

BOM List --- STEVAL-ISA004V1

Quantity	Reference	Description
1	BR1	KBP210GDI
1	C1	0.047 μ F/250V boxcap
1	C2	22 μ F/400V electrolytic
1	C3	100pF 1kV ceramic
1	C4	22 μ F/25V electrolytic
1	C5	680 μ F/25V electrolytic
1	C6	22nF/50V ceramic
1	C7	100 μ F/25V electrolytic
1	C8	4.7nF/250V Y cap
1	C9	210 μ F/25V electrolytic
1	C11	0.01 μ F/50V ceramic
1	C12	10 μ F/400V electrolytic
1	D1	1N4148
1	D2	1N5821
1	D3	STMicroelectronics BYW100-200
1	F1	0.5A 250V Fuse
2	J1, J2	Connectors
1	L1	Compostar 2x30mH common-mode line choke
1	L2	Coilcraft 10 μ H inductor
1	R1	5 Ω 5% 1W
1	R2	2K Ω 5% 1/2W
1	R4	68 Ω 5% 1/4W
1	R5	2.438K Ω 1% 1/4W
1	R6	470 Ω 5% 1/4W
1	R7	9.1k Ω 5% 1/4W
1	R8	2.49K Ω 1% 1/4W
1	R9	15K Ω 5% 1/2W
1	T1	Cramer coil transformer CVP32-002
1	U1	STMicroelectronics VIPer22ADIP
1	U2	H11A817A or LTV817 optocoupler
1	U3	STMicroelectronics TL431
2	W1, W2	Jumper wire