

# Bill of Materials

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TIDA-00006

DESIGNATOR	QUANTITY	DESCRIPTION	MANUFACTURER	PART NUMBER	ALTERNATIVE MANUFACTURER	ALTERNATIVE PART NUMBER
C1	1	4.7uF, 0603, Capacitor, Ceramic,Chip,16V, X5R, ±10%	TDK	C1608X5R1C475K080AC	Taiyo Yuden	EMK107ABJ475KA-T
C2	1	10uF, 1206, Capacitor, Ceramic Chip, 16V,X7R, ±10%	TDK	C3216X7R1C106K160AC	Taiyo Yuden	EMK316AB7106KL-T
C3	1	0.1uF, 0402, Capacitor, Ceramic Chip,16V, X7R, ±10%	TDK	C1005X7R1C104K050BC	Taiyo Yuden	EMK105B7104KV-F
C4	1	0.01uF, 0402,Capacitor, Ceramic Chip,16V, X7R, ±10%	TDK	C1005X7R1C103K050BA	Taiyo Yuden	EMK105B7103KV-F
C5, C10	2	100pF, 0603, Capacitor, Ceramic, Chip,10V, X7R, ±10%	AVX	0603ZC101KAT2A	AVX	LD03ZC101KAB2A
C6, C7, C8	3	100uF, 1210, Capacitor, Ceramic Chip, 10V,X5R, ±20%	Taiyo Yuden	LMK325BJ107MM-T	Samsung	CL32A107MPVNNNE
C9	1	0.47uF, 0603, Capacitor, Ceramic,Chip,10V, X7R, ±10%	TDK	C1608X7R1A474K	Taiyo Yuden	LMK107B7474KA-T
J1, J2	2	Header, Male 2-pin, 100mil spacing,	Sullins	PEC02SAAN		
J3	1	Connector, SMA, Straight, 50 Ohm, DC to 12.4 GHz	Rosenberger	32K141-40ML5		
J4, J5, J6	3	Connector, Phono Jack 3.6 mm, Right Angle	KobiConn	161-0350-E		
J7	1	Connector, Audio Stereo Jack 3.5 mm	CUI	SJ-43515TS-SMT		
J8, J9, J10, J11, J12	0	Connector, SMA, Straight, 50 Ohm, DC to 12.4 GHz	Rosenberger	32K141-40ML5		
L1	1	180nH, 0603,Inductor, SMT, 180nH,±5%,140mA,2.2ohms, 100MHz	MuRata	LQW18ANR18J00D	Panasonic Electronic	ELJ-NJR18JF2
R1	1	1Mohms, 0603, Resistor, Chip, 1/10W, ±5%	Panasonic Electronic	ERJ-3GEY105V	Yageo	RC0603JR-071ML
R2, R3	2	10kOhms, 0603, Resistor, Chip, 1/10W, ±5%	Panasonic Electronic	ERJ-3GEY103V	Samsung	RC1608J103CS
R4, R5, R8, R9, R10	0	0ohms, 0201, Resistor, Chip, 1/20W	Panasonic Electronic	ERJ-1GE0R00C	Yageo	RC0201JR-070RL
R6, R7	2	0 ohms, 0201, Resistor, Chip, 1/20W	Panasonic Electronic	ERJ-1GE0R00C	Yageo	RC0201JR-070RL
TP1, TP2, TP3, TP4,	19	CONN HEADER .100 SINGL STR 1POS	Sullins	PEC01SAAN		
U1	1	IC, AUTONOMOUS AUDIO HEADSET SWITCH WITH REDUCED GND	TI	TS3A226AEYFFR		
--	4	Robber bumpers	3M	SJ61A2		
--	2	Shunts for jumper shorted	Sullins	QPC02SXGN-RC	Sullins	SPC02SXIN-RC

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