

STEVAL-IDI009V1

BILL OF MATERIALS

Item	Ref	Quantity	Manufacturer	Part Number	Value	Footprint	Comment
1	CN8	1	SAMTEC	SSQ-106-03-G-S			Femelle on TOP of PCB, long male side thru PCB
2	CN6, CN9	2	SAMTEC	SSQ-108-03-G-S			Femelle on TOP of PCB, long male side thru PCB
3	CN5	1	SAMTEC	SSQ-110-03-G-S			Femelle on TOP of PCB, long male side thru PCB
4	C1	1	KEMET	C0603C332J5GACTU	3.3nF	0603	
5	C2	1	AVX	TPSC227K006R0125	220µF	2512	
6	C3, C5	2	KEMET	C0603C473K1RACTU	47nF	0603	
7	C4	1	MURATA	GRM188R61A226ME15D	22µF	0603	
8	C6, C8	2	MURATA	GRM188R71H103KA01D.	10nF	0603	
9	C7	1	MULTICOMP	MC0603F105Z160CT	1µF	0603	
10	C9, C10	2	MURATA	GRM188R61C106MA73D	10µF	0603	
11	D1	1	Diode inc.	1N4148W-7-F.	1N4148W-7-F	SOD123	
12	P1	1	Bourns	3313J-1-105E	1M	POT1_CMS b	
13	PIR	1	Murata	IRA-E700ST0	PIR sensor	PIR	
14	R1	1	MULTICOMP	MC0063W0603156K	56k	0603	
15	R2	1	PANASONIC	ERJ3GEYJ132V	1.3k	0603	
16	R3	1	Panasonic	ERJ3GEYJ684V	680k	0603	
17	R4	1	PANASONIC	ERJ3GEYJ133V	13k	0603	
18	R5, R9, R10	3	MULTICOMP	MC0063W06035100K	100k	0603	
19	R6, R7	2	MULTICOMP	MCMR06X4703FTL	470k	0603	
20	R8	1	MULTICOMP	MCMR06X1000FTL	100	0603	
21	SB0, SB1, SB2, SB3, SB4, SB7	6				Shunt_0603	Do not short these bridges
22	SB5, SB6	2	MULTICOMP	MC0063W06030R	0	Shunt_0603	
23	TP1, TP2, TP3	3				SIP1	
24	TSU102	1	STMicroelectronics	TSU102IST	TSU102	MiniISO8	