

Name / Value	Package	Designator	Quantity	LCSC	OTHER
current transducer	current transducer	*1, *2	2	?	
BUT	Tactal Buton	But1, But2	2	C285453	
2.2u	C-0805	C1, C4, C11, C14, C21, C24, C31, C34, C41, C44, C51, C54	12	C729471	
4.7uF	C-1206	C2, C3, C10, C12, C13, C20, C22, C23, C30, C32, C33, C40, C42, C43, C50, C52, C53, C60, C112, C113, C6, C7, C16, C17, C26, C27, C36, C37, C46, C47, C56, C57, C111	33	C415529	
100n	C-0805	C5, C9, C15, C19, C25, C29, C35, C39, C45, C49, C55, C59	12	C2830722	
10nf	C-0805	C8, C18, C28, C38, C48, C58, C96	7	C161250	
22Pf	C-0603	C61, C62	2	C2180751	
1uF	C-0603	C63, C64, C65, C66, C67, C68, C69, C71, C73, C75, C80, C104, C105, C110, C117, C118, C119, C120, C121, C122, C123, C124, C126, C127, C129	25	C92848	
1nF	C-0603	C70, C107, C108, C115, C125, C128, C114	7	C2252357	
470uF	SMD-ECAP-6.3X7.7	C72	1	C176672	
22nF	C-0603	C74, C77, C78, C79, C81, C82	6	C21122	
10uF	C-0805	C76, C83, C103	3	C15850	
150pF	C-0805	C84, C85, C86, C87, C88, C89	6	C1716	
22uF	C-0805	C90, C94, C100, C101	4	C466797	
120UF	SMD-ECAP-10x10	C91, C92	2	C487386	
10uF	SMD-ECAP-6.3X7.7	C93, C97, C98, C99, C102	5	C72501	
51pF	C-0603	C95	1	C123578	
1uF	C-0805	C106, C109, C116	3	C35795	
10uF(snubber)	C-2220	C130, C131, C132, C133, C134, C135, C136, C138, C139, C141, C143, C144, C147, C149, C150, C151, C152, C153	18	C153034	
22uF 500V	32*37*22	C137, C140, C148	3		https://ozdisan.com/Product/Detail/508322/C3D2H226IB00C00
400V 1000uf	35*60	C142, C145, C146	3		https://ozdisan.com/Product/Detail/443000/K054001020PM0E060
CDBA540-HF	DO-214AC(SMB)	D1, D2, D3, D4, D5, D6	6	C22452	
ALIVE	CHIPLED-0805	D7, D11	2	C84256	
SBR1A40S3-7	SOD-323F	D8	1	C2128	
SK54	DO-214AA(SMB)	D9, D10	2	C84171	
1n4148	SOD-123 T/R	D12, D13, D14, D15, D16, D17, D18, D19, D20, D21, D22, D23, D24, D25, D26, D27, D28, D29, D30, D31, D32, D33, D34, D35, D36, D37, D38, D39, D40, D41	30	C129869	
NC7SZ10P6X	SC70-6	IC1	1		https://www.mouser.com.tr/ProductDetail/onssemi-Fairchild/NC7SZ10P6X?qs=UFeyouyReuFP6Y0n6iarPA%3D%3D
LM2901AVQDRQ1	SO14	IC2	1	C142961	
TDA2822D	SO08	IC3	1	C73296	
MIC2288YD5	SOT23-5L	IC4	1	C7722	
REG1117	SOT-223	IC5	1	C6186	
ULN2003AD	SO16	IC6	1	C7512	
SN65HVD230DR	SO08	IC7	1	C12084	
SI8920BC-IP	SMD8	IC8	1		https://ozdisan.com/Product/Detail/606917/SI8920BC-IP
OPA344NA_250G4	SOT23-5	IC9	1		https://ozdisan.com/Product/Detail/616716/OPA344NA250
IRFL9110PBF	SOT-223	IC10, IC11, IC12, IC13, IC14, IC15, IC16, IC17, IC18, IC19, IC20, IC21, IC22, IC23, IC24, IC25, IC26, IC27, IC28, IC29, IC30, IC31, IC32, IC33, IC34, IC35, IC36, IC37, IC38, IC39	30	C2828484 (No longer produced similar one)	
Conn Power HDR 35 POS	Conn Power HDR 35 POS 4mm Solder ST Thru-Hole 35 Terminal 1 Port Automotive Loose	J1	1	C412124	
10uH	L1210	L1, L2, L3, L4, L5, L6, L12	7	C86069	
10uH	L0805	L7, L11, L8	3	C1046	
