











Comment	Description	Designator	Footprint	LibRef	Quantity
470uF 35V		C1	Cap 3.5mm	CAP	1
1000uF 6V		C2, C3, C23, C24	Cap 3.5mm	CAP	4
100nF		C4, C5, C6	SMD 1206	CAP NON	3
220uF		C7, C8, C9, C10, C11, C12, C13, C14, C27, C28, C29, C30	Tantalum Case C	CAP	12
22pF		C31, C32	SMD 1206	CAP NON	2
4007		D1, D3, D4	DIODE DO-214AC SMD	Diode	3
5819		D2	DIODE DO-214AC SMD	Diode	1
HEDER 4PIN		H1	HEADER 4X1	HEDER 4PIN	1
HEDER 5PIN		H2	HEADER 5X1	HEDER 5PIN	1
HEDER 2PIN		H3	Socket Blue 2	HEDER 2PIN	1
Power jack		J1	Power Jack	Power jack	1
SIM CARD		J2, J3, J4, J5	SIM CART LOCK PIN	SIM CARD	4
470uH 3A	Inductor	L1	Inductor 5.8mm	Inductor	1
SISOOG L		L2, L3, L4, L5	SISOOG N	SISOOG L	4
LED 2PIN		LED1, LED2, LED3, LED4, LED5, LED6, LED7, LED8	LED SMD 1206	LED 2PIN	8
Program interface SWD		PR1	HEADER 5X1	Program interface SWD	1
1K		R1, R2, R3, R4, R5, R6, R7, R8	1206_1/4W	RESISTOR	8
2K2		R9	1206_1/4W	RESISTOR	1
Switch PB		S1	Switch - Push to On	Switch PB	1
SMA Antena		SMA1, SMA2, SMA3, SMA4	SMA	SMA Antena	4
LM2576 SMD		U1	TO-263 5 LEAD	LM2576 SMD	1
AMC76382 3V3		U2	SOT 89	AMC76382 3V3	1
SIM900		U3, U4, U5, U6	SIM 900	SIM900	4
STM32F103RET6	STM32 ARM-based 32-bit MCU with 128 Kbytes Flash, 64-pin LQFP, Industrial Temperature	U7	LQFP64_N	STM32F103RBT6	1
8MHz		Y1	XTAL SMD	XTAL	1