

**PROJECT NAME: STEVAL-ISA188V1**

**BILL OF MATERIALS**

Item	Quantity	Reference	Part / Value	Voltage / Watt / Ampere	Type / TECHNOLOGY informations	Tolerance	Package	Manufacturer	Manufacturer's ordering code / Orderable Part Number
1	3	C1, C9,C10,	10uF	50V	X5R	10%	1206	TDK	CGA5L3X5R1H106K
2	1	C2	1uF	100V	X7S	10%	0805	TDK	C2012X7S2A105K
3	1	C3	470nF	10V	X7R	10%	0603		
4	1	C4	2.2pF	10V	X7R	10%	0603		
5	1	C5	68nF	10V	X7R	10%	0603		
6	1	C6	10nF	10V	X7R	10%	0603		
7	4	C7, C11, C13, C13A	NOT MOUNTED				0603		
8	1	C8	220pF	10V	X7R	10%	0603		
9	3	C14, C15, C16	4.7uF	50V	X5R	10%	1206	TDK	CGA5L3X5R1H475K
10	1	L1	6.8uH				XAL50	Coilcraft	XAL5050-682MEC
	1	L2	4.7uH				XAL40	Coilcraft	XAL4030-472MEC
11	1	L3	SMD BEAD				0805	TDK	MPZ2012S221A (RS 604-2218)
12	5	R2, R3, R5, R9, R10	NOT MOUNTED				0603		
13	3	R1, R4, R7	0R				0603		
15	1	R6	1 Meg			1%	0603		
16	1	R8	75k			1%	0603		
17	1	R11	10R			1%	0603		
18	2	J1, J5	STRIP 2.54mm						
19	2	J1a, J5a	Female Straight Black Open Top 2 Way 1 Row					R.S.	assy in open position on J1 and J5
20	1	J2							OPEN
21	1	J3							CLOSED
22	1	J4							OPEN
23	7	TP1, TP2, TP3, TP4, TP5, TP6, TP7	TERMINAL PIN, 1.3MM DIA, PK100					Vogt ETTINGER	3780A08.61 13.14.239
24	4		PCB SPACER SUPPORT,	length10m m	NYLON			ANY	any
25	4		SCREW FOR SPACER		diameter 3mm length 6mm			ANY	any
26	1	U1	A6986F3V3				HTSSOP16	ST	A6986F3V3