

Designator	Manufacturer Part Number	Manufacturer	Description	Quantity	Supplier Part Number	Supplier
C1_1, C1_2, C1_3, C2_1, C2_2, C2_3, C4_1, C4_2, C4_3, C5_1, C5_2, C5_3, C1	CC0805KRX7R9B104	YAGEO	SMD Capacitor	13	C49678	JLPCB
C3_1, C3_2, C3_3	CL21B224KBFNN	Samsung ElectroMechanics	SMD Capacitor	3	C5378	JLPCB
C6_1, C6_2, C6_3, C7_1, C7_2, C7_3, C17, C18, C20, C21, C22, C23	CS2012X7R475K30NRE	Samwha Capacitor	SMD Capacitor	12	C560882	JLPCB
C8_1, C8_2, C8_3, C9_1, C9_2, C9_3, C10_1, C10_2, C10_3, C11, C12, C13, C14	C3216X5R1E476ATJ00E	TDK	SMD Capacitor	13	C76659	JLPCB
C15, C19	CL21B105KBFNN	Samsung ElectroMechanics	SMD Capacitor	2	C28323	JLPCB
D1, D2	C2297	Hubei KENTO Elec	0805 Light Emitting Diodes (LED) ROHS	2	C2297	JLPCB
P1	DC-005 2.0	BOOMELE(Boom Precision Elec)	Shrouded DC Power Receptacle 2mm 6.4mm Plugin AC/DC Power Connectors ROHS	1	C16214	JLPCB
P2, P3, P4	WJ124-3.81-4P	Ningbo Kangnex Elec		3	C69809	JLPCB
P6	PZ254V-11-04P	XFCN	Straight Square Pins 2.5mm 6mm - 40°C→+105°C 1 3mm 4 2.54mm Black Brass 1x4P Straight,P=2.54mm Pin Headers ROHS	1	C492403	JLPCB
P7, P8, P9_1, P9_2	C65114	BOOMELE(Boom Precision Elec)	Straight 2 6 2.54mm Black Straight,P=2.54mm Pin Headers ROHS	4	C65114	JLPCB
P10	TYPE-C-31-M-12	Korean Hroparts Elec	USB C SMD Connector	1	C165948	JLPCB
Q1, Q2	S8050	JSMSEMI		2	C916390	JLPCB
R1_1, R1_2, R1_3, R14_1, R14_2, R14_3, R15_1, R15_2, R15_3, R16_1, R16_2, R16_3	0805W8F1002T5E	UNI-ROYAL(Uniroyal Elec)	SMD Resistor	12	C17414	JLPCB
R2_1, R2_2, R2_3, R10	0805W8F0000T5E	UNI-ROYAL(Uniroyal Elec)	SMD Resistor	4	C17477	JLPCB
R3_1, R3_2, R3_3, R5_1, R5_2, R5_3	ERJ2BWF050X	PANASONIC	SMD Resistor	6	C412880	JLPCB
R4_1, R4_2, R4_3, R6_1, R6_2, R6_3, R7_1, R7_2, R7_3	RS-05K104JT	FH (Guangdong Fenghua Advanced Tech)	SMD Resistor	9	C118844	JLPCB
R8	AECR0805F1K60M	Resistor.Today	SMD Resistor	1	C352253	JLPCB
R9, R11, R12	CR0805J80123G	LIZ Elec	SMD Resistor	3	C101937	JLPCB
R13	0805W8F4700T5E	UNI-ROYAL(Uniroyal Elec)	SMD Resistor	1	C17710	JLPCB
R17	0805W8F3300T5E	UNI-ROYAL(Uniroyal Elec)	SMD Resistor	1	C17630	JLPCB
S1	TS-1095PS-A1B2-C3D2	Yuandi	NO 6mm Gull Wing 4.3mm Black Round Button Brick noggin SPST 6mm 180gf@±30gf SMD Tactile Switches ROHS	1	C2834918	JLPCB
S2_1, S2_2, S2_3	C99420	Dongguan Guangzhu Industrial	SPST Red Flat dial, raised type 2.54mm DIP DIP Switches ROHS	3	C99420	JLPCB
U1_1, U1_2, U1_3	A4988SETTR-T	Allegro MicroSystems	IC MTR DRV R BIPOLAR 3-5.5V 28QFN	3	620-1343-1-ND	Digikey
U2	ESP32-WROOM-32E-N4	Espressif Systems	RX TXRX MOD WIFI TRACE ANT SMD	1	1965-ESP32-WROOM-32E-N4CT-ND	Digikey
U3	CP2102N-A02-GOFN28R	SILICON LABS	OFN-28 USB ICs ROHS	1	C964632	JLPCB
U4	AMS1117-3.3V	Shenzhen Fuma Elec	75dB@(10kHz) 800mA 1.5V@(700mA) Fixed 3.3V-3.3V Positive 12V SOT-223 Linear Voltage Regulators (LDO) ROHS	1	C173386	JLPCB