LED / NEON 1 SEGMENT

ROW_1
ROW_2
ROW_3
ROW_4
ROW_5
ROW_6
ROW_7
ROW_8
ROW_9
ROW_10

R1 330
R3 330
R20 330
R21 330
R22 330
R23 330
R24 330
R25 330
R26 330
R27 330

Colum_1 — R4 1k — Q12 2N3904(SOT-23)
Colum_2 — R7 1k — Q2 2N3906(SOT-23)
Colum_3 — R11 1k — Q11 2N3904(SOT-23)
Colum_4 — R8 1k — Q10 2N3904(SOT-23)
Colum_5 — R15 1k — Q8 2N3904(SOT-23)
Colum_6 — R12 1k — Q7 2N3904(SOT-23)

TWELVE — R17 330 — Q6 — LED#12
ELEVEN — R5 330 — Q1 — LED#11
TEN — R6 330 — Q3 — LED#10
NINE — R9 330 — Q4 — LED#9
EIGHT — R10 330 — Q5 — LED#8
2N3904(SOT-23)
SEVEN — R13 330 — Q13 — LED#7
SIX — R14 330 — Q14 — LED#6
FIVE — R16 330 — Q15 — LED#5
FOUR — R18 330 — Q16 — LED#4
THREE — R19 330 — Q17 — LED#3
TWO — R28 330 — Q18 — LED#2
ONE — R29 330 — Q19 — LED#1

BLINKING-L — Q9 — BLINKING-L-EYE
BLINKING-R — Q20 — LED2 BLINKING-R-EYE

12V+
GND

R2 10k
+5V
C1 0.1u
H1 HDR-F-2.54_1x5
MCLR
PGD
PGC
GND

DC2 PJ-002A
12V+
U19 7805(TO-220)
IN
OUT
GND
VCC
C5 33uf
C4 .1uf

PIC18F46K22T-I/PT
U2
ELEVEN TEN NINE EIGHT SEVEN SIX FIVE FOUR THREE TWO
TWELVE
ROW-1 ROW-2 ROW-4 ROW-5
ROW-6 ROW-7 ROW-8 ROW-9 ROW-10 Colum_1
ONE Colum_4 Colum_5 Colum_3 Colum_2
#MCLR/VPP/RE3
PGC/RB6
PGD/RB7
C3 0.1u
C2 0.1u