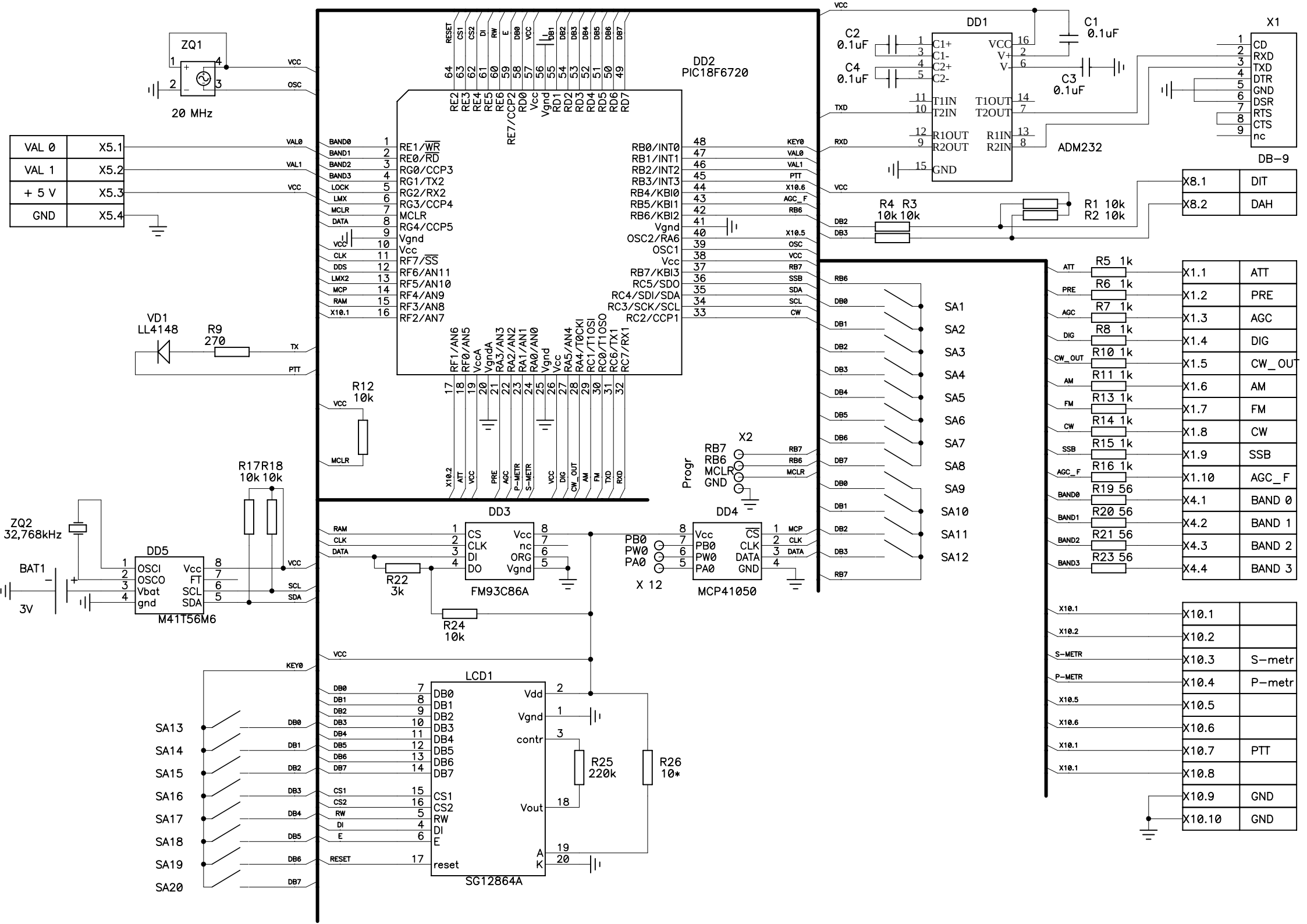
ZQ1
20 MHz
VCC
OSC
DD2
PIC18F6720
RE1/WR
RE0/RD
RG0/CCP3
RG1/TX2
RG2/RX2
RG3/CCP4
MCLR
RG4/CCP5
Vgnd
Vcc
RF7/SS
RF6/AN11
RF5/AN10
RF4/AN9
RF3/AN8
RF2/AN7
RB0/INT0
RB1/INT1
RB2/INT2
RB3/INT3
RB4/KBI0
RB5/KBI1
RB6/KBI2
Vgnd
OSC2/RA6
OSC1
Vcc
RB7/KBI3
RC5/SDO
RC4/SDI/SDA
RC3/SCK/SCL
RC2/CCP1
RF1/AN6
RF0/AN5
VccA
VgndA
RA3/AN3
RA2/AN2
RA1/AN1
RA0/AN0
Vgnd
Vcc
RA5/AN4
RA4/T0CKI
RC1/T1OSI
RC0/T1OSO
RC6/TX1
RC7/RX1
VAL 0
VAL 1
+ 5 V
GND
X5.1
X5.2
X5.3
X5.4
VD1
LL4148
R9
270
TX
PTT
R12
10k
MCLR
ZQ2
32,768kHz
BAT1
3V
DD5
M41T56M6
R17R18
10k 10k
DD3
FM93C86A
R22
3k
R24
10k
DD4
MCP41050
X 12
X2
Progr
SA1
SA2
SA3
SA4
SA5
SA6
SA7
SA8
SA9
SA10
SA11
SA12
SA13
SA14
SA15
SA16
SA17
SA18
SA19
SA20
LCD1
SG12864A
R25
220k
R26
10*
DD1
ADM232
C1
0.1uF
C2
0.1uF
C3
0.1uF
C4
0.1uF
X1
DB-9
R4 R3
10k 10k
R1 10k
R2 10k
X8.1
X8.2
DIT
DAH
R5 1k
R6 1k
R7 1k
R8 1k
R10 1k
R11 1k
R13 1k
R14 1k
R15 1k
R16 1k
R19 56
R20 56
R21 56
R23 56
X1.1
X1.2
X1.3
X1.4
X1.5
X1.6
X1.7
X1.8
X1.9
X1.10
X4.1
X4.2
X4.3
X4.4
ATT
PRE
AGC
DIG
CW_OUT
AM
FM
CW
SSB
AGC_F
BAND0
BAND1
BAND2
BAND3
BAND 0
BAND 1
BAND 2
BAND 3
X10.1
X10.2
X10.3
X10.4
X10.5
X10.6
X10.7
X10.8
X10.9
X10.10
S-metr
P-metr
PTT
GND