



Bill of materials

Table 1. STEVAL-0606YADJ bill of materials

Item	Q.ty	Ref.	Part/value	Description	Manufacturer	Order code
1	3	C1, C2, C24	22 uF	Ceramic capacitor X7T/10V/20%	Murata	GRT21BD71A226ME13
2	3	C3, C4, C5	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	4	C6, C8, C12, C23, C25		(not mounted)		
8	1	L1	470 nH	Shielded Power Inductor	Coilcraft	XGL4030-471ME
9	1	L3	300 nH	Shielded Power Inductor	Coilcraft	XGL3020-301ME
10	1	L2		(not mounted)		
11	1	R1	68 k	Thick film resistor	MULTICOMP PRO	MP003495
12	1	R2	15 k	Thick film resistor	MULTICOMP PRO	MP003483
13	1	R4	27 k	Thick film resistor	MULTICOMP PRO	MP003487
14	1	R5	100 k	Thick film resistor	MULTICOMP PRO	MP003498
15	2	R3, R6		(not mounted)		
16	1	JP1 + JP4 + JP6 + JP7	header	6 Way, 1 Row, Straight Pin Header, 2,54 mm pitch, 6mm height	TE Connectivity	826936-6
17	1	JP2 + JP3	header	4 Way, 1 Row, Straight Pin Header, 2,54 mm pitch, 6mm height	TE Connectivity	826936-4
18	1	JP5		(not mounted)		
19	4	TP1, TP2, TP3, TP4	terminal pin	Brass terminal pin	Ettinger	013.14.239
20	1	U1	DCP0606QTRY QFN 2x3 11 Leads	Automotive 6V - 6A step-down DC/DC regulator	ST	DCP0606QTRY
21	2	Jumpers		Female Straight Black Open 2 Way 1 Row 2.54mm Pitch	RS PRO	251-8682

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