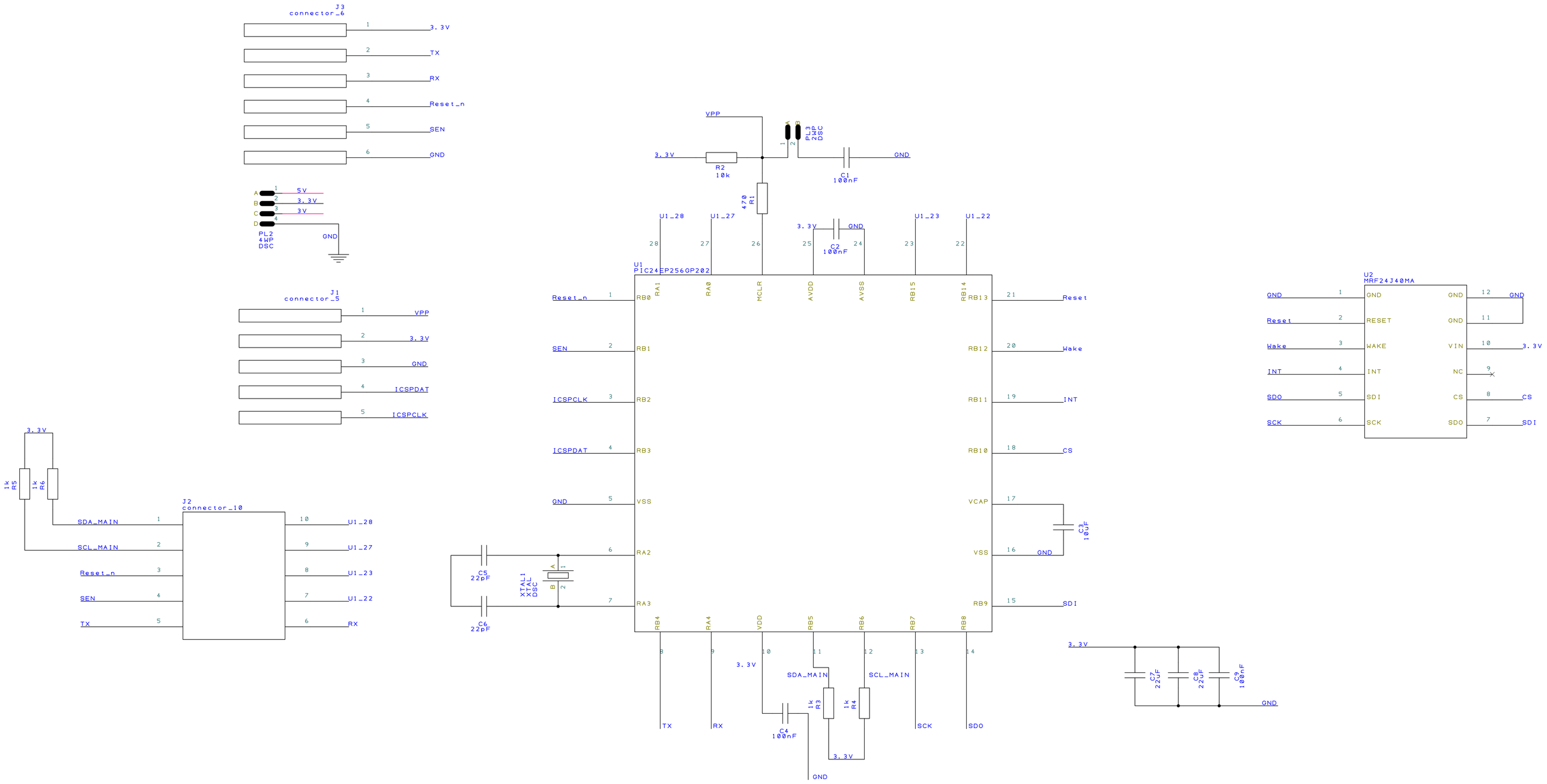
J3
connector_6
3.3V
TX
RX
Reset_n
SEN
GND
PL2
4WP
DSC
5V
3.3V
3V
GND
J1
connector_5
VPP
3.3V
GND
ICSPDAT
ICSPCLK
VPP
3.3V
R2
10k
PL3
2WP
DSC
C1
100nF
GND
470
R1
U1_28
U1_27
U1_23
U1_22
C2
100nF
U1
PIC24EP256GP202
RA1
RA0
MCLR
AVDD
AVSS
RB15
RB14
RB0
RB1
RB2
RB3
VSS
RA2
RA3
RB13
RB12
RB11
RB10
VCAP
VSS
RB9
RB4
RA4
VDD
RB5
RB6
RB7
RB8
Reset_n
SEN
ICSPCLK
ICSPDAT
GND
Reset
Wake
INT
CS
GND
SDI
C3
10uF
C5
22pF
C6
22pF
XTAL1
XTAL
DSC
TX
RX
SDA_MAIN
SCL_MAIN
SCK
SDO
C4
100nF
1k
R3
1k
R4
3.3V
GND
U2
MRF24J40MA
GND
RESET
WAKE
INT
SDI
SCK
GND
GND
VIN
NC
CS
SDO
GND
Reset
Wake
INT
SDO
SCK
3.3V
CS
SDI
3.3V
1k
R5
1k
R6
J2
connector_10
SDA_MAIN
SCL_MAIN
Reset_n
SEN
TX
U1_28
U1_27
U1_23
U1_22
RX
3.3V
C7
22uF
C8
22uF
C9
100nF
GND