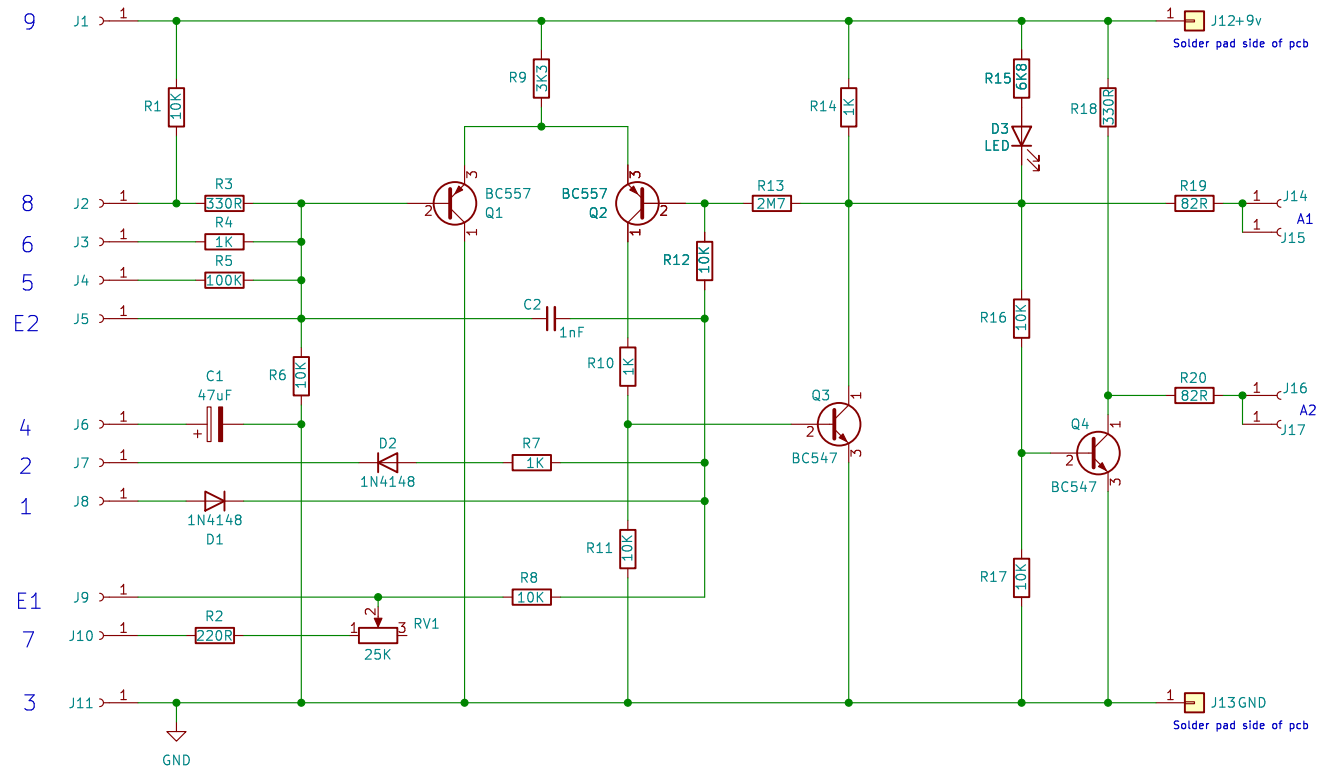




Classic Grundbaustein

NEGATIVE LOGIC

Arnoud van Delden
Whizzbizz

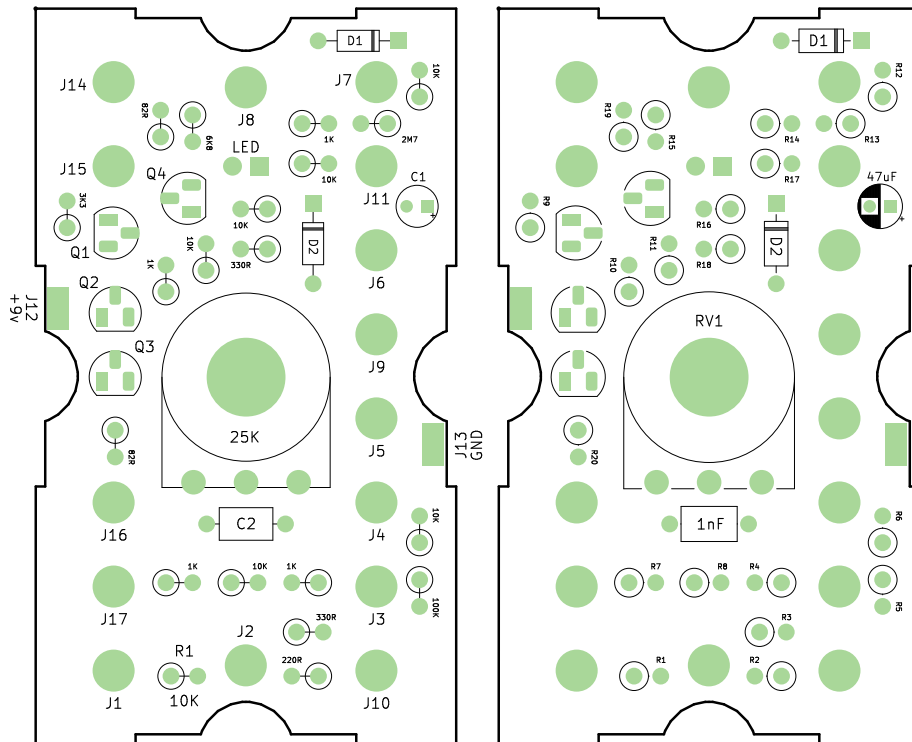
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Size: A4 Date: 2024-06-22
KiCad E.D.A. kicad 7.0.10

Rev:
Id: 1/1

Classic fischertechnik Grundbaustein "Silberling" Rekonstruktion - Stückliste und Bauteilanordnung



Waarden en schema-designators componenten plaatsingszijde
Values and diagram designators components placement side
Werte und Schema-Bezeichner Komponenten Platzierungsseite

Classic Grundbaustein			
Designator	Footprint	Quantity	Designation
Silberling Case	3D Printed	1	
Module lid with front plate	3D Printed + Laminated Front	1	
Potentiometer Knob	3D Printed	1	
Screw 2x6 for lid		4	
3mm Metal Strip Long	3mm Metal Strip Long	2	
3mm Metal Strip Short	3mm Metal Strip Short	2	
J16,J14,J2,J7,J6,J15,J3,J8,J4,J10,J9,J17,J1,J5,J11	PTN2-10 pin for FT plug	15	
