



## Bill of materials

Table 1. STEVAL-L9800 bill of materials

Item	Q.ty	Ref.	Part/value	Description	Manufacturer	Order code
1	2	C1,C6	100nF	multilayer ceramic capacitor	WALSIN	MT21B104K500CT
2	8	C2, C3, C7, C8, C9, C10, C11, C12	10nF	multilayer ceramic capacitor	WALSIN	MT21B103K500CT
3	1	C4	10uF	Aluminum Electrolytic Capacitor	WURTH ELEKTRONIK	865080642006
4	1	C5	100uF	Aluminum Electrolytic Capacitor	WURTH ELEKTRONIK	865080653016
5	2	LED1,LED10		Green Led	MULTICOMP PRO	MP005923
6	8	LED2, LED3, LED4, LED5, LED6, LED7, LED8, LED9		Orange Led	MULTICOMP PRO	MP007090
7	10	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	1K	Resistor	MULTICOMP PRO	MCWR08X1001FTL
8	9	R14, R40, R41, R42, R43, R44, R45, R46, R47	4K7	Resistor	MULTICOMP PRO	MCWR08X4701FTL
9	5	J22, J23, J24, J36, J37		Male strip connector, straight, board to board, 2.54 mm, 1 line, 3 connections	HARWIN	M20-9990345
10	2	J25, J26		Male strip connector, straight, board to board, 2.54 mm, 1 line, 2 connections	HARWIN	M20-9990245
11	1	D2	SMA6T39AY, SMA	TVS diode, SMA6TY Transil, unidirectional	ST	<a href="#">SMA6T39AY</a>
12	1	D3	SMA6T14AY, SMA	TVS diode, SMA6TY Transil, unidirectional	ST	<a href="#">SMA6T14AY</a>
13	1	J13		C.S. Clamps straight step 5 MM	ELCART	05/10000-00
14	1	J14		Clamps wire to board, 5 mm, 8 Vie, 28 AWG, 12 AWG, with screws	AMPHENOL ANYTEK	VI0801550000G
15	1	CN1		PCB Preci-Dip connections, 14 via, 2 line, step 2.54mm	Preci Dip	803-87-014-10-001101
16	1	CN7		PCB Preci-Dip connections, 22 via, 2 line, step 2.54mm	Preci Dip	803-87-022-10-001101
17	1	CN10		PCB Preci-Dip connections, 20 via, 2 line, step 2.54mm	Preci Dip	803-87-020-10-001101
18	1	CN10		PCB Preci-Dip connections, 18 via, 2 line, step 2.54mm	Preci Dip	803-87-018-10-001101
19	1	U1	L9800-TR, TFQFN24	8 channels low side driver	ST	<a href="#">L9800-TR</a>

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