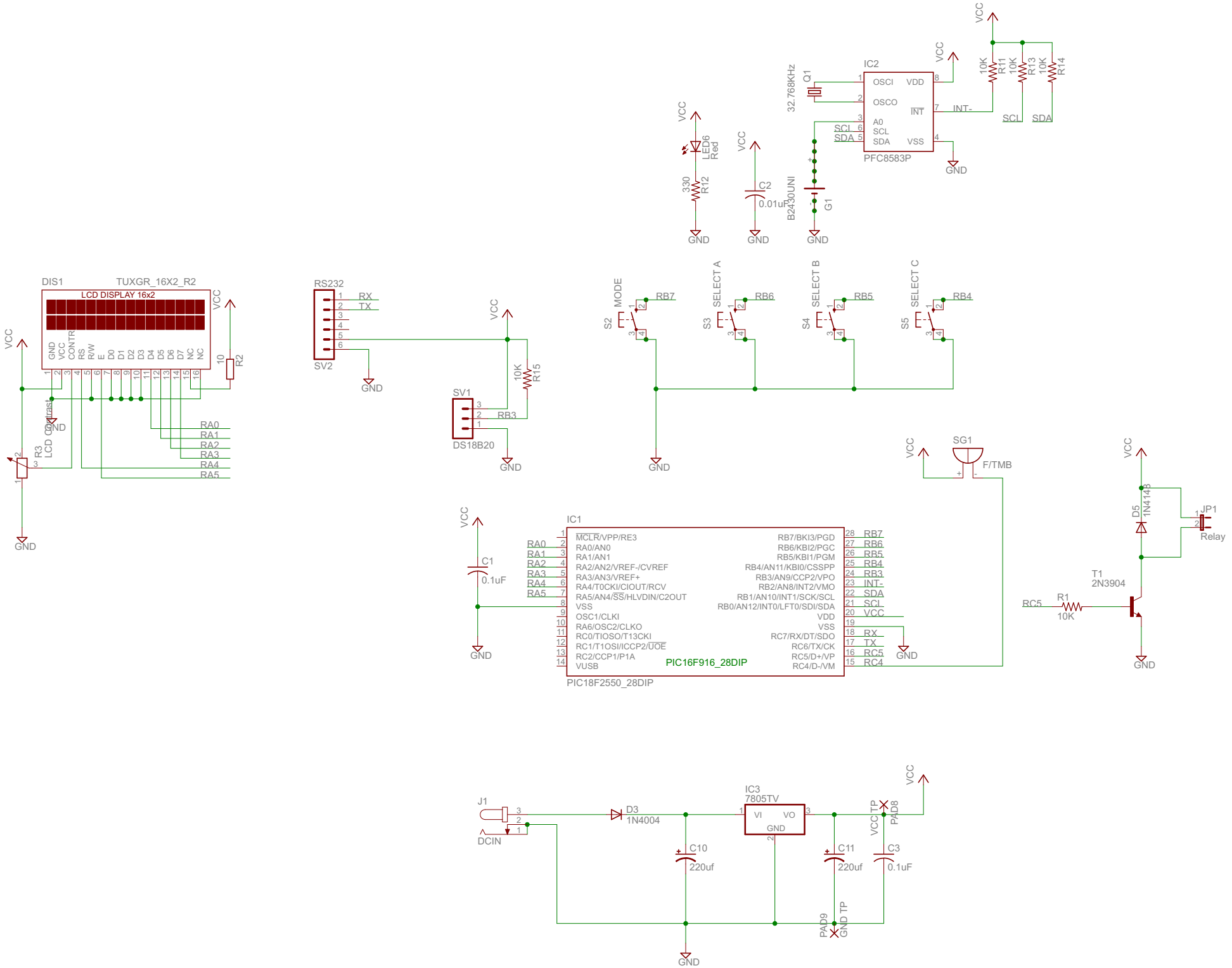
DIS1
TUXGR_16X2_R2
LCD DISPLAY 16x2
GND VCC CONTR RS R/W E D0 D1 D2 D3 D4 D5 D6 D7 NC NC
VCC
R2
10
R3
LCD Contrast
RA0
RA1
RA2
RA3
RA4
RA5
GND
RS232
SV2
RX
TX
SV1
DS18B20
RB3
10K
R15
MODE
S2
RB7
SELECT A
S3
RB6
SELECT B
S4
RB5
SELECT C
S5
RB4
IC2
PFC8583P
OSCI
OSCO
A0
SCL
SDA
VDD
VSS
INT
INT-
32.768KHz
Q1
LED6
Red
330
R12
C2
0.01uF
B2430UNI
G1
10K
R11
R13
R14
SG1
F/TMB
IC1
PIC18F2550_28DIP
PIC16F916_28DIP
MCLR/VPP/RE3
RA0/AN0
RA1/AN1
RA2/AN2/VREF-/CVREF
RA3/AN3/VREF+
RA4/T0CKI/CIOUT/RCV
RA5/AN4/SS/HLVDIN/C2OUT
VSS
OSC1/CLKI
RA6/OSC2/CLKO
RC0/TIOSO/T13CKI
RC1/T1OSI/ICCP2/UOE
RC2/CCP1/P1A
VUSB
RB7/BKI3/PGD
RB6/KBI2/PGC
RB5/KBI1/PGM
RB4/AN11/KBI0/CSSPP
RB3/AN9/CCP2/VPO
RB2/AN8/INT2/VMO
RB1/AN10/INT1/SCK/SCL
RB0/AN12/INT0/LFT0/SDI/SDA
VDD
VSS
RC7/RX/DT/SDO
RC6/TX/CK
RC5/D+/VP
RC4/D-/VM
RX
TX
RC5
RC4
C1
0.1uF
D5
1N4148
JP1
Relay
T1
2N3904
R1
10K
RC5
J1
DCIN
D3
1N4004
IC3
7805TV
VI
VO
GND
C10
220uf
C11
220uf
C3
0.1uF
VCC TP
PAD8
PAD9
GND TP