





Comment	Description	Designator	LibRef	Quantity
Comment		Designator2		1
AMS1117	Power	AMS1	AMS1117	1
10uF	Polarised capacitor	C3, C4	CAER_10UF_25V_20%_250-680X780_LESR0R055	2
100uF	Polarised capacitor	C2	CAER_100UF_25V_20%_RUBYCON_25ML100M8X7	1
Cap_0805	Capacitor	C1, C5	Cap_0805	2
RCA3		RCA_3	Component_1	1
CON1		BATT1, F, GND1, R	CON1	4
GS1M	SMD diode	D1, D2	DIODGS1M	2
L78L05ABUTR	Positive Voltage Regulator, 5V, 4-Pin SOT-89, Tape and Reel	LDO1	L78L05ABUTR	1
Red	LED Red 1C 2A	LD1	LED_AVAGO_HSMC-C110	1
MC74HC4052AD	Analog Multiplexer/Demultiplexer	HC1	MC74HC4052AD	1
NE555	TIMER IC	U2	NE555	1
MBT2222	Transistor SMD NPN 40V 600mA 250mW SOT23-3	Q2, Q3	NPN_MMBT2222A	2
Family	Connector 4 Male	J1	PHOENIX_1757268	1
100	Resistor	R7	Res_0805	1
100K	Resistor	R3, R5	Res_0805	2
10K	Resistor	R9	Res_0805	1
1K	Resistor	R1, R2, R6, R10, R11	Res_0805	5
2R	Resistor	R4	Res_0805	1
47K	Resistor	R8	Res_0805	1
SI4435DY	P-Channel 30V (D-S) Rated MOSFET	Q1	SI4435DY	1
1M	Trimming Potentiometer	TR1	TRIM_25T_1M	1