

STEVAL-ISA119V1 BOM

Reference	Part	Description	Manufacturer
Cin	100nF, X2	series B32922	EPCOS
C1, C2	3.3uF, 450V	electrolytic capacitor	series M Panasonic
C3	1uF, 35V	electrolytic capacitor	series NHG Panasonic
C4	100nF, 50V	ceramic capacitor	
C5	n.c.	ceramic capacitor	
C6	n.c.	ceramic capacitor	
C7	1.5nF, 50V		
C8	100nF, 50V	ceramic capacitor	
C9	330uF, 16V	electrolytic capacitor ultra-low ESR	RUBYCON
C10	100nF, 50V	ceramic capacitor	EPCOS
R1	10ohm	1/2 W resistor	
R2	n.c.		
R3	1k	1/4W resistor	
R4	12kohm	1/4W resistor	
R5A	33kohm	1/4W resistor	
R5B	0	1/4W resistor	
R6	n.c.		
D1, D2	GL1M	1000V/ 1A diode	SEMIKRON
D3, D4	STTH1L06	ultra-fast 600V diode	STMICROELECTRONICS
D5		n.c.	
D6	LL4148	diode	VISHAY
L1	1mH	axial inductor	EPCOS
L2	1.5mH	power inductor	COILCRAFT
IC1	VIPer16L	controlled switch	STMICROELECTRONICS
IC2	L78L05	voltage regulator	STMICROELECTRONICS