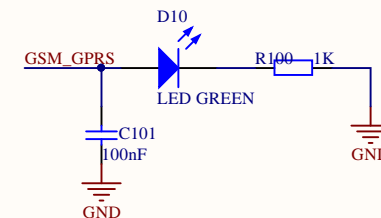
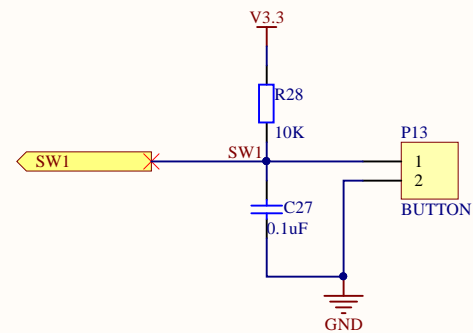
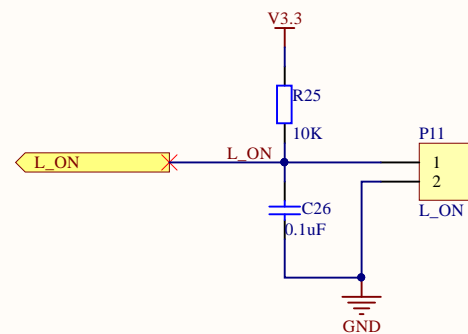
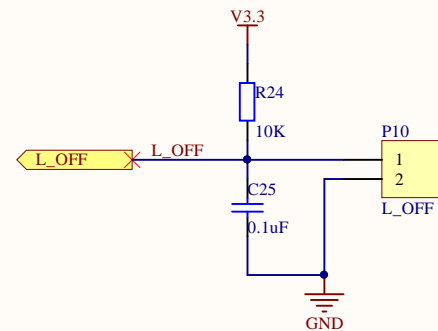
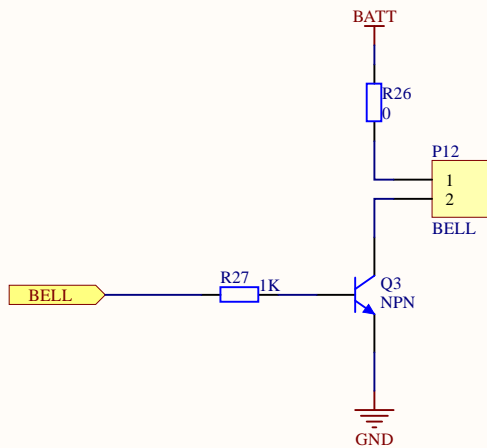
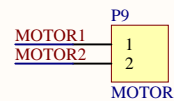
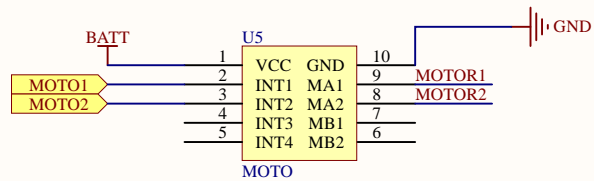


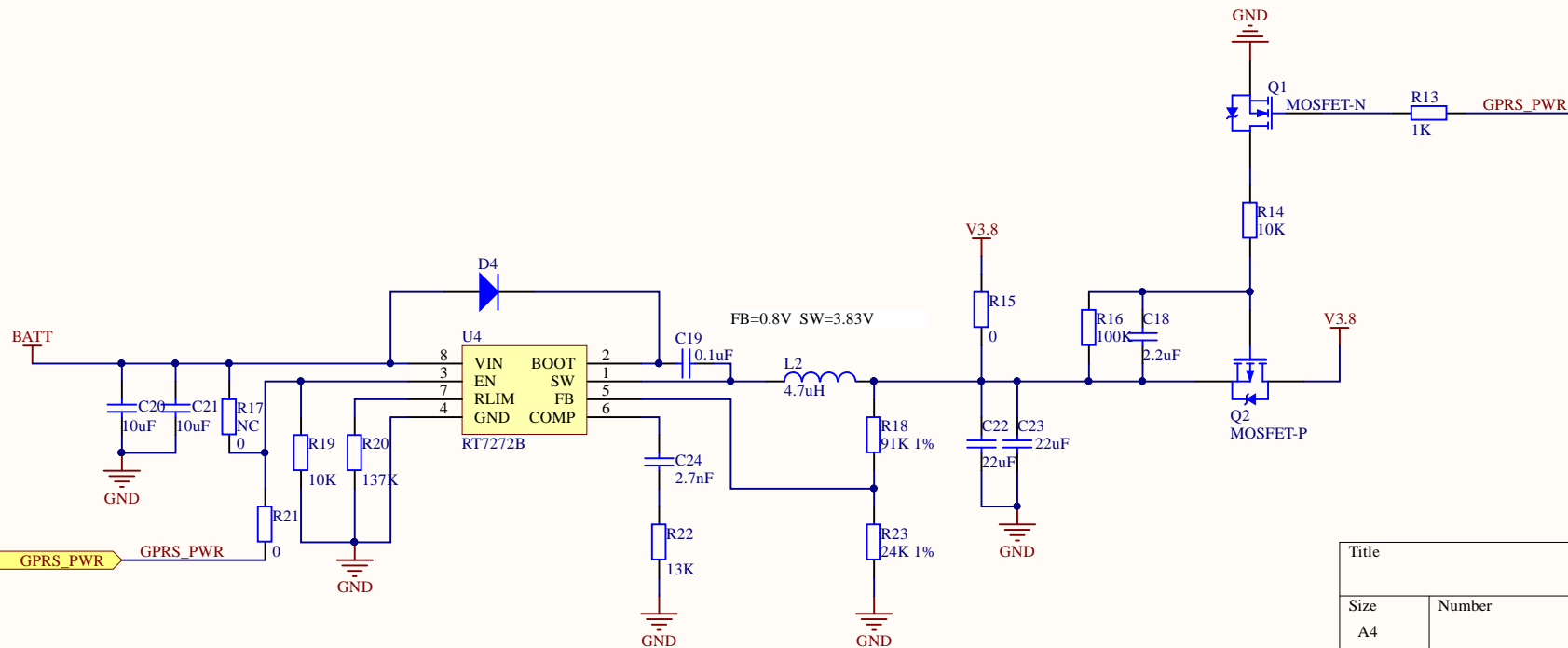
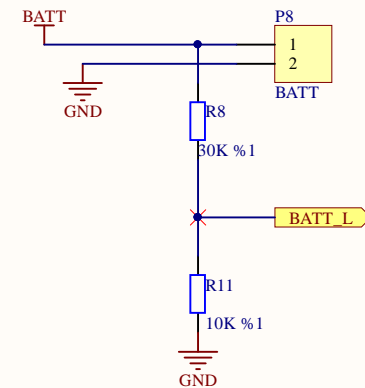
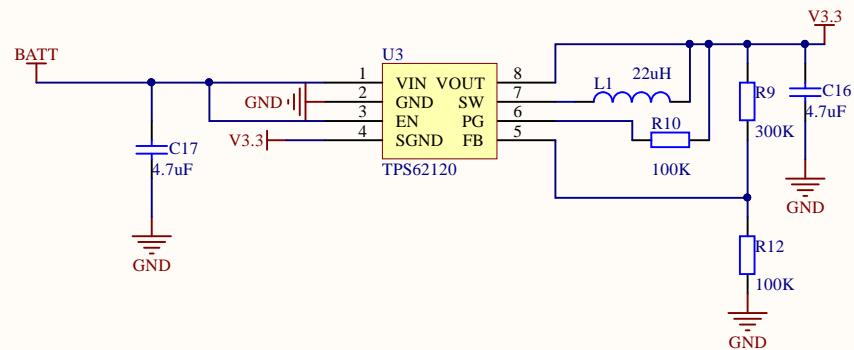
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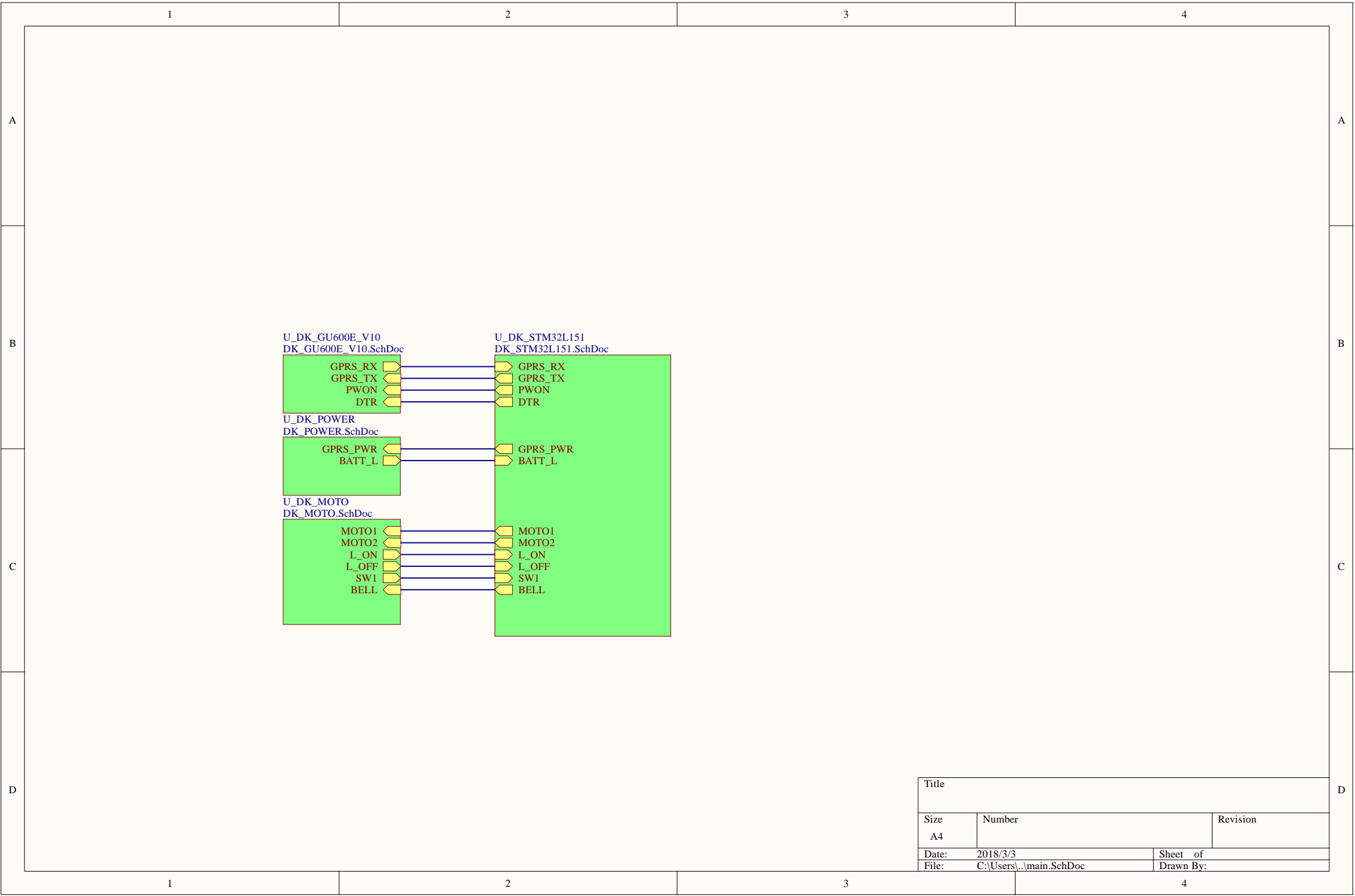
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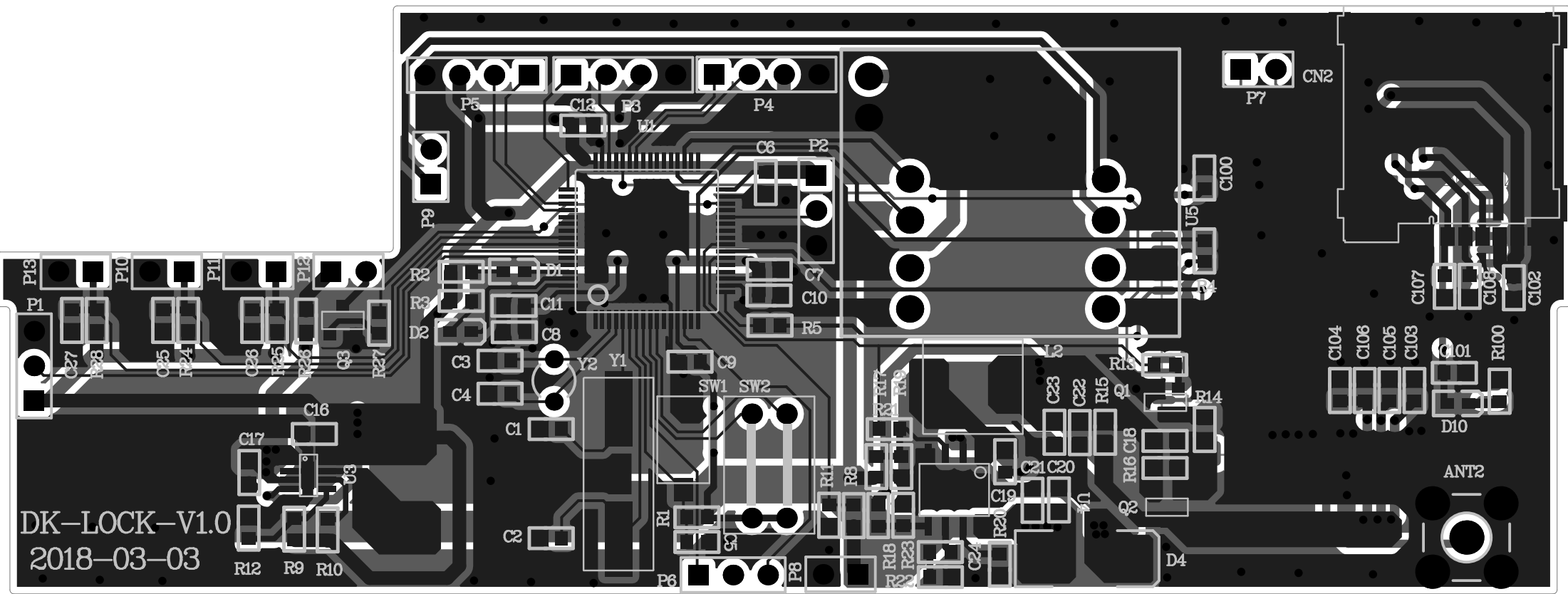


