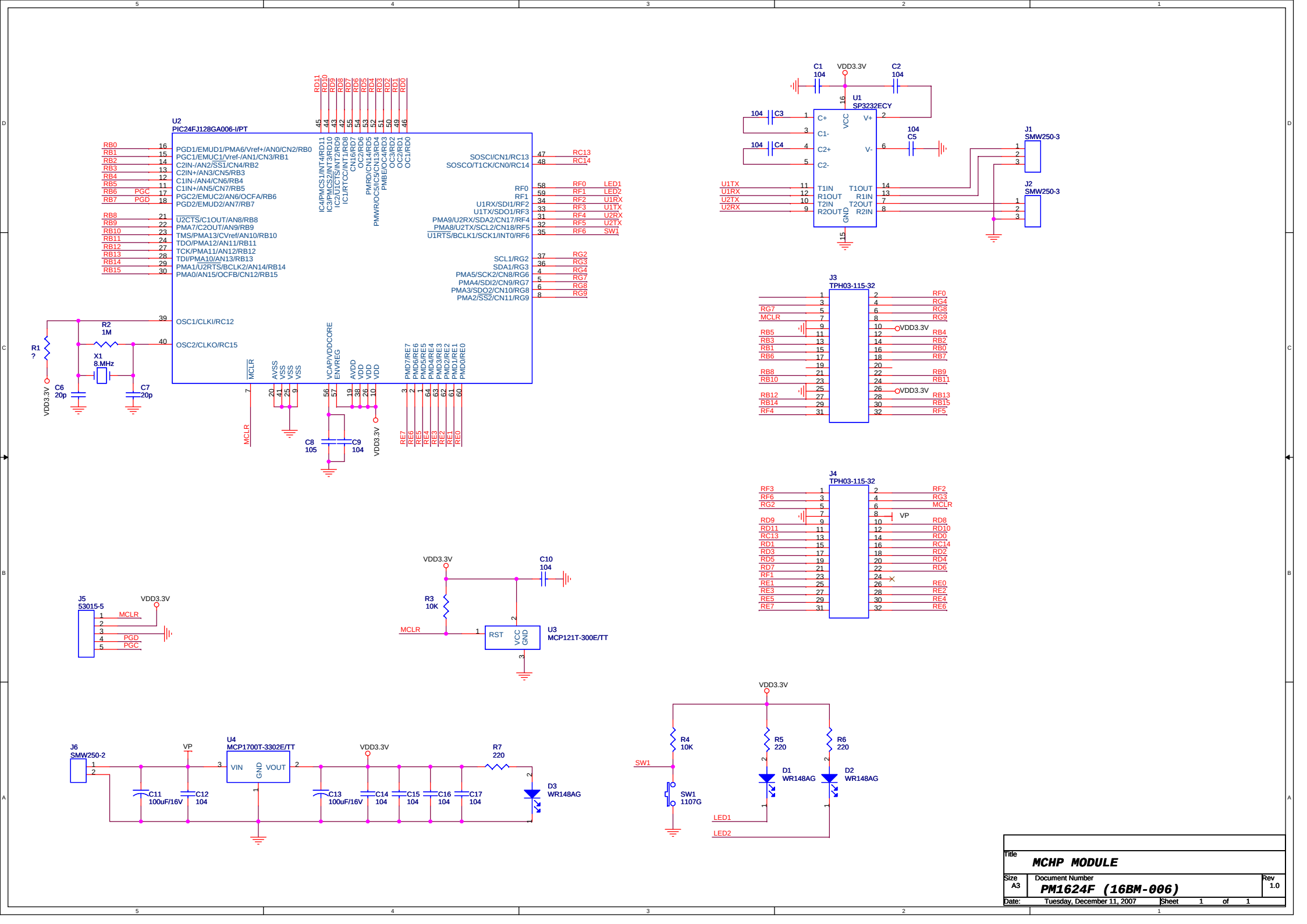
U2
PIC24FJ128GA006-I/PT
PGD1/EMUD1/PMA6/Vref+/AN0/CN2/RB0
PGC1/EMUC1/Vref-/AN1/CN3/RB1
C2IN-/AN2/SS1/CN4/RB2
C2IN+/AN3/CN5/RB3
C1IN-/AN4/CN6/RB4
C1IN+/AN5/CN7/RB5
PGC2/EMUC2/AN6/OCFA/RB6
PGD2/EMUD2/AN7/RB7
U2CTS/C1OUT/AN8/RB8
PMA7/C2OUT/AN9/RB9
TMS/PMA13/CVref/AN10/RB10
TDO/PMA12/AN11/RB11
TCK/PMA11/AN12/RB12
TDI/PMA10/AN13/RB13
PMA1/U2RTS/BCLK2/AN14/RB14
PMA0/AN15/OCFB/CN12/RB15
OSC1/CLKI/RC12
OSC2/CLKO/RC15
SOSCI/CN1/RC13
SOSCO/T1CK/CN0/RC14
RF0
RF1
U1RX/SDI1/RF2
U1TX/SDO1/RF3
PMA9/U2RX/SDA2/CN17/RF4
PMA8/U2TX/SCL2/CN18/RF5
U1RTS/BCLK1/SCK1/INT0/RF6
SCL1/RG2
SDA1/RG3
PMA5/SCK2/CN8/RG6
PMA4/SDI2/CN9/RG7
PMA3/SDO2/CN10/RG8
PMA2/SS2/CN11/RG9
MCLR
AVSS
VSS
VCAP/VDDCORE
ENVREG
AVDD
VDD
PMD7/RE7
PMD6/RE6
PMD5/RE5
PMD4/RE4
PMD3/RE3
PMD2/RE2
PMD1/RE1
PMD0/RE0
R1
?
R2
1M
X1
8.MHz
C6
20p
C7
20p
C8
105
C9
104
VDD3.3V
C1
104
C2
104
C3
104
C4
104
C5
104
U1
SP3232ECY
C+
C1-
C2+
C2-
V+
V-
VCC
GND
T1IN
R1OUT
T2IN
R2OUT
T1OUT
R1IN
T2OUT
R2IN
U1TX
U1RX
U2TX
U2RX
J1
SMW250-3
J2
SMW250-3
J3
TPH03-115-32
J4
TPH03-115-32
J5
53015-5
MCLR
PGD
PGC
VP
C10
104
R3
10K
U3
MCP121T-300E/TT
RST
VCC
GND
J6
SMW250-2
U4
MCP1700T-3302E/TT
VIN
GND
VOUT
C11
100uF/16V
C12
104
C13
100uF/16V
C14
104
C15
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C16
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C17
104
R7
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D3
WR148AG
R4
10K
R5
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R6
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SW1
1107G
D1
WR148AG
D2
WR148AG
LED1
LED2
Title
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Size
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Document Number
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Rev
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Sheet
1
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