

Components list

Serial number	Element name	Grade	Characteristic	Package	Number
1	Chip resistor	R6	3002	0603	1
2	Chip resistor	R3, R8, R11~R16	1002	0603	8
3	Chip resistor	R7, R9	4703	0603	2
4	Chip resistor	R10	5110	0603	1
5	Chip resistor	R27	1201	0603	1
6	Chip resistor	R17	7500	0603	1
7	Chip resistor	R18, R21, R22, R23	0	0603	4
8	Chip resistor	R26	6803	0603	1
9	Chip resistor	R2	1203	0603	1
10	Chip resistor	R5	1802	0603	1
11	Chip resistor	R4	4701	0603	1
12	Chip capacitor	C6	331	0603	1
13	Chip capacitor	C8	102	0603	1
14	Chip capacitor	C7	470	0603	1
15	Chip capacitor	C30, C31, C10	6P	0603	3
16	Chip capacitor	C13, C14	150	0603	2
17	Chip capacitor	C12	101	0603	1
18	Chip capacitor	C19	560	0603	1
19	Chip capacitor	C11, C32	220	0603	2
20	Chip capacitor	C9, C5	104	0603	2
21	Chip capacitor	C2, C3	270	0603	2
22	Chip capacitor	C4, C15~C29	103	0603	16
23	Chip capacitor	C1	10uF/25V		1
24	Chip inductors	L1	R18 (180nH)	1218	1
25	Chip inductors	L2	22nH	0603	1
26	Chip inductors	L3	47nH	0603	1
27	Chip inductors	L3, L4, L5	10uH	0603	3
28	Crystal oscillator	XTAL1	4.000	L=11mm, W=4.5mm, H=4.2mm	1
29	Crystal oscillator	XTAL2		L=11mm, W=4.5mm, H=11mm	1
32	Chip	U2	TDK5101	TSSOP-16	1
33	Chip	U1	MSP430F1101A	SOP20	1
34	Triode	U3	SP809KE-2-3	SOP-23	1
35	Light emitting diode	LED	Φ3	Tripod	1
37	Plug-in unit	JP2, JP3	P2-2.0	Pitch2.0mm	2
38	Plug-in unit	JP1	P6-2.0	Pitch2.0mm	1
39	Plug-in unit	JP4	P6-1.25	Pitch1.25mm	2
40	Button	SW1~SW8		L=12mm, W=12mm, H=6.8mm	8
41	Circuit board	501-924-106			1
42	Circuit board	501-921-107			1
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