

| Comment | Description | Designator | Footprint | LibRef | Quantity |
|----------------|---------------------------------|--|---------------------------|----------------|----------|
| Сар | Capacitor | C1, C2, C3, C4 | CAP 0805/2012 | Cap | 4 |
| Diode 1N4148 | High Conductance Fast Diode | D1 | DO-35 | Diode 1N4148 | 1 |
| LED | Typical INFRARED GaAs LED | D2, D3 | LED 0805/2012 RED | LED0 | 2 |
| HE-S | Dual-Pole Single-Throw Relay | K1 | Relay HE-S Parasonic | Relay-DPST | 1 |
| Header 4 | Header, 4-Pin | P1 | 4Pin 6.35mm Connector | Header 4 | 1 |
| PWR | Header, 3-Pin | P2 | HDR1X3 | Header 3 | 1 |
| ICSP | Header, 3-Pin, Dual row | P3 | HDR2X3 | Header 3X2 | 1 |
| Header 4 | Header, 4-Pin | P4, P5 | TE 282834-4 | Header 4 | 2 |
| PWR | Header, 3-Pin | P6 | HDR1X3H | Header 3 | 1 |
| MOSFET-N | N-Channel MOSFET | Q1, Q2, Q3 | DIODES SOT-23-3 | MOSFET-N | 3 |
| Res2 | Resistor | R1, R2, R3, R4, R5, R6, R7, R8, R9, R10 | RES 0805/2012 | Res2 | 10 |
| SW-DIP4 | DIP Switch | S1 | DIP-8 | SW-DIP4 | 1 |
| Kevin Resistor | | SH1, SH2 | TE TLR Shunt | Kevin Resistor | 2 |
| PV | Socket | T1 | PCB_Pin_Outsteeksel | Socket | 1 |
| GND | Socket | T2, T3 | PCB_Pin_Outsteeksel | Socket | 2 |
| Bat | Socket | T4 | PCB_Pin_Outsteeksel | Socket | 1 |
| AD8418 | | U1, U2 | INTERSIL MSOP-8 M8.118 | AD8418 | 2 |
| ZR40401F41 | Schottky Rectifier | U3 | DIODES SOT-23-3 | Diode 10TQ035 | 1 |
| Atmega328P | | U4 | ST LQFP-32 7X7MM | Atmega328P | 1 |