

STEVAL-ISA090V1 BILL OF MATERIALS

Item	Quantity	Reference	Part / Value	PACKAGE	Manufacturer	Manufacturer Code	More Info
1	1	-C5-	CER. CAPACITOR 150pF 25V ±5%	P. 5 mm			
2	1	-C4-	CER. CAPACITOR 22 nF 25V ±5%	P. 5 mm			
3	1	-C2-	CER. CAPACITOR 470nF 25V ±5%	P. 5 mm			
4	1	-C3-	CER. CAPACITOR 1 µf 10V ±5%	P. 5 mm			
5	1	-C1-	POLYE. CAPACITOR 2.7nF 63V ±5%	P. 5 mm			
6	1	-C13-	POLYE. CAPACITOR 100nF 63V ±5%	P. 5 mm			
7	1	-C9-	POLYE. CAPACITOR 220nF 63V ±5%	P. 5 mm			
8	1	-C8-	POLYE. CAPACITOR 220nF 100V ±5%	P. 5 mm			
9	2	-C11-C12-	EL. CAPACITOR 150µF 35V	diam.8x11.5 P. 3.5mm	Nippon Chemi-con	EKY-350ELL151MHB5D	
10	1	-C10-	EL. CAPACITOR 470µF 63V	diam.16x20 P. 7.5mm	Nippon Chemi-con	EKY-630ETS471ML20S	
11	0	-C6-C7-C14-	NM				NOT ASSEMBLY
12							
13	1	-D1-	DIODE STPS5L60	DO-201AD	ST		
14							
15	1	-L1-	INDUCTOR 68 µH IRMS = 3.4A ISAT = 6.7A	DO5040H	Coilcraft	DO5040H-683MLD	
16							
17	0	-Q2-	NM	TO92			NOT ASSEMBLY
18							
19	1	-R3-	RESISTOR 2.7 Kohm ±1% 1/4W				
20	1	-R4-	RESISTOR 4.99Kohm ±1% 1/4W				
21	1	-R1-	RESISTOR 15 Kohm ±1% 1/4W				
22	1	-R2-	RESISTOR 15 Kohm ±1% 1/4W				
23	0	-R5-R6-R7-	NM				NOT ASSEMBLY
24							
25	1	-U1-	I.C. L4973V3.3	DIP18	ST		
26	1	-U1-	SOCKET 18 CONTACT (TULIPANO-TURNED)				
27							
28	4	- VIN- - VIN+ - VOUT- - VOUT+ -	SILVER CONTACT PINS RTM 1.3/5/8		Distrelec	450400	
29	4	-JP1-SYNCH-	PINS STRIP pitch=2.54mm	dim. 3/6 mm			
30	1	-JP1-	ISOLATED CAPS (JP1 -)				
31							
32							
33	4		SCREW M3X5				
34	4		M3 HEXAGONAL COLUMN H=10mm				