













Comment	Description	Designator	Footprint	LibRef	Sample	Part number	Quantity
10uF	Capacitor ceramic X7R	C1, C2	FP_1206_CAP_085	Cap			2
20pF	Capacitor	C3, C4	FP_0603_CAP_080	Cap		20pF_0603_50V_NP0_5percent	2
TMMBAT46		D1	SOD-80	DIODE_big	83-00-65	TMMBAT46FILM	1
Header 1X4	Header, 4-Pin	P1	HEADER_2.54MM_M_1x4	Header 1X4			1
Header 1X10	Header, 10-Pin	P2, P3	HEADER_2.54MM_M_1x10	Header 1X10			2
Header 1X3	Header, 3-Pin	P4	HEADER_2.54MM_M_1x3	Header 1X3			1
1K	Resistor	R1, R2, R3	FP_0603_RES	RES	80-11-59	1k_0603_1percent	3
NCE6003	N Channel 60V 3A 2V @ 250uA 105 m? @ 3A,10V 1.7W SOT-23(SOT-23-3) MOSFET RoHS	T1	FET_SOT23	NMOS	https://lcsc.com/product-detail/MOSFET_Wuxi-NCE-Power-Semiconductor-NCE6003_C112351.html	NCE6003	1
LD1117xx	LD1117xx 3,3V lin reg	U1	SUPPLY_SOT223	LD1117xx			1
STM32F030F4P6	STM32F030F4P6	U2	uC_TSSOP20	STM32F030F4P6		STM32F030F4P6	1
8MHz	Quartz	Y1	FP_CRYSTAL_HC49	XTAL			1