

Document	PCB reference:	
STEVAL-ILH002V1		
Company:	STMicroelectronics	

Index	Quantity	Reference	Value / Generic Part Number	Package	Manufacturer	Manufacturer's ordering code / Orderable Part Number	Supplier	Supplier's ordering code
Revised:								
				DxL (mm)				
1	1	C2	470pF/ 50V	1206	-			
2	1	C4	33pF/100V	1206	-			
3	2	C5,C40	220nF/240Vac X2		ARCOTRONICS	R46KI322050M2M		
4	1	C6	2.2nF/50V	1206	ARCOTRONICS	LDECA1220KA0N00		
5	1	C7	680nF/50V		-		RS	166-6033
6	1	C8	27nF/50V	1206	ARCOTRONICS	LDECA2270KA0N00		
7	5	C3,C9,C10,C18,C29	100nF/50V	1206	-			
8	9	C11,C16,C21,C24,C28,C33,C42,C43,C45	220nF/50V	1206	-			
9	1	C38	220nF/100V	passo<=8mm			DISTRELEC	820423
10	1	C13	820pF/1kV		ARCOTRONICS	KHA821KN28DHAAA		
11	2	C14,C19	1nF/630V	2220	ARCOTRONICS	LDEPD1100KA5N00		
12	2	C15,C20	4.7nF/50V	1206	ARCOTRONICS	LDECA1470KA0N00		
13	1	C17	22nF/630V	2824	ARCOTRONICS	LDEPE2220KA5N00		
14	2	C12,C22	220nF / 400V	passo<=15mm			DISTRELEC	821131
15	1	C25	330nF/50V	X7R-ceramico			DISTRELEC	830440
16	1	C26	100pF/1kV	ceramico	ARCOTRONICS	KHB101KN24CGAAA		
17	2	C23,C44	100pF/2kV	ceramico	ARCOTRONICS	KHB101KP31DGAAA		
18	2	C27,C30	47µF/50V		ARCOTRONICS	ESY476M050AE3AA		
19	1	C31	560pF/250Vac Y2		ARCOTRONICS	KJY561KR35CGAAA		
20	1	C32	33nF/100V	1210	ARCOTRONICS	LDEEB2330KA0N00		
21	1	C34	1µF/300V		ARCOTRONICS	ESH105M350AG3AA		
22	1	C35	1µ/50V-elettrolitic	d=5mm			DISTRELEC	802600
23	1	C36	22nF/50V	1206	ARCOTRONICS	LDECA2220KA0N00		
24	2	C37,C46	47µF/300V	d=13x25mm	ARCOTRONICS	ESX476M300AL8AA		
25	1	C39	47pF 600V				RS	4057729
26	1	C41	100µF/35V	d=8mm			DISTRELEC	800489
27	3	D5,D25,D27	STTH102A	SMA	ST			ST-SUPPLY
28	4	D6,D9,D10,D11	SM4007				DISTRELEC	601628
29	2	D14,D16	zener 16V	MiniMelf				
30	2	D15,D18	zener 18V	MiniMelf				
31	1	D17	zener 12V	MiniMelf				
32	1	D19	zener 15V 1/2W	DO41				
33	1	D20	zener 130V	1/2W				
34	3	D21,D32,D34	STTH1R06A	SMA	ST			ST-SUPPLY
35	1	D22	zener 120V	1/2W				
36	3	D23,D33,D37	STTH2R06U	SMB	ST			ST-SUPPLY
37	4	D24,D26,D28,D40	STTH108A	SMA	ST			ST-SUPPLY
38	7	D29,D30,D31,D35,D36,D38,D39	LL4148	MiniMelf				
39	1	F1	250Vac/500mA ritardato T	d=8.5mm			DISTRELEC	271338
40	1	J1	CON2	5mm			DISTRELEC	140272
41	1	J2	CON3	5mm			DISTRELEC	140274
42	1	L4	680µH		MAGNETICA	15510006		ST-SUPPLY
43	1	L6	E20 / 1.2mH	E20	MAGNETICA	1851.0001		
44	1	L7	2x18mH 0.5A	EV20			DISTRELEC	351627

45	1	T1	E20	E20	MAGNETICA	1814.0001		ST-SUPPLY
46	1	T2	EFD25/13/9	EFD25	MAGNETICA	13180006		ST-SUPPLY
47	3	Q2,Q3,Q4	STGD3NB60SD	DPAK	ST			ST-SUPPLY
48	1	Q6	SMDB3	SOT23	ST			ST-SUPPLY
49	1	Q8	STF5NK90Z	TO220FP	ST			ST-SUPPLY
50	1	Q9	MJD112T4	DPAK	ST			ST-SUPPLY
51	1	Q13	1.5KE440A	DO201	ST			ST-SUPPLY
52	3	Q14,Q18,Q19	2STR1230	SOT23	ST			ST-SUPPLY
53	1	Q15	BUL804	TO220	ST			ST-SUPPLY
54	1	Q16	2STR2230	SOT23	ST			ST-SUPPLY
55	6	R1,R2,R21,R24,R26,R27	220K	1206				
56	12	R3,R11,R18,R19,R20,R22,R25,R40,R51,R63,R64,R68	10K	1206				
57	1	R4	82k	1206				
58	1	R49	75k	1206				
59	1	R5	22k	1206				
60	1	R6	100k	1206				
61	2	R7,R45	12k	1206				
62	1	R8	15	1206				
63	2	R9,R37	1k	1206				
64	1	R10	2.2	1W 5%				
65	1	R12	3.3	1206				
66	1	R13	100	1206				
67	3	R14,R16,R30	470	1206				
68	1	R15	68	1206				
69	1	R17	3.3k	1206				
70	1	R23	27k	1206				
71	2	R28,R46	1	1W 1%				
72	1	R33	820	1206 1%				
73	2	R31,R34	4.7k	1206 1%				
74	2	R32,R35	470k	1206 1%				
75	3	R36,R61,R62	22	1206				
76	1	R38	680k	1206				
77	1	R39	56k	1206				
78	1	R42	150k	1206				
79	2	R43,R44	680	1206				
80	1	R47	2.7k	1206 1%				
81	1	R50	47k	1206				
82	1	R48	330k	1206				
83	1	R41	82k	1206				
84	5	R52,R53,R65,R66,R67	100k	1206				
85	4	R56,R70,R71,R72	10M	1206				
86	1	U1	L6562D	SO8	ST			ST-SUPPLY
87	1	U4	L6571AD	SO8	ST			ST-SUPPLY
88	1	U8	LM139D	SO14	ST			ST-SUPPLY
89	1	R73	wire jump on pin 1 and 2	wire				