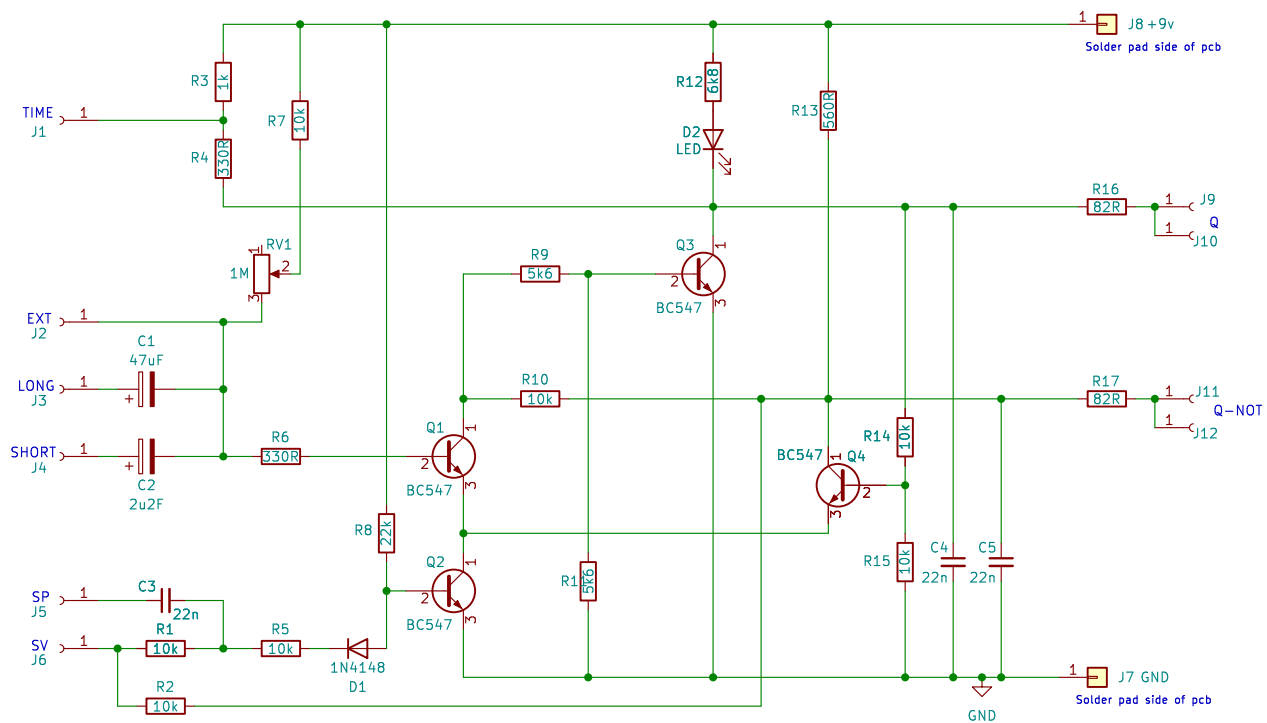




## Classic FT Monoflop

NEGATIVE LOGIC

Arnoud van Delden  
Whizzbizz

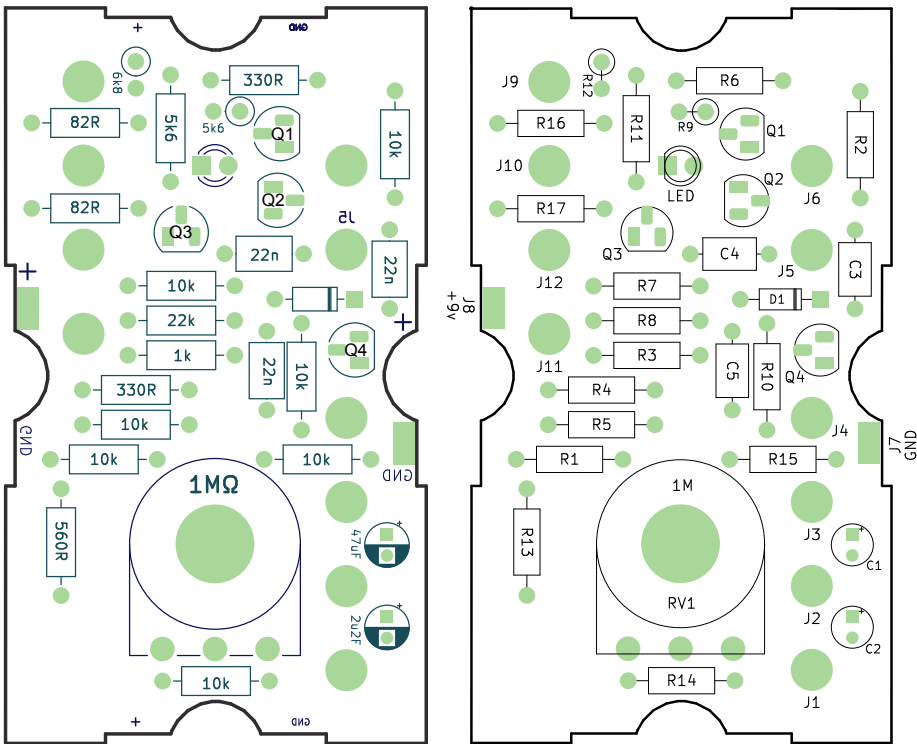
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**Title: Classic FT Monoflop**

Size: A4 Date: 2024-06-21  
KiCad E.D.A. kicad 7.0.10

Rev:  
Id: 1/1

# Classic fischertechnik monoflop "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 Monoflop

| Designator                       | Type                               | Quantity | Value  |
|----------------------------------|------------------------------------|----------|--------|
| 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        |        |
| J11,J10,J3,J12,J9,J5,J6,J4,J2,J1 | PTN2-10 pin for FT plug            | 10       |        |
| RV1                              | Small Potentiometer                | 1        | 1M Ω   |
| J7                               | Side Strip Solder                  | 1        | GND    |
| J8                               | Side Strip Solder                  | 1        | +9v    |
| R12                              | 1/4W Resistor (vertically mounted) | 1        | 6K8 Ω  |
| R5,R2,R10,R14,R15,R7,R1          | 1/4W Resistor                      | 7        | 10K Ω  |
| R6,R4                            | 1/4W Resistor                      | 2        | 330 Ω  |
| R13                              | 1/4W Resistor                      | 1        | 560 Ω  |
| R17,R16                          | 1/4W Resistor                      | 2        | 82 Ω   |
| R9                               | 1/4W Resistor (vertically mounted) | 1        | 5K6 Ω  |
| R11                              | 1/4W Resistor                      | 1        | 5K6 Ω  |
| R8                               | 1/4W Resistor                      | 1        | 22K Ω  |
| R3                               | 1/4W Resistor                      | 1        | 1K Ω   |
| D1                               | Small Diode                        | 1        | 1N4148 |
| C3,C5,C4                         | Small Ceramic Capacitor            | 3        | 22 nF  |
| Q1,Q3,Q2,Q4                      | Generic NPN Transistor TO-92       | 4        | BC547  |
| C2                               | Electrolytic Capacitor >=10V       | 1        | 2.2 μF |
| C1                               | Electrolytic Capacitor >=10V       | 1        | 47 μF  |
| D2                               | LED 3mm                            | 1        |        |