

STEVAl-ISA184V1 bill of materials

ITEM	Reference	Part Number	Manufacturer	Description	Package Information
1	R1	CRCW06031M80FKEA	Vishay	1.8MΩ±1% - 0.1W	0603
2	R2	CRCW06031M80FKEA	Vishay	1.8MΩ±1% - 0.1W	0603
3	R3	ERJPA3F2202V	Panasonic	22kΩ±1% - 0.25W	0603
4	R4	ERJ3GEYJ100V	Panasonic	10Ω±5% - 0.1W	0603
5	R5	CRCW0603180KFKEA	Vishay	180kΩ±1% - 0.1W	0603
6	R6	CRCW060339K0FKEA	Vishay	39kΩ±1% - 0.1W	0603
7	R7	ERJT08J331V	Panasonic	330Ω±5% - 0.33W	1206
8	R8	CRCW06034K70FKEA	Vishay	4.7kΩ±1% - 0.1W	0603
9	R9	ERJP06J101V	Panasonic	100Ω±5% - 0.5W	0805
10	R10	ERJP06J101V	Panasonic	100Ω±5% - 0.5W	0805
11	R11	ERJ3GEYJ123V	Panasonic	12kΩ±5% - 0.1W	0603
12	R12	ERJ3GEYJ122V	Panasonic	1.2kΩ±5% - 0.1W	0603
13	R13	ERJ3GEYJ474V	Panasonic	470kΩ±5% - 0.1W	0603
14	R14	CRCW060368K0FKEA	Vishay	68kΩ±1% - 0.1W	0603
15	R15	CRCW0603330KFKEA	Vishay	330kΩ±1% - 0.1W	0603
16	R16	CRGH0603J180K	TE Connectivity	180kΩ±5% - 0.2W	0603
17	R17	CRCW060322K0FKEA	Vishay	22kΩ±1% - 0.1W	0603
18	R18	ERJT08J274V	Panasonic	270kΩ±5% - 0.33W	1206
19	C1	ECQUAAF104M	Panasonic	100nF - X2 - 275Vac	L17.5mm - p15mm
20	C2	400BXC47MEFC16X25	Rubycon	Elcap 47μF-400V	Ø16 mm - p7.5 mm
21	C3	GRM188R71H223KA01D	Murata	22nF - 50V	0603
22	C4	50PK47MEFC6.3X11	Rubycon	Elcap 47μF-50V	Ø6.3 mm - p2.5 mm
23	C5	GRM188R71H223KA01D	Murata	22nF - 50V	0603
24	C6	GRM188R71H152KA01D	Murata	1.5nF - 50V	0603
25	C7	GRM188R71H223KA01D	Murata	22nF - 50V	0603
26	C8	25ZLG330MEFC10X12.5	Rubycon	Elcap 330μF-25V	Ø10 mm - p5 mm
27	C9	25YXJ220M6.3X11	Rubycon	Elcap 220μF-25V	Ø6.3 mm - p2.5 mm
28	C10	GRM188R71H222KA01D	Murata	2.2nF - 50V	0603
29	C11	16ZLK1200M10X20	Rubycon	Elcap 1200μF-16V	Ø10 mm - p5 mm
30	C12	25YXJ220M6.3X11	Rubycon	Elcap 220μF-25V	Ø6.3 mm - p2.5 mm
31	C13	GRM188R71H222KA01D	Murata	2.2nF - 50V	0603
32	C14	GRM188R71H103KA01D	Murata	10nF - 50V	0603
33	C15	DE2E3KY222MA2BM01	Murata	2.2nF Y2	Ø8 mm - p5 mm
34	C16	GRM31A5C2J331JW01D	Murata	330pF - 630V	1206
35	D1	STTH1L06A	STMicroelectronics	Ultrafast diode 1A-600V	SMA-2
36	D2	BAT46ZFILM	STMicroelectronics	Signal schottky 0.15A-100V	SOD-123
37	D3	BAT46ZFILM	STMicroelectronics	Signal schottky 0.15A-100V	SOD-123
38	D4	BAT46ZFILM	STMicroelectronics	Signal schottky 0.15A-100V	SOD-123
39	D5	STPS2H100A	STMicroelectronics	Power Schottky Rectifier	SMA
40	D6	STPS5H100B	STMicroelectronics	Power Schottky Rectifier	DPAK
41	Dz2	DZ2W18000L	Panasonic	Zener Diode 18V 1W	MINI2F3B
42	Dz3	DZ2W12000L	Panasonic	Zener Diode 12V 1W	MINI2F3B
43	Dz4	DZ2W12000L	Panasonic	Zener Diode 12V 1W	MINI2F3B
44	L1	SRP4020-2R2M	Bourns	2.2μH	4x4mm
45	L2	SRP4020-2R2M	Bourns	2.2μH	4x4mm
46	CM	B82721A2701N20	Epcos	10mH - 0.7A	B82721A
47	BR	RMB6S	Taiwan Semiconductor	0.5A-600V bridge	BRIDGE-SOIC4_1

48	IC1	VIPer37LD	STMicroelectronics	Offline Primary Controller	SDIP10
49	IC2	TS432ILT	STMicroelectronics	Low voltage adjustable shunt reference	SOT23-3
50	OPTO	SFH6106-2T	Vishay	Optocoupler	
51	T1	1715.0081	Magnetica	Flyback Transformer	
52	F1	3721160000	Wickmann	Fusibile PCB radiale	Ø8.5 mm - p5 mm
53	RV	B72210S0321K101	Epcos	Varistore	Ø12 mm - p5.4 mm
54	JMP	TSW-103-14-L-S	Samtec	Connettore verticale a 3 vie	2.54mm
55	JUMPER	AKSCT/Z BLACK	ASSMANN WSW	Ponticello femmina dritto 2 vie	2.54mm
56	IN Con.	282836-2	TE Connectivity	2 vie female connector	
57	OUT Con.	282836-3	TE Connectivity	3 vie female connector	