Blank Integrated Circuit Board

TRANSFORMER

1N4001

1N4001

GND

GND

+5 REG 7805 +5V

C1 2200uF

+

−

OUTPUT

GND

+5V

1K Ohms

1K Ohms

100 Ohms

C E

B Q5

4.7K Ohms

100 Ohms

C E

B Q4

4.7K Ohms

100 Ohms

C E

B Q3

4.7K Ohms

7

IC 7400

8   14

11

+5V

1K Ohms

1K Ohms

470 Ohms

1N4001   4 3

7

8   14

100 Ohms

C E

B Q2

4.7K Ohms

GND

100 Ohms

C E

B Q1

4.7K Ohms

+5V

Q1   NC2

Q2−   NO1

NO2   NC1

R−LED−A   Q1−

R−LED−C   Q2

G−LED−A   T−7

G−LED−C

T−8

1   IC

7404   POT1   POT2

GND
GND

1 uF   C2

4   1

5   8

IC
555

500 Ohms

+5V

+5V

T1   LD1
T2   LD2
T3   LD3
T4   LD4
T5   LD5
+V4 +V1
+V3 +V2

1K Ohms   1K Ohms   1K Ohms   1K Ohms

EMT 1130 V2

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