

PROJECT NAME:

STEVAL-ISA141V2

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	4	C1, C2, C6, C7	10 μ F	10V	X5R		0603	TDK	C1608X5R1A106M080AC	DIGI-KEY	445-6853-2-ND
2	4	, C3, C4, , C8, C9	10 μ F-Not Assembly	10V	X5R	Not Assembly	0603-Not Assembly	TDK	C1608X5R1A106M080AC	DIGI-KEY	445-6853-2-ND
3	1	C5	2.2 μ F	6.3	X7R		0603	TDK	C1608X7R0J225M080AB	DIGI-KEY	445-5961-2-ND
4	1	C10-Not Assembly	100 μ F-Not Assembly	10V-Not Assembly	Cap Pol3	Not Assembly	1210	AVX	TAJB107M010R	R.S.	699-2958P
5	1	DZ-Not Assembly	5.1V Zener-Not Assembly	Not Assembly	Res	Not Assembly	0603	Not Assembly			Not Assembly
6	1	MODE	wire bridge between 1, 2, pin		wire bridge between 1, 2, pin		wire bridge between 1, 2, pin				
7	1	2 way shorting link 2.54mm	shorting link 2.54mm				shorting link 2.54mm	ANY	ANY	R.S.	251-8682
8	2	EN,	3pin male		STRIP LINE 2.54mm		HDR1X3	ANY	ANY		
9	2	Input - Output	4pin male		STRIP LINE 2.54mm		HDR1X4	ANY	ANY		
10	1	L1	1.5 μ H	9.1A	Inductor	20%	4.3 mm W x 4.3 mm L x 2.1 mm H	TDK	VL403215MT-1R5N		
11	1	R1	0 ohm		0 ohm		0603	COILCRAFT	XFL4020-152MEB	MOUSER	994-XFL4020-152MEB
12	1	R3	100ohm		Res		0603	ANY	ANY		
13	1	Rs	0.1ohm	1/4W	Res		1210				
14	1	U1	STBB3JCC				WL CSP 20 Bumps	STMicroelectronics	STBB3JCC		