RV1	Small Potentiometer	1	25K
J12	Side Strip Solder	1	+9v
J13	Side Strip Solder	1	GND
R2	1/4W Resistor (vertically mounted)	1	220R
R11,R6,R8,R17,R16,R1,R12	1/4W Resistor (vertically mounted)	7	10K
R15	1/4W Resistor (vertically mounted)	1	6K8
R10,R14,R4,R7	1/4W Resistor (vertically mounted)	4	1K
R19,R20	1/4W Resistor (vertically mounted)	2	82R
R9	1/4W Resistor (vertically mounted)	1	3K3
R5	1/4W Resistor (vertically mounted)	1	100K
R3,R18	1/4W Resistor (vertically mounted)	2	330R
R13	1/4W Resistor (vertically mounted)	1	2M7
Q1,Q2	Generic PNP Transistor TO-92	2	BC557
Q4,Q3	Generic NPN Transistor TO-92	2	BC547
D1,D2	Small Diode	2	1N4148
C1	Electrolytic Capacitor >=10V	1	47uF
C2	Small Ceramic Capacitor	1	1nF
D3	LED 3mm	1	

Let op - Q1 & Q2 = **BC557** - Q3 & Q4 = **BC547**
 Note - Q1 & Q2 = **BC557** - Q3 & Q4 = **BC547**
 Achtung - Q1 & Q2 = **BC557** - Q3 & Q4 = **BC547**