

PROJECT NAME: STEVAL-ISA129V1

BILL OF MATERIALS

Item	Quantity	Reference	Part / Value	Voltage / Watt / Ampere	Type / TECHNOLOGY informations	Tolerance	Manufacturer	Manufacturer's ordering code / Orderable Part Number	Supplier	Supplier's ordering code
1	2	C1,C2	4.7uF	400V	NHG serie electrol.capacitor	20%	PANASONIC	ECA-2GHG4R7	RS	ECA-2GHG4R7-ND
2	1	C3	10uF	35V	GA serie electrolytic capacitor	20%	PANASONIC	EEA-GA1V100H	RS	EEAGA1V100
3	2	C4,C11	100nF	50V	RPER7 serie ceramic capacitor	10%	MURATA	RPER71H104K2M1A03A	digi-key	490-7017-3-ND
4	1	C5	150pF	100V	ceramic capacitor	5%	MURATA		RS	RPE5C2A151J2M1A03A
5	1	C6	NOT MONTING				NOT MONTING			NOT MONTING
6	1	C7	4.7nF	100V		10%	KEMET		RS	C322C472K1R5TA
7	1	C8	150nF	100V		10%	AVX		RS	SR301C154KARTR
8	1	C9	470uF	25V	ZLH serie ultra-low ESR electrolytic capacitor	20%	RUBYCON		RS	25ZLH470MEFC10X12.5
9	1	C10	100uF	25V	VR serie electrolytic capacitor	20%	NICHICON	UVR1E101MED	digi-key	493-1061-ND
10	1	D0	DF06M	600V 1A	TRH		VISHAY			
11	1	D1	STTH1L06	CLAMP DIODE			ST			
12	1	D2	NOT MONTING		SMAL SIGNAL DIODE		NOT MONTING			NOT MOUNTED
13	1	D3	STPS2H100	100V 1A	output diode		ST			
14	1	D4	P6KE300A		TRANSIL		ST			
15	1	D5	BZX79-C18	18V	ZENER DIODE		NPX			
16	1	D6	1N4148		SMAL SIGNAL DIODE		ANY			
17	1	R1	4.7 ohm	3/4W			ANY			