

Comment	Description	Designator	Footprint	LibRef	Quantity
C4532X7R1E226M250 KC	Multilayer Ceramic Capacitors 22uF ±20% 25V X7R SMD 1812	C1, C4, C5, C6	FP-C4532-250-0_4-IPC_B	CMP-08246-003643-1	4
C1206C104K2RACTU	CAP CER 0.1UF 200V 10% X7R 1206	C2, C7, C13, C16	FP-C1206C-EB-MFG	CMP-1037-04222-2	4
CGA5H4C0G2W822J115AA	Cap Ceramic 8.2nF 450V COG 5% Pad SMD 1206 +125°C Automotive T/R	C3	FP-CGA5L-0_3-0_1-IPC_A	CMP-08246-000279-1	1
VY1102M31Y5UC63V0	VY1102M31Y5UC63V0 1nF 500(Y1)V ac; 760(X1)V ac Ceramic Single Layer Cap; Y5U Dielectric VY1 Series	C8, C11	FP-VY1102M31Y5UC63V0-MFG	CMP-00030-59531954-1	2
C5750JB2J224K230KA	Multilayer Ceramic Capacitors 220nF ±10% 630V JB SMD 2220	C9	FP-C5750-230-0_4-IPC_C	CMP-08246-006666-1	1
T491D476K025AT	CAP TANT 1UF 10% 25V 2917	C10	FP-T491D476K025AT-MFG	CMP-03017-000020-1	1
EEVFK1J221Q	Aluminum Electrolytic Capacitor, 220 uF, +/- 20%, 63 V, 2-Pin SMD (Size Code H13), -55 to 105 degC, RoHS, Tape and Reel	C12	PNSC-FK-V-H13_V	CMP-2000-06222-1	1
GRM31CR61H106KA12L	CAP CER 10UF 50V X5R 1206	C14, C15	FP-GRM31-0_2-MFG	CMP-2000-05256-2	2
SMBJ20A-E3_52	TVS Diode (Uni-directional)	D1	DIOM5436X244N	SMBJ20A-E3_52	1
83100000005	FUSE HOLDER CART 250V 6.3A PCB	F1	FP-831-MFG	CMP-08604-000006-1	1
BLM31KN801BH1L	Chip Ferrite Bead, 1206, 800Ω @ 100MHz, 0.05Ω, 25%, 1.7A	FB1, FB2	FP-BLM31-0_2-11_6-MFG	CMP-06046-002315-1	2
ESP32-S3-WROOM-1U-N16	Integrated Circuit	IC1	ESP32S3WROOM1UN16	ESP32-S3-WROOM-1U-N16	1
TPS563210ADDFR	Integrated Circuit	IC2	SOT65P280X110-8N	TPS563210ADDFR	1
LQM31PN2R2M00L	FIXED IND 2.2UH 900MA 190 MOHM	L1	FP-LQM31PN_00-MFG	CMP-06042-016285-1	1
PLA10AN2030R5R2B	Common Mode Choke Dual 20mH 0.5A 1.8Ω DCR Thru-Hole Bulk	L2	FP-PLA10A-PLH10A-MFG	CMP-06045-000412-1	1
B72210S2301K101	Varistor	MOV1, MOV3	B72210S2301K101	B72210S2301K101	2
S20K300	Varistor	MOV2	S20K300	S20K300	1
V10E11P	Varistor	MOV4	V10E11P	V10E11P	1
691311400103		P1	691311400103	CMP-1502-02409-2	1
IRM-10-12	Power Supply	PS1	IRM-10	IRM-10-12	1
CRCW1206100KJNEB	RES Thick Film, 100kΩ, 5%, 0.25W, 200ppm/°C, 1206, RES Thick Film, 1M, 5%, 0.25W, 200ppm/°C, 1206	R1, R4	FP-CRCW1206-e3-IPC_C	CMP-02407-009021-1	2
MCA1206MD1002BP100	Res MC AT Precision Thin Film 1206 3.74kΩ 0.1% 0.4W ±25ppm/°C Molded Paper T/R, Res MC AT Precision Thin Film 1206 10kΩ 0.1% 0.4W ±25ppm/°C Molded Paper T/R, Res MC AT Precision Thin Film 1206 33.2kΩ 0.1% 0.4W ±25ppm/°C Molded Paper T/R	R2, R3, R5	FP-MCA1206-IPC_A	CMP-02407-000300-1	3