

**BILL OF MATERIALS**

STEVAL-ISA039V1

Qty	Reference	Description	Package
<b>Capacitors</b>			
2	C12, C51	10iF, 25V, X5R Murata GRM31CR61E106KA12	SMD1206
1	C10	MLCC, 100nF, 25V, X7R	SMD0603
2	C14, C38	MLCC, 1iF, 16V, X7R	SMD0805
1	C39	MLCC, 22iF, 6.3V, X5R Murata GRM31CR60J226ME19	SMD1206
1	C30	330iF, 6.3V, 9mU Sanyo 6TPF330M9L	SMD7343
2	C23, C36	MLCC, 6.8nF, X7R	SMD0603
1	C24	MLCC, 68nF, X7R	
1	C35	MLCC, 220pF, X7R	
<b>Resistors</b>			
1	R4	Resistor, 1R8, 1/8W, 1%	SMD0805
4	R3, R5, R8, R16	Resistor, 0R, 1/16W, 1%	SMD0603
3	R1, R2, R17	Resistor, 3R3, 1/16W, 1%	
1	R14	Resistor, 15R, 1/16W, 1%	
1	R9	Resistor, 2K2, 1/16W, 1%	SMD0603
1	R13	Resistor, 3K9, 1/16W, 1%	
1	R7	Resistor, 4K7, 1/16W, 1%	
<b>Inductor</b>			
1	L1	Inductor, 2.20iH, Wurth 744324220LF	na
<b>Active Components</b>			
1	D1	Diode, BAT54	SOT23
1	Q5	Mosfet, STS9D8NH3LL	SO8
1	U1	Controller, L6727	SO8