

STEVAL-ISA158V1

BOM list

Reference	Part number	Description	Manufact.
C1	CGA5L3X5R1H106K	10 μ F - 1206 - 50 V - X7R - 10%	TDK
C2	C2012X7S2A105K	1 μ F - 0805 - 50 V - X7S - 10%	TDK
C3		470 nF - 50 V - 0603	
C4		2.2 pF - 50 V - 0603	
C5		68 nF - 50 V - 0603	
C6		10 nF - 50 V - 0603	
C8		120 pF - 50 V - 0603	
C9	C3216X5R1C476M	47 μ F - 1206 - 16 V - X5R - 20%	TDK
C14, C15, C16	C3216X7R1H475K160AC	4.7 μ F - 1206 - 50 V - 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 Ω - 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		
J2	Open		
J3	Closed	Switchover	
J4	Open		
U1	A6986		ST