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Comment	Description	Designator	Footprint	LibRef	Quantity
SMB	SMB Straight Connector	ANT2	SMB_V-RJ45	SMB	1
Cap	Capacitor	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C100, C101, C102, C103, C104, C105, C106, C107, C108	0603	Cap	32
NC	Capacitor, Resistor, Resistor	C12, R15, R17	0603	Cap, Res2, Res2	3
SIM_BLOCK		CN2	SIM_BLOCK	SIM_BLOCK_2	1
LED0	Typical INFRARED GaAs LED	D1, D2	LED0603	LED0	2
Diode	Default Diode	D4	SMC	Diode	1
LED GREEN	Typical RED, GREEN, YELLOW, AMBER GaAs LED	D10	LED0603	LED2	1
Inductor	Inductor	L1, L2	0630	Inductor	2
BOOT0	Header, 3-Pin	P1	HDR1X3	Header 3	1
BOOT1	Header, 3-Pin	P2	HDR1X3	Header 3	1
SWD	Header, 4-Pin	P3	HDR1X4	Header 4	1
UART1	Header, 4-Pin	P4	HDR1X4	Header 4	1
UART3	Header, 4-Pin	P5	HDR1X4	Header 4	1
Header 3	Header, 3-Pin	P6	HDR1X3	Header 3	1
Header 2	Header, 2-Pin	P7	HDR1X2	Header 2	1
BATT	Header, 2-Pin	P8	HDR1X2	Header 2	1
MOTOR	Header, 2-Pin	P9	HDR1X2	Header 2	1
L_OFF	Header, 2-Pin	P10	HDR1X2	Header 2	1
L_ON	Header, 2-Pin	P11	HDR1X2	Header 2	1
BELL	Header, 2-Pin	P12	HDR1X2	Header 2	1
BUTTON	Header, 2-Pin	P13	HDR1X2	Header 2	1
MOSFET-N	N-Channel Power MOSFET	Q1	SOT-23A	NMOS-2	1
MOSFET-P	P-Channel Power MOSFET	Q2	SOT-23A	PMOS-2	1
NPN	NPN Bipolar Transistor	Q3	SOT-23A	NPN	1
Res2	Resistor	R1, R2, R3, R4, R5, R8, R9, R10, R11, R12, R13, R14, R16, R18, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28, R100	0603	Res2	25
SW-PB	Switch	SW1	3*6*4.3	SW-PB	1
SW DIP-2	DIP Switch, 2 Position, SPST	SW2	SW-2*4	SW DIP-2	1
STM32L151RCT6	ARM Cortex-M3 32-bit MCU, 256 KB Flash, 32 KB Internal RAM, 51 I/Os, 64-pin LQFP, -40 to 85 degC, Tray	U1	LQFP64	STM32L151RCT6	1
TPS62120		U3	TPS62120	TPS62120	1
RT7272B		U4	RT7272B	RT7272B	1
MOTO		U5	moto	MOTO	1
GU900E		U10	SIM900-68P	GU900E	1
8M	Crystal Oscillator	Y1	SMT-OSC	XTAL	1
32.768M	Crystal Oscillator	Y2	R38	XTAL	1