



Low-cost 2.4GHz Triax Board

Revision: 0.95

Board ID 00239\_02

Freescale Semiconductor RCSC

1. maje 1009

756 61 Roznov p.R., Czech Republic, Europe

Item	Quantity	Reference	Part	Manufacturer	Manufacturer order code	Farnell order code	Alternative
1	1	BATT1	battery holder CR2032	Renata	SMTU 2032-1	419-9443	
2	3	C1,C2,C3	100nF	TDK	C1608JB1H104K	753-567	Epcos B37931K9104K60
3	1	C4	100pF	TDK	C1608CH1H101J	752-836	Epcos B37930K5101J60
4	7	C5,C6,C7,C10,C11,C12,C13	10nF	TDK	C1608CH1E103J	881-9980	Murata GRM188R71H103KA01D
5	2	C8,C9	6.8pF	TDK	C1608CH1H070D	881-9807	Murata GRM1885C1H6R8DZ01D
6	1	L3	5.6nH	TDK	MLG1608B5N6DT		
7	1	L4	4.7nH	TDK	MLG1608B4N7ST		
8	2	D1,D2	Kingbright KP-1608SEC	Kingbright	KP-1608SEC	852-9850	
9	1	J2	BDM + serial	N/A			
10	2	L1,L2	100nH	TDK	MLG1608B22NJT		
11	1	Q1	16MHz NX2520SA	NDK	NX2520SA 16MHz EXS00A-02940	price in comment	
12	2	R1,R2	N/A	N/A			
13	3	R3,R4,R5	10k	resistor 0603 package		933-1700	MULTICOMP MC 0.063W 0603 5% 10K
14	2	R6,R7	N/A	N/A			
15	2	R8,R9	N/A	N/A			
16	1	SW1	switch Alps/SSSS811101	Alps	SSSS811101 (or SKRSPACE010 or SKRPABE010)	order via Mouser.com	
17	2	S1,S2	switch SKRP	Alps	SKRPADE010 (or SKRSPACE010 or SKRPABE010)	order via Mouser.com	
18	1	U1	MMA7260Q	Freescale	MMA7260Q		
19	1	U2	MC9S08QG8CDTE	Freescale	MC9S08QG8CDTE		
20	1	U3	MC13191FC	Freescale	MC13191FC		
21	1	C14	470uF/4V	Vishay		7442981 (Newark InOne)	