





Comment	Description	Designator	Footprint	LibRef	Quantity
Cap	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