

STEVAL-ISA176V1					
ITEM	Reference	Part Number	Manufacturer	Description	Package Information
1	R1			22Ω±5% - 1W - 200V	Axial
2	R2	ERJP08F1203V	Panasonic	120kΩ±1% - 0.33W - 200V	1206
3	R3	MBA02040C3002FC100	Vishay	30kΩ±1% - 0.4W	(3.6x1.6)mm axial
4	R4			0Ω - 0.4W	
5	R5			Not connected	
6	R6	MBA02040C6201FC100	Vishay	6.2kΩ±1% - 0.4W	(3.6x1.6)mm axial
7	R7	MRS16000C1002FCT00	Vishay	10kΩ±1% - 0.4W	(3.6x1.6)mm axial
8	R8	ERJ6BQF1R2V	Panasonic	1.2Ω±1% - 0.25W	0805
9	R9	CR1206-JW-152GLF	Bourns	1.5kΩ±5% - 0.25W	1206
10	C1	400BXC4R7MEFC10X16	Rubycon	Elcap 4.7uF-400V	Ø10mm - p5mm - h 16mm
11	C2	400BXC4R7MEFC10X16	Rubycon	Elcap 4.7uF-400V	Ø10mm - p5mm - h 16mm
12	C3	C3216C0G2J102JT	TDK	MLCC capacitor 1nF-630V	1206
13	C4	UPW1V100MDD	Nichicon	10uF - 35V	Ø5mm - p2.5mm - h 11mm
14	C5	C322C102K1R5TA	Kemet	1nF - 50V	(5.08x3.81x6.6)mm
15	C6	SR215E474MAR	AVX	470nF - 50V	(5.08x3.175x5.08)mm
16	C7	C322C472K1R5TA	Kemet	4.7nF - 10V	(5.08x3.81x6.6)mm
17	C8	16ZLJ1000M10X16	Rubycon	1000uF - 16V	Ø10mm - p5mm - h 16mm
18	C9	C322C104K5R5TA	Kemet	100nF - 50V	(5.08x3.81x6.6)mm
19	C10	DE2E3KY222MB2BM01	Murata	2.2nF - Y-CAP	(8x10)mm
20	D1	STTH1L06	STMicroelectronics	Ultrafast diode 1A-600V	DO-41
21	D2	BAT46	STMicroelectronics	Signal schottky 0.15A-100V	DO-35
22	D3	STPS3L40UF	STMicroelectronics	Power schottky 3A-40V	SMB Flat
23	L1	B78108S1474J	Epcos	Axial power inductor 0.47mH	Axial
24	BR	MB6S RC	Taiwan Semiconductor	bridge rectifier	TO-269AA
25	M1	282837-2	TE Connectivity	Input connector	
26	M2	282837-2	TE Connectivity	Output connector	
27	TF	1335.0032 rev.1	Magnetica	Transformer	E16
28	IC	ALTAIR05T-800	STMicroelectronics	ASIC HV converter	SO16N