

Item	Comment	Designator	Footprint	Quantity	Type	Note
1	C/100pF/50V/0603	C5	C0603	1	SMD	
2	C/1uF/25V/0603	C7, C8, C23, C26, C32	C0603	5	SMD	
3	C/2nF/50V/0603	C9, C10, C13, C15, C16, C17, C33	C0603	7	SMD	
4	C/0.1uF/50V/0603	C11, C14, C25, C27, C31, C34, C38, C72, C73	C0603	9	SMD	
5	C/0.01uF/16V/0603	C12	C0603	1	SMD	
6	C/1000pF/1KV/1206	C19, C20, C21	C1206	3	SMD	
7	C/1uF/50V/0805	C22, C36	C0805	2	SMD	
8	C/10uF/25V/0603	C24	C0603	1	SMD	
9	C/1000pF/50V/0603	C35	C0603	1	SMD	
10	C/0.47uF/25V/0603	C37	C0603	1	SMD	
11	R/0R/1206	R2	R1206	1	SMD	
12	R/1K/0603	R3, R6, R7, R11, R13, R14, R17, R18, R19, R45	R0603	10	SMD	
13	R/30K/1206	R4	R1206	1	SMD	
14	R/2K/0603	R5, R15, R44	R0603	3	SMD	
15	R/4.7K/0603	R8	R0603	1	SMD	
16	R/10K/0603	R9, R10, R16, R39, R43, R58, R59, R71, R73, R75	R0603	10	SMD	
17	R/0R/0603	R12	R0603	1	SMD	
18	R/511K/1206	R20, R21	R1206	2	SMD	
19	R/332K/1206	R22, R29	R1206	2	SMD	
20	R/150K/1206	R23, R24	R1206	2	SMD	
21	R/51R/1206	R25	R1206	1	SMD	
22	R/100R/0603	R26, R27, R28, R33, R34, R35, R48	R0603	7	SMD	
23	R/0.1R/1206	R30, R31	R1206	2	SMD	
24	R/10R/0603	R32, R42	R0603	2	SMD	
25	R/0.1R/1W/2512	R40, R41	R2512	2	SMD	
26	R/20K/0603	R46	R0603	1	SMD	
27	R/0.75R/1206	R47, R50	R1206	2	SMD	
28	R/470R/1206	R49	R1206	1	SMD	
29	R/51R/0805	R53	R0805	1	SMD	
30	R/100K/0603	R54, R55, R72, R74, R76	R0603	5	SMD	

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31	R/16K/0603	R56	R0603	1	SMD	
32	R/220R/1206	R57	R1206	1	SMD	
33	D/RS1M/SMA(DO-214AC)	D1	SMA(DO-214AC)	1	SMD	
34	HTRB20K200CT/TO-263AB	D2	HTRB20K200CT/TO-263AB	1	SMD	
35	D/1N4148/SOD-323	D3	SOD-323	1	SMD	
36	D/ES1J/SMA(DO-214AC)	D5	SMA(DO-214AC)	1	SMD	
37	LED/0805/R	LED1	LED0805	1	SMD	
38	T/MMBT4401/SOT-23	Q2	SOT-23	1	SMD	
39	MGM07N65/TO-252	Q3	TO-252	1	SMD	
40	SY22655ABC/SOT23-6	U2	SOT-23-6	1	SMD	
41	T/EMD4903/TO-252-4L	U3, U4, U5	TO-252-4L	3	SMD	
42	MDSF40/LQFP-48	U6	LQFP-48	1	SMD	
43	1000uF/35V	C29, C30	C/E/P5/D12.5	2	DIP	
44	10uF/50V	C39	C/E/P2/D5	1	DIP	
45	0.1uF/275V/DIP/X2	CX3	C/X/P10/8/18	1	DIP	
46	0.33uF/275V/DIP/X2	CX5	C/X/P10/8/18	1	DIP	
47	1500pF/400V/DIP	CY1	11203615263	1	DIP	
48	BRIDGE-D6KB6U	BR1	11204600021	1	DIP	
49	BUZ/YNR-1407-7.5MM	BZ1	BUZ/TMB12A12	1	DIP	
50	FUSE/3.15A/250V/4*8.5/DIP	F1	FUSE/4*8.5/DIP	1	DIP	
51	CHOCK_K36_009-001	L4	CK/K36_009	1	DIP	
52	EFD25	T1	EF-25	1	DIP	
53	VDR/TVR14561KSY	Z1, Z3	VDR/P7.5/D16.5	2	DIP	
54	PH-1*3/P2.54/180	IR	PH-1*3/P2.54/180	1	DIP	IR socket,202302 post request to have IR receiver with 16cm line
55	PAD/WELDING	ACL, ACN	20AWG	2	DIP	Motor hole,202302 requires a 20cm power cord
56	PAD/*	U, V, W	18AWG	3		Motor hole
57	PAD	FG	1.5mm	0		Test point
58	PAD	GND1, PGND, VCC1	1mm	0		Test point
59	ANT	VM	1.5mm	0		Antenna
60	NC	C1, C2, C3, C4, C71	C0603	0		

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61	NC	C6	C/E/P3.5/D8	0		
62	NC	C18	11203410463	0		
63	NC	C28	C1206	0		
64	NC	R1, R36, R37, R38, R52	R0603	0		
65	NC	R51	R1206	0		
66	NC	D4, ZD1	SOD-123	0		
67	NC	D_BZ	SOD-323	0		
68	NC	Q1	TO-252	0		
69	NC	U1	SOP-8	0		
70	NC	L1, L2	L0603	0		
71	NC	L3	L/220uH/GSRC0810-221K/DIP	0		
72	NC	Y1	X/HC49S	0		
73	NC	CN1, CN2	PH-1*4/P2.54/180	0		
74	NC	CON1	CON2/P3.96/180	0		
75	NC	CX1	C/X/P10/8/18	0		
76	NC	CX2	C/X/P15/8*18.2	0		
77	NC	CX4	C/X/P15/9*18.2	0		
78	NC	Z2	VDR/P10/D23	0		