Comment	Description	Designator	Footprint	Quantity	LibRef
Motor		M1	Motor	1	Motor
ATmega32L-8AI	8-Bit AVR Microcontroller with 32K Bytes of In-System Programmable Flash Memory	U1	44A_L	1	ATmega32L-8AI
0.1uF	Capacitor (Semiconductor SIM Model)	C7, C8, C9, C10, C11, C22	CAPC1005L	6	Cap Semi
100nF	Capacitor (Semiconductor SIM Model)	C41, C51	CAPC1005L	2	Cap Semi
10nF	Capacitor (Semiconductor SIM Model)	C91, C141	CAPC1005L	2	Cap Semi
12 pF	Capacitor (Semiconductor SIM Model)	C122	CAPC1005L	1	Cap Semi
1uF	Capacitor (Semiconductor SIM Model)	C23, C24	CAPC1608L	2	Cap Semi
220pF	Capacitor (Semiconductor SIM Model)	C111, C124, C125, C151, C181	CAPC1005L	5	Cap Semi
27pF	Capacitor (Semiconductor SIM Model)	C81, C101	CAPC1005L	2	Cap Semi
6.8 pF	Capacitor (Semiconductor SIM Model)	C121, C123, C131	CAPC1005L	3	Cap Semi
SW_connect	Header, 2-Pin	P7	HDR1X2	1	Header 2
OUT	Header, 2-Pin, Right Angle	P4	HDR1X2H	1	Header 2H
POWER	Header, 2-Pin, Right Angle	P5	HDR1X2H	1	Header 2H
JTAG	Header, 5-Pin, Dual row	P1	HDR2X5	1	Header 5X2
Header 14X2A	Header, 14-Pin, Dual row	P3	HDR2X14_CEN	1	Header 14X2A
IRLML6302	HEXFET Power MOSFET	Q3	SOT-23	1	IRLML6302
IRF9952	HEXFET Power MOSFET	Q2	SO-8_N	1	IRF9952
LEDx2 DIP	in DIP	D1	LEDx2	1	LEDx2
18nH	Inductor	L122	INDC1005AL	1	Inductor
33nH	Inductor	L121, L123, L131	INDC1005AL	3	Inductor
CC1101	Low-Power Sub-1 GHz RF Transceiver	U2	QFN50P397X397X80-20N	1	CC1101
10uF	Polarized Capacitor (Surface Mount)	C21	CAPC2012L	1	Cap Pol3
AAT3221	PowerLinear NanoPower low dropout (LDO) linear regulator.	U4	SOT95P280X145-5N	1	AAT3221
COAX-F	RF Coaxial PCB Connector, MCX; Thru-Hole, Right-Angle Mount Socket, Blunt Post Terminal, 50 Ohm Impedance	P2	MCX5.08-H5	1	COAX-F
100	Semiconductor Resistor	R2, R6	RESC1005L	2	Res Semi
100K	Semiconductor Resistor	R4, R7	RESC1005L	2	Res Semi
10K	Semiconductor Resistor	R3, R5, R9, R10	RESC1005L	4	Res Semi
2K	Semiconductor Resistor	R8	RESC1005L	1	Res Semi
56K	Semiconductor Resistor	R171	RESC1005L	1	Res Semi
LTC4054	Standalone Linear Li-Ion Battery Charger with Thermal Regulation in ThinSOT	U3	SOT95P270X100-5N	1	LTC4054
minUSB	USB 2.0, Right Angle, SMT, A Type, Receptacle, 5 Position, Black	P6	440479	1	440478-2
SWT-32	Кнопка тактовая, поверхностный монтаж	SW1	SWT-32 pattern	1	SWT-32
quartz SMD	в корпусе 0532	Q1	quartz_pattern	1	qartz 0532