

Designator	Footprint	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, C16, C24_1, C24_2, C24_3	0805	CC0805KRX7R9B104	YAGEO	SMD Capacitor		16C49678	JLPCPB
C3_1, C3_2, C3_3	0805	CL21B224KBFNN1E	Samsung Electro-Mechanics	SMD Capacitor		3C5378	JLPCPB
C6_1, C6_2, C6_3, C7_1, C7_2, C7_3, C17, C18, C20, C21, C22, C23	0805	CS2012X7R475K30NRE	Samwha Capacitor	SMD Capacitor		12C560882	JLPCPB
C8_1, C8_2, C8_3, C9_1, C9_2, C9_3, C10_1, C10_2, C10_3, C11, C12, C13, C14	0805, 1206	C3216X5R1E476NTJ00E	TDK	SMD Capacitor		13C76659	JLPCPB
C15, C19	0805	CL21B105KBFNN1E	Samsung Electro-Mechanics	SMD Capacitor		2C28323	JLPCPB
D1, D2	0805	C2297	Hubei KENTO Elec	0805 Light Emitting Diodes (LED) ROHS		2C2297	JLPCPB
H1, H2, H3, H4, H5	HOLE_M3					5	
P1	DC-005 2.0	DC-005 2.0	BOOMELE(Boom Precision Elec)	Shrouded DC Power Receptacle 2mm 6.4mm Plug In AC/DC Power Connectors ROHS		1C16214	JLPCPB
P2, P3, P4	WJ124-3.81-4P	WJ124-3.81-4P	Ningbo Kangnex Elec			3C69809	JLPCPB
P5	WJ124-3.81-2P	WJ124-3.81-2P	Ningbo Kangnex Elec			1C69811	JLPCPB
P6	PZ254V-11-04P	PZ254V-11-04P	XFCN	Straight Square Pins 2.5mm 6mm - 40°C ~ +109°C 1.3mm 4 2.54mm Black Brass 1x4P Straight_P=2.54mm Pin Headers ROHS		1C492403	JLPCPB
P7, P8, P9_1, P9_2	HEADER 3X2	C65114	BOOMELE(Boom Precision Elec)	Straight 2.6 2.54mm Black Straight_P=2.54mm Pin Headers ROHS		4C65114	JLPCPB
P10	TYPE-C-31-M-12	TYPE-C-31-M-12	Korean Hroparts Elec	USB C SMD Connector		1C165948	JLPCPB
Q1, Q2	SOT-23-3	S8050	JSMSEMI			2C916390	JLPCPB
R1_1, R1_2, R1_3, R14_1, R14_2, R14_3, R15_1, R15_2, R15_3, R16_1, R16_2, R16_3	0805	0805W8F1002T5E	UNI-ROYAL(Uniroyal Elec)	SMD Resistor		12C17414	JLPCPB
R2_1, R2_2, R2_3, R10	0805	0805W8F0000T5E	UNI-ROYAL(Uniroyal Elec)	SMD Resistor		4C17477	JLPCPB
R3_1, R3_2, R3_3, R5_1, R5_2, R5_3	0402	ERJ2BWF050X	PANASONIC	SMD Resistor		6C412880	JLPCPB
R4_1, R4_2, R4_3, R6_1, R6_2, R6_3, R7_1, R7_2, R7_3	0805	RS-05K104JT	FH (Guangdong Fenghua Advanced Tech)	SMD Resistor		9C118844	JLPCPB
R8	0805	AECR0805F1K60M	Resistor.Today	SMD Resistor		1C352253	JLPCPB
R9, R11, R12	0805	CR0805J80123G	LIZ Elec	SMD Resistor		3C101937	JLPCPB
R13	0805	0805W8F4700T5E	UNI-ROYAL(Uniroyal Elec)	SMD Resistor		1C17710	JLPCPB
R17	0805	0805W8F3300T5E	UNI-ROYAL(Uniroyal Elec)	SMD Resistor		1C17630	JLPCPB
R18	0805	RM10FTN5104	TA-I Tech	SMD Resistor		1C156163	JLPCPB
R19, R20	0603	ERJ3EKF2201V	PANASONIC	SMD Resistor		2C116387	JLPCPB
S1	PUSHBUTTON	TS-1095PS-A1B2C3D2	Yuandi	NO 6mm Gull Wing 4.3mm Black Round Button Brick noggin SPST 6mm 180gf@±30gf SMD Tactile Switches ROHS		1C2834918	JLPCPB
S2_1, S2_2, S2_3	C99420	C99420	Dongguan Guangzhu Industrial	SPST Red Flat dial, raised type 2.54mm DIP DIP Switches ROHS		3C99420	JLPCPB
TP1, TP2, TP3, TP4, TP5	5015	RH-5015	Ronghe	Thimble/Copper Rod/Test Ring ROHS		5C5199798	JLPCPB
U1_1, U1_2, U1_3	28-OFN	A4988SETTR-T	Allegro MicroSystems, LLC	IC MTR DRV'R BIPOLAR 3-5.5V 28OFN		3C38437	JLPCPB
U2	ESP32-WROOM-32E	ESP32-WROOM-32E-N4	Espressif System	RX TXRX MOD WIFI TRACE ANT SMD		1C701341	JLPCPB
U3	CP2102N	CP2102N-A02-GQFN28R	SILICON LABS	OFN-28 USB ICs ROHS		1C964632	JLPCPB
U4	SOT230P700X1804N	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		1C173386	JLPCPB