

PROJECT NAME:

STEVAL-ISA0100V1

## BILL OF MATERIALS

Item	Quantity	Reference	Part / Value	Tolerance %	Voltage Current	WATT	TECNOLOGY information	PACKAGE	Manufacturer	Manufacturer Code
1	1	-C5-	CHIP CAPACITOR 100pF 50V		50V			0603		
2	1	-C3-	CHIP CAPACITOR 3.3nF 50V		50V			0603		
3	1	-C4-	CHIP CAPACITOR 33nF 50V		50V			0603		
4	1	-C6-	CHIP CAPACITOR 470nF 50V X7R/X5R		50V		X7R/X5R	0805		
5	1	-C1-	CHIP CAPACITOR 10µF 50V		50V			1210	TAYIO YUDEN	UMK325BJ106MM-T
6	1	-C2-	CHIP CAPACITOR 22µF 25V		25V			1210	MURATA	GRM32ER61E226KE15
7										
8	1	-D1-	DIODE STPS3L40UF					SMB	ST	
9										
10	5	- VIN - VOUT - SYN - GND - GND -	PINS STRIP pitch=2.54mm					dim. 3/6 mm		
11										
12	1	-L1-	INDUCTOR 10 uH					MSS1260	COILCRAFT	MSS1260-103
13										
14	1	-R3-	CHIP RESISTOR 330 ohm ±1% 1/16W	1%		1/16W		0603		
15	1	-R6-	CHIP RESISTOR 1Kohm ±1% 1/16W	1%		1/16W		0603		
16	1	-R2-	CHIP RESISTOR 1.1Kohm ±1% 1/16W	1%		1/16W		0603		
17	1	-R4-	CHIP RESISTOR 1.5Kohm ±1% 1/16W	1%		1/16W		0603		
18	1	-R1-	CHIP RESISTOR 4.99Kohm ±1% 1/16W	1%		1/16W		0603		
19	1	-R5-	CHIP RESISTOR 150Kohm ±1% 1/16W	1%		1/16W		0603		
20	1	-R8-								
21	0	-R7-	NM							
22										
23	1	-U1-	I.C. L7986A					HSOP8	ST	
24										