

Bill of Materials

Item	Qty	Reference	Value	Part Description	Manufacturer	Manufacturer Part Number	Alternate Part	PCB Footprint	Note
1	4	C9	10uF	CAP CER 2.2NF 6V 10% 0603	NC	N/A		0603	-
2	1	C11	10nF	CAP CER 22NF 6V 10% 0603	NC	N/A		0603	
3	3	C3,C7,C10	0.1uF	CAP CER 0.1UF 6V 10% 0603	NC	N/A		0603	
4	2	C2,C6	0.47uF	CAP CER 0.1UF 6V 10% 0603	NC	N/A		0603	
5	2	C1,C8	1uF	CAP CER 0.1UF 6V 10% 0603	NC	N/A		0603	
6	9	R1, R4, R5, R6, R7, R13, R17,	0	RES 10K OHM 1/16W 0603 SMD	NC	N/A		0603	
7	2	R2,R3	10K	RES 1K OHM 1/16W 0603 SMD	NC	N/A		0603	
8	1	R21	47K	RES 200K OHM 1/16W 0603 SMD	NC	N/A		0603	
9	8	R8, R9, R10, R11, R12, R14, R	100K	RES 200K OHM 1/16W 0603 SMD	NC	N/A		0603	
10	1	P1	Antena	Antena socket	NC	N/A		0603	
11	2	D1,D2	BAS40-04LT1G	Diode	NC	N/A		0603	
12	1	P3	JTAG	Debug JTAG	NC	N/A		CN8P-2.0	
13	1	P2	КВ	Keyboard wire	NC	N/A		FFC-26	
14	1	U3	MSP430FR5739IRHA	MCU	Texas Instruments	MSP430FR5739IRHA		QFN40	
15	1	U2	RF430CL330H	Dynamic NFC tag	Texas Instruments	RF430CL330H		TSOP14	
16	2	C4,C5	TBD	Antena matching cap	NC	N/A		0603	
17	1	U1	TLV70933	LDO	Texas Instruments	TLV70933DDC		SOT23-5P	

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