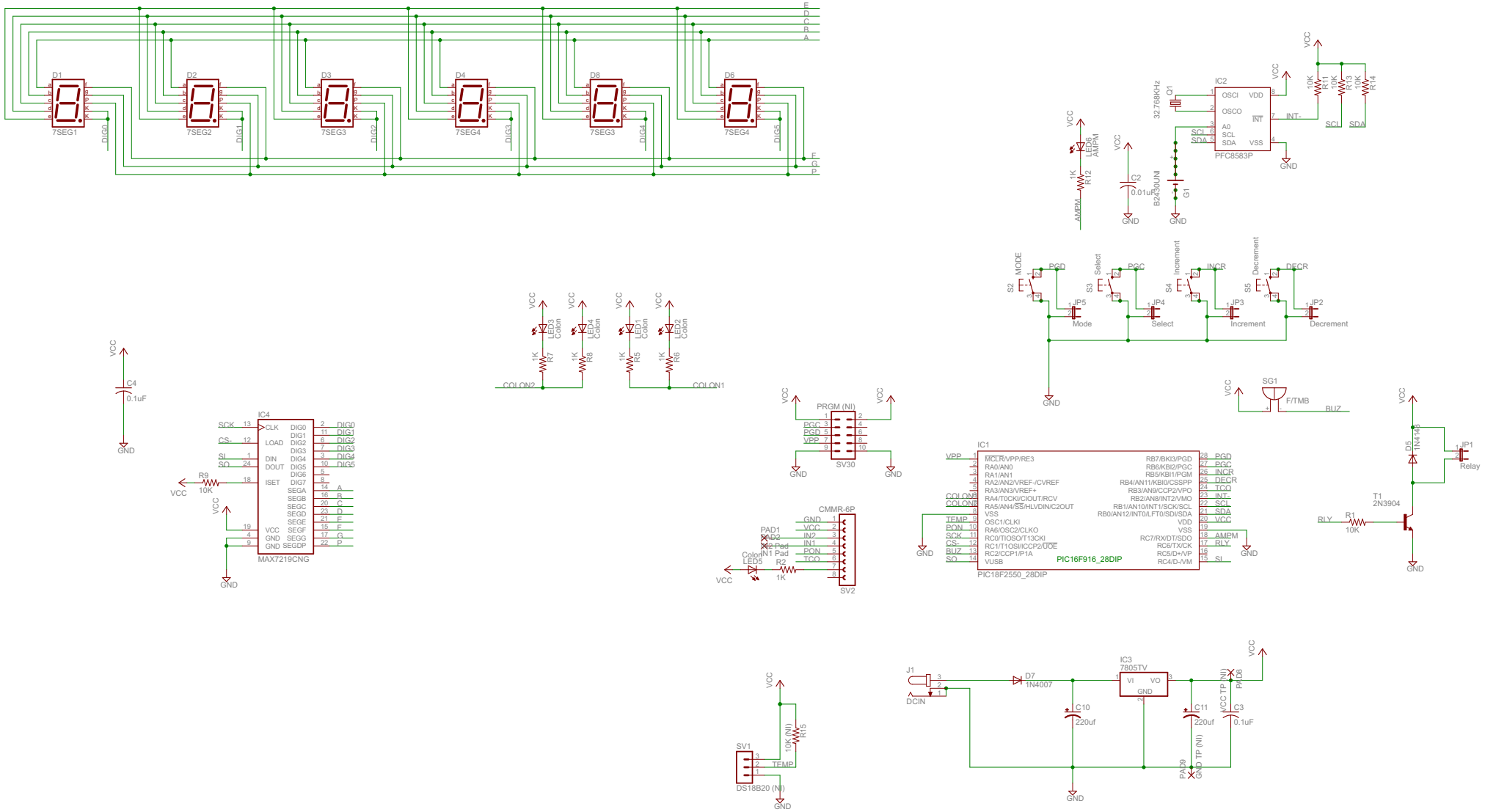

D1
7SEG1
D2
7SEG2
D3
7SEG3
D4
7SEG4
D8
7SEG3
D6
7SEG4
DIG0
DIG1
DIG2
DIG3
DIG4
DIG5
E
D
C
B
A
F
G
P
IC2
PFC8583P
32.768KHz
Q1
OSCI
OSCO
VDD
INT
A0
SCL
SDA
VSS
INT-
SCL
SDA
VCC
GND
LED6
AMPM
R12
1K
C2
0.01uF
B2430UNI
G1
S2
MODE
PGD
JP5
Mode
S3
Select
PGC
JP4
Select
S4
Increment
INCR
JP3
Increment
S5
Decrement
DECR
JP2
Decrement
SG1
F/TMB
BUZ
LED3
Colon
LED4
Colon
LED1
Colon
LED2
Colon
R7
R8
R5
R6
COLON2
COLON1
C4
0.1uF
IC4
MAX7219CNG
SCK
CS-
SI
SO
CLK
LOAD
DIN
DOUT
ISET
VCC
GND
SEGDP
R9
10K
PRGM (NI)
SV30
CMMR-6P
SV2
PAD1
PAD2
Colon
LED5
R2
1K
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
VPP
COLON8
COLON9
TEMP
PON
SCK
CS-
BUZ
SO
PGD
PGC
INCR
DECR
TCO
INT-
SCL
SDA
VCC
AMPM
RLY
SI
D5
1N4148
JP1
Relay
T1
2N3904
RLY
R1
10K
SV1
DS18B20 (NI)
10K (NI)
R15
TEMP
J1
DCIN
D7
1N4007
IC3
7805TV
VI
VO
GND
C10
220uf
C11
220uf
C3
0.1uF
VCC TP (NI)
PAD8
PAD9
GND TP (NI)