2/CN11/RG9
PIC32MX695F512H-80I/PT
Y1
8MHz
C3
20pF
C4
20pF
GND
GND
P1
P2
VCC
GND
C5
100n
C6
100n
C7
100n
C8
100n
C9
100n
C11
10µF
VCC
R1
10K
R2
200
VCC
GND
P3
ICSP