

STEVAL-ISA071V1 BOM

	Quantity	Ref.	Value / generic part number	Package / class	Manufacturer
1	1	R1	22 Ω / 2 W / 5%		
2	2	R2, R7	200 k Ω / 5%	1206	
3	1	R3	47 k Ω / 1% / 0.1 W	0805	
4	1	R4	4.7 k Ω / 5% / 0.1 W	0805	
5	1	R6	91 k Ω / 1% / 0.1 W	0805	
6	2	C1, C7	220 μ F / 25 V / 105 $^{\circ}$ C	D8 RM 5	Rubycon
7	1	C2	1 nF / 500 V	1206	
8	2	C4, C5	10 μ F / 400 V / 105 $^{\circ}$ C	D10 x 20 RM 5	
9	1	C8	1 nF / 50 V	0805	
10	1	C9	100 nF / 50 V	0805	
11	1	C10	10 μ F / 35 V / 105 $^{\circ}$ C		
12	1	L1	2.2 mH / 80 mA		
13	1	T1	EF16	T5684-51-01	EPCOS
14	1	D1	1N4148	SOD80	
15	1	D2	STPS1H100	SMA	STMicroelectronics™
16	2	D3, D6	SMD 1N4007	MELF / SMA	
17	1	D4	STPS1L60	SMA	ST
18	1	D5	STTH1L06	SMA	ST
19	1	U1	VIPer16L	DIP-7	ST
20	1	J1	Screw terminal 2pos.	RM 5 mm	
21	1	J2	Screw terminal 3pos.	RM 5 mm	