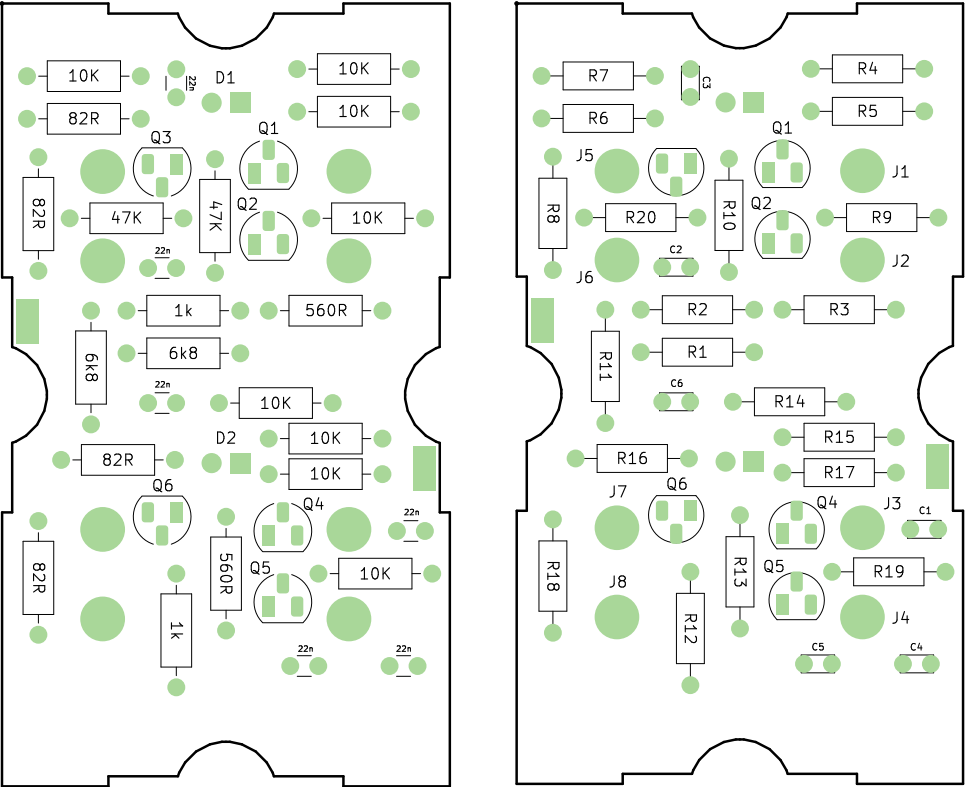


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Classic fischertechnik Dual XOR/XNOR "Silberling" - onderdelenlijst en componentenopstelling
Classic fischertechnik Dual XOR/XNOR "Silberling" - parts list and component layout
Classic fischertechnik Dual XOR/XNOR "Silberling" - Stückliste und Bauteilanordnung



Dual 2-input XOR

Reference	Footprint	Quantity	Value
Silberling Case	3D Printed	1	
Module lid with front plate	3D Printed + Laminated Front	1	
Screw 2x6 for lid		4	
3mm Metal Strip Long	3mm Metal Strip Long	2	
3mm Metal Strip Short	3mm Metal Strip Short	2	
J1, J2, J3, J4, J5, J6, J7, J8	PTN2-10 pin for FT plug	8	
J9	Side Strip Solder	1	+9v
J10	Side Strip Solder	1	GND
C1, C2, C3, C4, C5, C6	Small Ceramic Capacitor	6	22n
D1, D2	LED 3mm	2	LED
Q1, Q2, Q3, Q4, Q5, Q6	Generic NPN Transistor TO-92	6	BC547
R1, R11	1/4W Resistor (horizontally mounted)	2	6K8 Ω
R2, R12	1/4W Resistor (horizontally mounted)	2	1K Ω
R3, R13	1/4W Resistor (horizontally mounted)	2	560 Ω
R4, R5, R7, R9, R14, R15, R17, R19	1/4W Resistor (horizontally mounted)	8	10K Ω
R6, R8, R16, R18	1/4W Resistor (horizontally mounted)	4	82 Ω
R10, R20	1/4W Resistor (horizontally mounted)	2	47K Ω

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