

			PROJECT NAME:		STEVAL-ILB009V1				
BILL OF MATERIALS									

Item	Quantity	Reference	Part / Value	Tolerance %	Voltage Current	WATT	PACKAGE	Manufacturer	Manufacturer Code	RS/Distelec/Other Code Vendor
1	2	R1/R2	2.7M	5%		1/4W	axial	any		
2	1	R3	15k	5%		1/4W	SMD	any		
3	2	R4/R5	270k	5%		1/2W	axial	any		
4	1	R6	47k	1%		1/4W	axial	any		
5	1	R7	10	5%		1/4W	SMD	any		
6	1	R12	47k	5%		1/4W	SMD	any		
7	1	R9	0.39	1%		1/4W	SMD	any		
8	1	R10	1	1%		1/4W	SMD	any		
9	2	R11/R12	220	5%		1/2W	axial	any		
10	2	R13/R14	1M	5%		1/2W	axial	any		
11	1	R15	15k	5%		1/2W	SMD	any		
12	1	R16	82k	5%		1/4W	SMD	any		
13	1	R17	10k	5%		1/4W	SMD	any		
14	3	R18/R19/R20	180k	5%		1/4W	axial	any		
15	2	R21/R23	5.6	1%		1/4W	SMD	any		
16	2	R22/R24	33	1%		1/4W	SMD	any		
17	2	R25/R26	0.82	1%		1/4W	axial	any		
18	1	R27	180	5%		1/2W	SMD	any		
19	1	C1	150nF		630V					RS code: 190-8393
20	4	C2/C5/C17/C18	10nF		>=50V					RS code: 312-1431
21	1	C3	10uF		>=50V					
22	2	C4/C8	100nF		>=50V					RS code: 463-1765
23	1	C6	33uF		450V					
24	1	C7	1uF		>=50V					
26	1	C21	680pF		630V					
27	2	C10/C12	4.7nF		1600VDC					Distelec code: 823705
28	2	C11/C13	10nF		1000VDC					Distelec code: 823630
29	2	C14/C15	100nF		630V					RS code: 622-4943
30	1	C20	27pF		>=500V					
31	1	C19	330nF		275Vac					RS code: 441-9650
32	1	Filter capacitance	2.2nF		275Vac					RS code: 466-508
33	1	D1	STTH1L06A				DO-41	any		

			PROJECT NAME:		STEVAL-ILB009V1				
BILL OF MATERIALS									

Item	Quantity	Reference	Part / Value	Tolerance %	Voltage Current	WATT	PACKAGE	Manufacturer	Manufacturer Code	RS/Distelec/Other Code Vendor
34	4	D3/D4/D12/D13	1N4148			1/4W	DO-35	any		
35	5	D5/D6/D7/D8/D11	1N4007				DO-41	any		
36	1	D16	Zener		18V	1/2W	DO-35	any		
37	2	RT1/RT2	PTC		Vmax = 420 V VN = 380 V,			EPCOS	B59884-C120-A70	SEE DATA SHEET PTC-C884.PDF
38	1	NTC	2.5Ω					any	any	
39	1	T2	18mH Filter inductance				See the Product Technical Specification	MAGNETICA	code:1045.0031	
40	1	T1	1.8mH 0.5A				See the Product Technical Specification	MAGNETICA	code:06388 class code:1107.0003	
41	1	L4	20uH				See the Product Technical Specification	MAGNETICA	code:06252 class code:1913.0003	
42	2	L3/L5	3.7mH				See the Product Technical Specification	MAGNETICA	code:06212 class code:1956.0005	
43	1	U3	L6562A				DIP-8		ST	
44	1	Q5	STD3N62K3				DPACK		ST	
45	1	Q8 1-2 bipolar	STD845DN40				DIP-8		ST	
46	1	Input Connector	2-way connector							RS code: 425-8736
47	2	U1/U2	2-way connector							RS code: 425-8736