



## Bill of materials

Table 1. STEVAL-LEOPOL1V1 bill of materials

Item	Q.ty	Ref.	Part/value	Description	Manufacturer	Order code
1	1	C1	330 $\mu$ F	Tantalum Polymer Capacitor	KEMET	T530X337M010ATE006
2	2	C2, C3	150 $\mu$ F	Tantalum Polymer Capacitor	KEMET	T530D157M010ATE006
3	4	C4, C5, C13, C14	100 nF	Multilayer Ceramic Capacitors	MULTICOMP PRO	MC0603B104K500CT
4	5	C9, C10, C11, C12, C16	1 $\mu$ F	Multilayer Ceramic Capacitors	TDK	C1608X5R1E105K080AC
5	0	C15	100 pF	Multilayer Ceramic Capacitors	Murata	GRM1885C1H101JA01
6	1	C6	270 pF	Multilayer Ceramic Capacitors	KEMET	C0603C271J5GACTU
7	1	C8	15 pF	Multilayer Ceramic Capacitors	KEMET	C0603C150J5GACTU
8	1	C7	4.7 nF	Multilayer Ceramic Capacitors	WALSIN	0603B472K500CT
9	1	R4	27 K $\Omega$	Thick Film Resistor	WALSIN	WR06X2702FTL
10	1	R1	0 $\Omega$	Thick Film Resistor	WALSIN	WR06X000PTL
11	1	R2	3.9 K $\Omega$	Thick Film Resistor	WALSIN	WR06X3901FTL
12	1	R3	8.2 K $\Omega$	Thick Film Resistor	WALSIN	WR06X8201FTL
13	1	R5	4.7 $\Omega$	Thick Film Resistor	ROYALOHM	0603SAF470KT5E
14	1	R12	4.7 K $\Omega$	Thick Film Resistor	WALSIN	WR06X4701FTL
15	0	R6, R8, R10	0 $\Omega$	Thick Film Resistor	MULTICOMP PRO	WR06X000PTL
16	1	R7	50 K $\Omega$	Thick Film Resistor	WELWYN	APC0603AD-50KBT5
17	1	R9	1 K $\Omega$	Thick Film Resistor	WALSIN	WR06X1001FTL
18	1	R11	12 K $\Omega$	Thick Film Resistor	WALSIN	WR06X1202FTL
19	1	J1		2 PIN MALE STRIP LINE, 2.54 mm Pitch	Würth Electronics Inc.	61300211121
20	2	CN1, CN3		2 Way PCB terminal, 5.08 mm Pitch	Phoenix Contact	1888687
21	1	CN6		3 PIN MALE STRIP LINE, 2.54 mm Pitch	Würth Electronics Inc.	61300311121

Item	Q.ty	Ref.	Part/value	Description	Manufacturer	Order code
22	6	CN2, CN4, CN5, CN7, CN8, CN9		2 PIN MALE STRIP LINE, 2.54 mm Pitch	Wurth Electronics Inc.	61300211121
23	1	L1	4.7 $\mu$ H	Power Inductors	Coilcraft	XAL8080-472MEB
24	1	TP		Test Point, 0.9 Hole Size	MULTICOMP PRO	TEST-1(W)
25	1	U1	LEOPOL1, PowerSO 36	LEOPOL, PowerSO-36, 36L	ST	LEOPOL1PDT

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