



Bill of materials

Table 1. STEVAL-0608Y1V8 bill of materials

Item	Q.ty	Ref.	Part/value	Description	Manufacturer	Order code
1	3	C1, C2, C23	22 uF	Ceramic capacitor X7T/10V/20%	Murata	GRT21BD71A226ME13
2	4	C3, C4, C5, C6	22 uF	Ceramic capacitor X7R/10V/10%	Murata	GCM31CR71A226KE
3	1	C7	1 uF	Ceramic capacitor X7R/25V/10%	Murata	GCM188R71E105KA
4	1	C9	100 nF	Ceramic capacitor X7R/16V/10%	Murata	GRT155R71C104KE
5	1	C10	10 nF	Ceramic capacitor X7R/25V/5%	KEMET YAGEO	C0402C103J3RACAUTO
6	1	C21	330 uF	Polymer Tantalum Capacitor	Panasonic	6TAE330ML
7	3	C12, C25, C26		(not mounted)		
8	1	L1	240 nH	Shielded Power Inductor	Coilcraft	XGL4025-241ME
9	1	L2	300 nH	Shielded Power Inductor	Coilcraft	XGL3020-301ME
10	1	R1	30 k	Thick film resistor	MULTICOMP PRO	MP003488
11	1	R2	15 k	Thick film resistor	MULTICOMP PRO	MP003483
12	1	R4	27 k	Thick film resistor	MULTICOMP PRO	MP003487
13	1	R5	100 k	Thick film resistor	MULTICOMP PRO	MP003498
14	2	R3, R6		(not mounted)		
15	1	JP1	header	6 Way, 1 Row, Straight Pin Header, 2,54 mm pitch, 6mm height	TE Connectivity	826936-6
16	1	JP2	header	4 Way, 1 Row, Straight Pin Header, 2,54 mm pitch, 6mm height	TE Connectivity	826936-4
17	4	TP1, TP2, TP3, TP4	terminal pin	Brass terminal pin	Ettinger	013.14.239
18	1	U1	DCP0608QTRY, QFN 2x3 11 Leads	Automotive 6V / 8A step-down DC/DC regulator	STMicroelectronics	DCP0608QTRY
19	2	Jumpers		Female Straight Black Open 2 Way 1 Row 2.54mm Pitch	RS PRO	251-8682

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