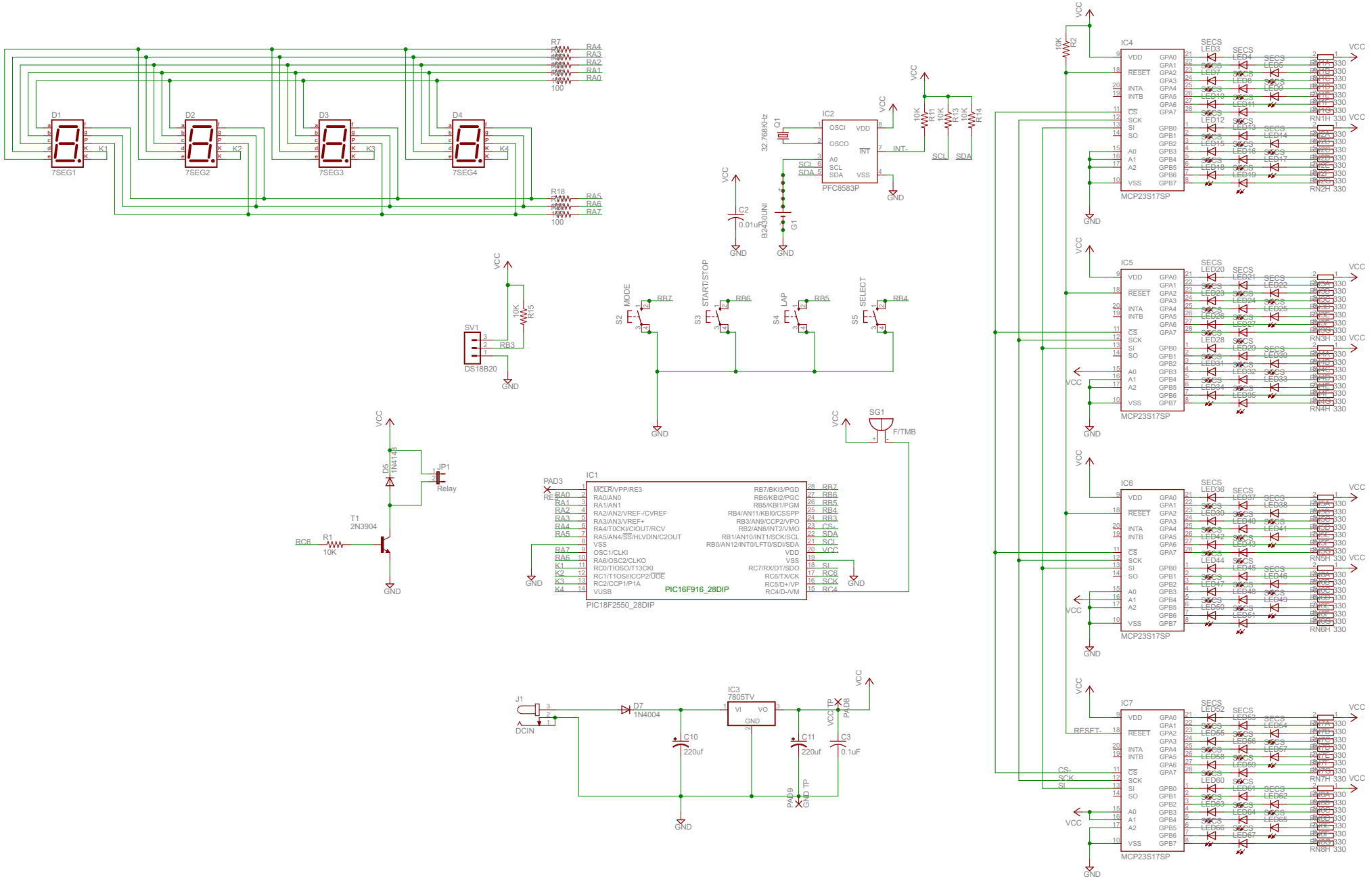

D1
7SEG1
D2
7SEG2
D3
7SEG3
D4
7SEG4
K1
K2
K3
K4
R7
R18
RA4
RA3
RA2
RA1
RA0
RA5
RA6
RA7
100
IC2
PFC8583P
OSCI
OSCO
A0
SCL
SDA
VDD
INT
VSS
INT-
Q1
32.768KHz
C2
0.01uF
B2430UNI
G1
R11
R13
R14
10K
VCC
GND
SV1
DS18B20
RB3
R15
S2
MODE
RR7
S3
START/STOP
RR6
S4
LAP
RR5
S5
SELECT
RR4
SG1
F/TMB
IC1
PIC18F2550_28DIP
PIC16F916_28DIP
PAD3
RE3
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/T1OSO/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
D5
1N4148
JP1
Relay
T1
2N3904
RC6
R1
10K
J1
DCIN
D7
1N4004
IC3
7805TV
VI
VO
GND
C10
220uf
C11
220uf
C3
0.1uF
PAD8
PAD9
IC4
IC5
IC6
IC7
MCP23S17SP
VDD
RESET
INTA
INTB
CS
SCK
SI
SO
A0
A1
A2
VSS
GPA0
GPA1
GPA2
GPA3
GPA4
GPA5
GPA6
GPA7
GPB0
GPB1
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RN1H 330
RN2H 330
RN3H 330
RN4H 330
RN5H 330
RN6H 330
RN7H 330
RN8H 330
RESET-
CS-
SCK
SI