47uH	SMD-PIND-12.5x12.5x8_2.9x5.4	L9, L10	2	C169389	
RKE-0505SH	Sip7	PS1	1		https://ozdisan.com/power-supplies/isolate-d-converter-modules/dc-dc-converters/RKE-0505SH
Crystal 8MHz	SMD-5032_2P	Q1	1	C115962	
Sic Mosfet	SIC Mosfet To247	Q2, Q3, Q4, Q5, Q6, Q7, Q8, Q9, Q10, Q11, Q12, Q13, Q14, Q15, Q16, Q17, Q18, Q19, Q20, Q21, Q22, Q23, Q24, Q25, Q26, Q27, Q28, Q29, Q30, Q31	30	Any Choice	
10Q 1W	R-2512	R1, R3, R9, R11, R15, R17, R23, R25, R29, R31, R37, R39,	12	C269345	
47kQ	R-0805	R2, R5, R10, R14, R16, R19, R24, R27, R30, R33, R38, R41	12	C144558	
0Q	R-0805	R4, R6, R7, R8, R12, R13, R18, R20, R21, R22, R26, R28, R32, R34, R35, R36, R40, R42	18	C269721	
10Q 1W (snubber) Please calculate RS roughly Vp/lp through switch	R-2512	R129, R146, R166, R177, R188, R199	6	C269345	
10KQ	R-0603	R44, R45, R46, R47, R50, R54, R81, R82, R119, R121, R123, R124, R126, R127, R128, R125	16	C269684	
3K3Q	R-0603	R48, R51, R52, R83, R86, R96, R99, R102, R103, R104, R106, R107, R108, R109	14	C26010	
510Q	R-0603	R43, R49, R53, R79, R118, R120, R122	7	C101082	

Name / Value	Package	Designator	Quantity	LCSC	OTHER
10Ω	R-0603	R55	1	C22859	
R-0603	R-0603	R56, R57, R133, R134, R135, R136, R137, R153, R154, R155, R156, R157, R167, R168, R169, R170, R171, R178, R179, R180, R181, R182, R189, R190, R191, R192, R193, R200, R201, R202, R203, R204	32	More than 4.7k ohms	
1KΩ	R-0805	R58, R59, R60, R64, R65, R66, R75	7	C269727	
10KΩ	R-0805	R61, R62, R63, R67, R68, R69, R74, R87, R89, R90, R93, R95, R101	13	C269724	
100KΩ	R-0603	R72	1	C269699	
6.8KΩ	R-0603	R73	1	C269697	
11KΩ	R-0805	R76	1	C101424	
1.3KΩ	R-0603	R77	1	C269416	
0Ω	R-2512	R78, R80, R70, R71,	4	C556651	
1K2Ω	R-0603	R84, R97, R110, R111, R112, R113, R114, R115, R116, R117	10	C269681	
4K7Ω	R-0603	R85, R98, R105	3	C269713	
1K2Ω	R-0805	R88, R100	2	C269381	
680KΩ	R-1206	R91, R92	2	C269595	
500Ω	R-1206	R94	1		
100kΩ 1W	R-2512	R130, R131, R132, R143, R144, R145, R147, R148, R149, R150, R151, R152, R158, R159, R160	15	C269364	
11Ω	R-1206	R138, R139, R140, R141, R142, R161, R162, R163, R164, R165, R172, R173, R174, R175, R176, R183, R184, R185, R186, R187, R194, R195, R196, R197, R198, R205, R206, R207, R208, R209	30	C352157	
AP9T18GH-HF	TO-252	T1	1	C124546	
IXDN614	8SOIC	U1, U3, U5, U7, U9, U11	6		https://ozdisan.com/Product/Detail/346857/IXDN614SI
TLP152	6SO-5	U2, U4, U6, U8, U10, U12	6		https://ozdisan.com/Product/Detail/501484/TLP152IPLE
STM32F103RBT6	LQFP-64 10.0x10.0x0.5P	U13	1	C8735	
LM2576HV/ADJ	TO263-5	U14	1	C347439	
SR2803	SOP-8	U15	1		https://ozdisan.com/Product/Detail/518838/SR2803G-S08-T
ESP8266-12E/ESP-12E	WiFi module	U16	1		https://ozdisan.com/Product/Detail/503226/ESP8266-12E
R12P21503D	Sip7	X1, X2, X3, X4, X5, X6	6		https://ozdisan.com/power-supplies/isolated-converter-modules/dcdc-converters/R12P21503D