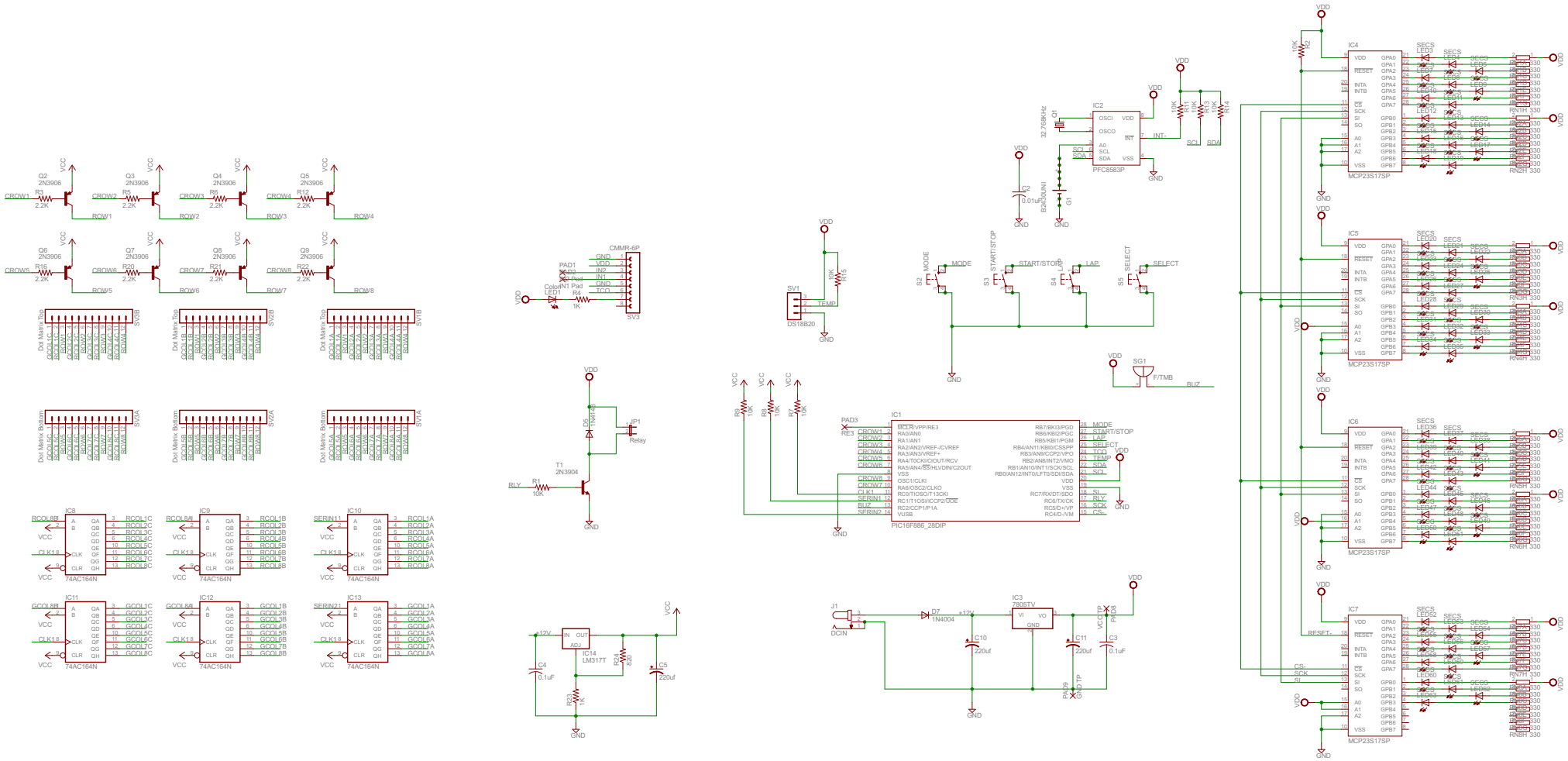

Q2 2N3906
Q3 2N3906
Q4 2N3906
Q5 2N3906
Q6 2N3906
Q7 2N3906
Q8 2N3906
Q9 2N3906
CROW1
CROW2
CROW3
CROW4
CROW5
CROW6
CROW7
CROW8
ROW1
ROW2
ROW3
ROW4
ROW5
ROW6
ROW7
ROW8
VCC
Dot Matrix Top
Dot Matrix Bottom
SV3B
SV2B
SV1B
SV3A
SV2A
SV1A
IC8
IC9
IC10
IC11
IC12
IC13
74AC164N
RCOL8B
RCOL8A
SERIN11
SERIN21
GCOL8B
GCOL8A
CMMR-6P
PAD1
Color IN1 Pad
LED1
R4 1K
SV3
SV1
DS18B20
R15 10K
TEMP
MODE
START/STOP
LAP
SELECT
SG1
F/TMB
BUZ
IC1
PIC16F886_28DIP
PAD3
RE3
R9 10K
R8 10K
R7 10K
JP1
Relay
D5 1N4148
T1 2N3904
RLY
R1 10K
IC14 LM317T
R24 820
R23 1K
C4 0.1uF
C5 220uf
+12V
J1
DCIN
D7 1N4004
IC3 7805TV
C10 220uf
C11 220uf
C3 0.1uF
IC2
PFC8583P
32.768KHz
Q1
C2 0.01uF
B2430UNI
G1
R11 10K
R13 10K
R14 10K
IC4
IC5
IC6
IC7
MCP23S17SP
RESET
CS-
SCK
SI
SECS
LED3
LED12
LED28
LED44
LED52
LED60
RN1H 330
RN2H 330
RN3H 330
RN4H 330
RN5H 330
RN6H 330
RN7H 330
RN8H 330
VDD
GND