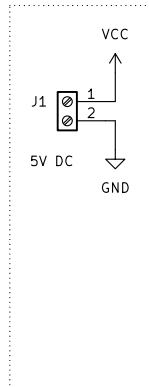
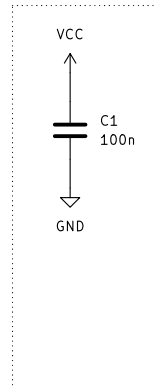


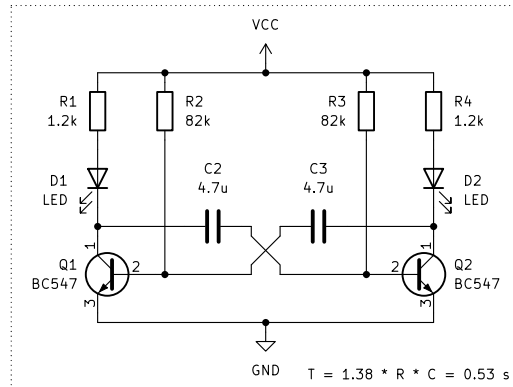
Screw Terminal



Bypass Capacitor



Astable Multivibrator



Diagonal traces: Shift + Space

Comments

All components: THT

J1: screw terminal block, 1x02, pitch 5.08 mm

Q1, Q2: NPN transistors BC547(C), TO-92 package

D1, D2: LED, T-1 3/4 (5mm), red, 1.8V, 2mA

C1: ceramic capacitor, MLCC, 100 nF, length 4.6mm, width 2.0mm, pitch 2.50mm

C2, C3: ceramic capacitor, MLCC, 4.7 uF, length 4.6mm, width 2.0mm, pitch 2.50mm

R1, R4: resistor, 1/4W, DIN0207, 1.2 k, horizontal, length 6.3mm, diameter 2.5mm, pitch 7.6mm

R2, R3: resistor, 1/4W, DIN0207, 82 k, horizontal, length 6.3mm, diameter 2.5mm, pitch 7.6mm

FW

TU Wien

Sheet: /

File: blink.kicad_sch

Title: Task1 – Astable Multivibrator

Size: A4

Date: 2024-11-26

Rev:

KiCad E.D.A. 8.0.5

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