

PROJECT NAME:

STEVAL-ISA141V1

## BILL OF MATERIALS

Item	Quantity	Reference	Part / Value	Voltage / Watt / Ampere	Type / TECHNOLOGY informations	Tolerance	Package	Manufacturer	Manufacturer's ordering code / Orderable Part Number	Supplier	Supplier's ordering code
1	8	C1, C2, C3, C4, C6, C7, C8, C9	10µF	16V	Capacitor (Semiconductor SIM Model)		0603	TDK	C1608X5R1A106M		
2	1	C5	2.2µF	6.3V	Capacitor (Semiconductor SIM Model)		0603	TDK	C1608X7R1H225K		
3	1	C10	N.C.		Polarized Capacitor (Surface Mount)		1210	ANY	NOT ASSEMBLY		NOT ASSEMBLY
4	2	CN1, CN4	4pin male				HDR1X4	ANY			
5	2	EN, MODE	3pin male				HDR1X3	ANY			
6	1	L1	1.5uH	9.1A	Inductor	20%	4.3 mm W x 4.3 mm L x 2.1 mm H	COILCRAFT	XFL4020-152MEB	MOUSER	994-XFL4020-152MEB
7	1	R1	560K	Res3	Resistor		0603	ANY			
8	1	R2	100K	Res3	Resistor		0603	ANY			
9	1	R3	47ohm	Res3	Resistor		0603	ANY			
10	1	U1	STBB3R		ST-SUPPLY		WLCSP 20 Bumps	ST	STBB3J3	ST-SUPPLY	ST-SUPPLY