

STEVAL-ILD004V1

Item	Quantity	Reference	Part	Manufacturer	Ref farnell/RS
1	1	C1	1u		farnell 1833815
2	2	C2,C10	100n		farnell 499687
3	6	C3,C5,C6,C7,C8,C12	10n		farnell 1833846
4	3	C4,C17,C18	1n		farnell 499201
5	1	C9	100u / 25V		farnell 1281812
6	1	C11	15u / 63V		farnell 1690763
7	1	C13	150 p		farnell 1856472
8	1	C14	680p		farnell 3019860
9	1	C15	47n		farnell 1890276
10	1	C16	4.7n / 63 V		farnell 9411844
11	2	D1,D2	1N5404		farnell 9565086
12	2	D3,D4	MRA4007		farnell 1459137
13	1	D6	BZV55C15		farnell 1924332
14	7	D7,D8,D9,D11,D12,D13,D14	D1N4148		farnell 8150206
15	1	D10	BZT55B13		farnell 1617755
16	1	D5	LED		farnell 4134448
17	1	F1	Thermal cut-off shunt		N/A
18	1	J1	CON2		farnell 1866444 (and 1866538)
19	1	J2	CON4		farnell 1248142 (and 8179948)
20	1	J3	EMI inductor shunt		N/A
21	1	J4	IGBT shunt		N/A
22	6	J5,J6,J7,J8,J9,J10	PT		farnell 873-1195
23	1	L1	2.2u		RS - 496-0388
24	2	Q1,Q2	TS820-600FP	ST	
25	1	Q3	STGF10NC60KD	ST	
26	1	Q4	BS250		farnell 1843731
27	2	Q5,Q10	BS170		farnell 9526005
28	1	Q6	MOSFET N / STD1NK60	ST	farnell 1752023
29	3	Q7,Q9,Q11	2N2222A/ZTX	ST	farnell 1757934
30	2	Q8,Q12	Q2N2907		farnell 1758033
31	2	Q13,Q14	BSS159N		farnell 1471702
32	1	RV1	VARISTOR S20K250		RS 204-2157
33	3	R1,R2,R10	22k		package 1206 : farnell 1576647 package 0805 : farnell 9370986
34	2	R3,R16	20k		package 1206 : farnell 9336125 package 0805 : farnell 1670245
35	3	R4,R12,R25	10 Ohm		package 1206 : farnell 2008391 package 0805 : farnell 1697403
36	2	R5,R6	220k / 350 V / 0.6W		farnell 9466037
37	3	R7,R8,R17	200k		farnell 1858202
38	1	R9	1 Ohm		farnell 1865240
39	4	R11,R14,R19,R23	10k		farnell 1612522
40	1	R13	330k		farnell 1577692
41	1	R15	5k		farnell 1835558
42	1	R18	1k		farnell 9332383
43	1	R20,21	51 Ohm		farnell 1653019
44	1	R22	0.047 Ohm / 0.5 W		farnell 2112795
45	1	R24	100k		farnell 9332405
46	1	R27	7.5k		farnell 9333533
47	3	SW1,SW2,SW3	SW_PB_SPST		farnell 2060823
48	1	U1	STM8S103F2	ST	RS - 7249899
49	1	U2	L78L05AB	ST	farnell - 1467762
50	4	N/A	3 mm (15mm length) screw-support ETTINGER - 06.53.206 - 20/M3/1.8-PA		farnell - 1466950