

STEVAL-ISA156V1 BOM

Reference	Part Number	Description	Manufacturer
C1	CGA5L3X5R1H106K	10 μ F - 1206 - 50V - X7R - 10%	TDK
C2		1 μ F - 0805 - 50V - X7S - 10%	TDK
C3		470 nF - 50V - 0603	
C4		2.2 pF - 50V - 0603	
C5		68 nF - 50V - 0603	
C6		10 nF - 50V - 0603	
C8		120 pF - 50V - 0603	
C9	C3216X5R1C476M	47 μ F - 1206 - 16V - X5R - 20%	TDK
C14, C15, C16	C3216X7R1H475K160AC	4.7 μ F - 1206 - 50V - X7R - 10%	TDK
C7, C10, C11, C13		NOT MOUNTED	
R1, R4		0 R - 0603	
R6		1 M Ω - 1% - 0603	
R7		180 k Ω - 1% - 0603	
R8		130 k Ω - 1% - 0603	
R9		62 k Ω - 1% - 0603	
R11		10 R - 1% - 0603	
R2, R3, R5, R10		NOT MOUNTED	
L1	XAL5050-103MEC	10 μ H	Coilcraft
L2	XAL5030-472MEC	4.7 μ H	Coilcraft
L3	MPZ2012S221A	EMC bead	TDK
J1	OPEN	strip line Male, 2Way	any
J2	OPEN	tin drop	
J3	CLOSED	SWITCH OVER-tin drop	
J4	OPEN	not assembly	
U1	L6986		ST
M1,M2,M3,M4	spacer	MSCBSM-M3-06-01	RICHCO
Synch,SS/INH, RST, VOUT, GND, GND, VIN	PCB connector male 1 way	WP6820	VERO TECHNOLOGIES