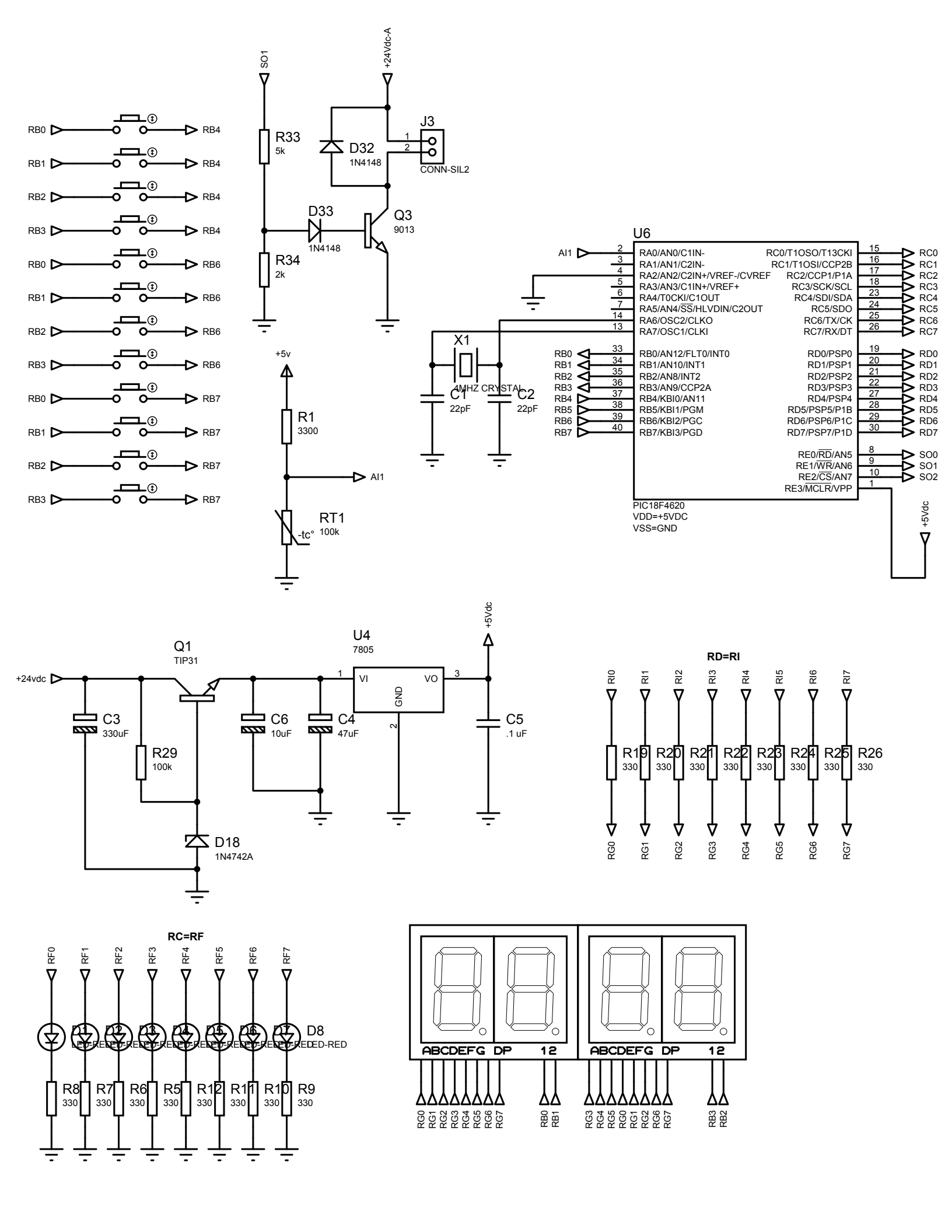
RB0
RB1
RB2
RB3
RB4
RB6
RB7
SO1
+24Vdc-A
R33
5k
D32
1N4148
J3
CONN-SIL2
D33
1N4148
Q3
9013
R34
2k
+5v
R1
3300
AI1
RT1
-tc°
100k
X1
4MHZ CRYSTAL
C1
22pF
C2
22pF
U6
PIC18F4620
VDD=+5VDC
VSS=GND
RA0/AN0/C1IN-
RA1/AN1/C2IN-
RA2/AN2/C2IN+/VREF-/CVREF
RA3/AN3/C1IN+/VREF+
RA4/T0CKI/C1OUT
RA5/AN4/SS/HLVDIN/C2OUT
RA6/OSC2/CLKO
RA7/OSC1/CLKI
RB0/AN12/FLT0/INT0
RB1/AN10/INT1
RB2/AN8/INT2
RB3/AN9/CCP2A
RB4/KBI0/AN11
RB5/KBI1/PGM
RB6/KBI2/PGC
RB7/KBI3/PGD
RC0/T1OSO/T13CKI
RC1/T1OSI/CCP2B
RC2/CCP1/P1A
RC3/SCK/SCL
RC4/SDI/SDA
RC5/SDO
RC6/TX/CK
RC7/RX/DT
RD0/PSP0
RD1/PSP1
RD2/PSP2
RD3/PSP3
RD4/PSP4
RD5/PSP5/P1B
RD6/PSP6/P1C
RD7/PSP7/P1D
RE0/RD/AN5
RE1/WR/AN6
RE2/CS/AN7
RE3/MCLR/VPP
SO0
SO1
SO2
+5Vdc
Q1
TIP31
+24vdc
U4
7805
VI
VO
GND
+5Vdc
C3
330uF
R29
100k
C6
10uF
C4
47uF
C5
.1 uF
D18
1N4742A
RD=RI
RI0
RI1
RI2
RI3
RI4
RI5
RI6
RI7
R19
R20
R21
R22
R23
R24
R25
R26
330
RG0
RG1
RG2
RG3
RG4
RG5
RG6
RG7
RC=RF
RF0
RF1
RF2
RF3
RF4
RF5
RF6
RF7
D8
LED-RED
R8
R7
R6
R5
R12
R11
R10
R9
ABCDEFG DP
12
RB0
RB1
RB3
RB2