

PROJECT NAME:

STEVAL-ISA130V1

BILL OF MATERIALS

Item	Quantity	Reference	Part / Value	Tolerance %	Voltage Current	WATT	TECNOLOGY information	PACKAGE	Manufacturer	Manufacturer Code	RS/Distelec/Other Code Vendor
1	1	CX	220pF				X7R +/-10%	SM/C_0805			
2	1	C1	4.7uF		400V		105 C	CAPE10DX5LS	Compostar Ltec	TKR2GM4R7G16O	digi-key:565-1411
3	1	C2	10uF		400V		105 C	CAPE10DX5LS	Compostar Ltec	TKR2GM100G16O	digi-key:565-1412
4	1	C3	1uF		25V		X7R +/-10%	SM/c_1206	TDK	C3216X7R1E105K160AA	
5	1	C4	0.1uF		25V		X7R +/-10%	SM/c_0805	TDK	C2012X7R1H104K085AA	digi-key:399-1170-1-ND
6	1	C6	47uF		50V		105 C Low ESR	CAPE6.3DX2.5LS	Panasonic	EEU-FC1H470	digikey:10321-ND
7	1	C8	0.1uF				X7R +/-10%	SM/C_0805		GP	
8	1	C9	2.2nF				X7R +/-10%	SM/C_0805		GP	
9	3	D1,D2,D8	GS1M-TP				SM GP Diode 1KV 1A	S1MDICT		GS1M-TP	digi-key:GS1M-TPCT-ND
10	1	D5	STTH1L06A				600V 1A Ultrfast	STTA106/U		ST	
11	2	J1,J2	2 pin					Connect2 3.5mm		Mouser 651-1751248	Mouser 651-1751248
12	1	L0	470uH		140ma			STANDUPINDUCT	JW Miller	5300-33	
13	1	L1	1mH		I sat> 400ma			M600x	Compostar Ltec	Compostar Q3277 or Würth 744772102	
14	1	Rdz1	47kK	5%				SM/r_0805		GP	
15	1	R0	6.8			1/4 W	Carbon Comp	STANDUP 1/2W R65		OD68GJ	digi-key:OD68GJE-ND
16	1	R1	1K	5%			SM0805	SM/r_0805		GP	
17	1	R2	10.6K	1%			SM0805	SM/r_0805		GP	
18	1	R3	NU				SM0805	SM/r_0805		GP	
19	1	R4	29.4K	1%			SM0805	SM/r_0805		GP	
20	1	R5	NU				SM0805	SM/r_0805		GP	
21	1	U1	VIPer06XN					VIPer06Xdip		ST	