

Comment	Description	Designator	Footprint	LibRef	Quantity
1070TR	Battery	BT1	1070TR	1070TR	1
0.1μF	SMD AUTO X7R, CERAMIC, 0.1 UF, 1	C1, C4, C11, C12, C13, C16, C17, C18, C21	CAP 0805_2012	C0805C104K9RACAUT O	9
0.47μF	CAP TANT 0.47UF 10% 35V 1206	C2, C3, C10	CAP POL 1206_3216	293D474X9035A2TE3	3
EEHZA1V470P	CAP ALUM POLY HYB 47UF 35V SMD	C5, C6	CAP_EEHZA1V470P	EEHZA1V470P	2
0.1μF	CAP TANT 0.1UF 20% 35V 1206	C9	CAP POL 1206_3216	293D104X0035A2TE3	1
293D227X9010E2TE3	Tantalum Capacitors - Solid SMD 220uF 10volts 10% E case Molded	C14	CAPPM7343X430N	293D227X9010E2TE3	1
10μF	0805 (2012MM) X5R (EIA) 50VDC 10	C15, C19	CAP 0805_2012	GRM21BR61H106KE43 L	2
0.47μF	CAP CER 0.47UF 50V X7R 0805	C20	CAP 0805_2012	GCM21BR71H474KA5 5L	1
Red	LED RED CLEAR 2SMD	D1, D2, D3, D4, D6	LED 0603_1608 RED	19- 213USRC/S259/TR8	5
SS26	DIODE SCHOTTKY 60V 2A DO214AA	D5	DO214AA SMB	SS26	1
CDRH127/LDNP- 820MC	47 ÂµH Shielded - Inductor 3.25 A 78mOhm Max Nonstandard	L1	IND_CDRH127/LDNP- 470MC_SUM	CDRH127/LDNP- 470MC	1
1 kOhms	RES SMD 1K OHM 0.1% 1/8W 0805	R1, R2, R4, R5, R7, R11, R12, R13, R14, R15, R16, R17, R21, R22, R23, R24, R25	RES 0805_2012	RT0805BRE071KL	17
10 kOhms	RES SMD 10K OHM 0.5% 1/8W 0805	R3, R6, R8, R9, R10, R18, R19, R20	RES 0805_2012	RT0805DRD0710KL	8
AT24C512C-SHD-T	IC EEPROM 512K 12C 1MHZ 8SOIC	U1	MICROCHIP SOIC-8 208MIL WIDE	AT24C512C-SHD-T	1
MAX3232CDW	SO-16	U2	DW16	MAX3232CDW	1
LM2596SX-5.0_NOPB	Integrated Circuit	U3	KTT0005B	LM2596SX-5.0_NOPB	1
SN74HCT14DBR	SSOP-14	U4	SOP65P780X200-14N	SN74HCT14DBR	1
S8B-PH-SM4- TB(LF)(SN)	CONN HEADER SMD R/A 8POS 2MM	X1	JST S8B-PH-SM4-TB	S8B-PH-SM4- TB(LF)(SN)	1
STM32F411CU6_WeA ct		X2	STM32F4x1CxU6 WeActStudio	STM32F411CU6_WeA ct	1
0022272021	CONN HEADER VERT 2POS 2.54MM	X3, X4, X6	MOLEX KK 0022272021	0022272021	3
B4B-XH-A(LF)(SN)	CONN HEADER VERT 4POS 2.5MM	X5, X7	JST XH B4B-XH-A	B4B-XH-A(LF)(SN)	2
B8B-XH-A(LF)(SN)	CONN HEADER VERT 8POS 2.5MM	X8, X12	JST XH B8B-XH-A	B8B-XH-A(LF)(SN)	2
B2B-XH-A(LF)(SN)	CONN HEADER VERT 2POS 2.5MM	X9, X13	JST XH B2B-XH-A	B2B-XH-A(LF)(SN)	2
B3B-XH-A(LF)(SN)	CONN HEADER VERT 3POS 2.5MM	X10, X11	JST XH B3B-XH-A	B3B-XH-A(LF)(SN)	2