

Radius Alert Systems, Inc.
LassoTag Rev. A Bill Of Materials

Item	Qty	MFG P/N	Ref Des	Description	Manufacturer
1	1	CC2541F256RHAT	U1	CC2541 RF SOC WITH 256KB FLASH	TI
2	1	CMA3000-D01	A1	ACCELEROMETER 3-AXIS SPI/I2C SMD	VTI Technologies
4	7	GRM155R71A104KA01D	C2;C101;C211;C241;C281;C291;C311	Multilayer Ceramic Capacitors (MLCC) - SMD/SMT 0402 0.1uF 10volts X7R 10%	Murata
5	2	GRM1555C1H120JZ01D	C221;C231	CAP CER 12PF 50V 5% NP0 0402	Murata Electronics North America
6	2	GRM1555C1H150JZ01D	C321;C331	CAP CER 15PF 50V 5% NP0 0402	Murata Electronics North America
7	2	GRM1555C1H180JZ01D	C251;C261	CAP CER 18PF 50V 5% NP0 0402	Murata Electronics North America
8	1	GRM1555C1H102JA01D	C8	CAP CER 1000PF 50V 5% NP0 0402	Murata Electronics North America
9	3	GRM1555C1H1R0CZ01D	C252-253;C262	CAP CER 1PF 50V NP0 0402	Murata Electronics North America
10	2	GRM155R60J105KE19D	C391;C401	CAP CER 1UF 6.3V 10% X5R 0402	Murata Electronics North America
11	1	GRM1555C1H221JA01D	C271	CAP CER 220PF 50V 5% NP0 0402	Murata Electronics North America
12	1	GRM31CR60J476KE19L	C7	Multilayer Ceramic Capacitors (MLCC) - SMD/SMT 47uF 6.3Volts X5R 10%	Murata
13	1	LQG15HS1N0S02D	L252	INDUCTOR 1.0NH 300MA 0402	Murata Electronics North America
14	2	LQG15HS2N0S02D	L251;L261	RF Inductors 2.0 NH +/- .3NH	Murata Electronics North America
15	1	LQG15HS3N0S02D	L253	RF Inductors 3nH 0.3nH 100MHz	Murata
17	1	CRCW04022K70FKED (original p/n: RK73H1ETTP2701F)	R2	RES 2.70K OHM 1/16W 1% 0402 SMD Thick Film Resistors - SMD 56K OHM 1%	Vishay Dale
18	1	RK73H1ETTP5602F	R301		KOA Speer
19	1	M50-3600542 (original p/n: STL21-A01XX-010- TRU)	DEBUG	CONN HDR 1.27MM SMD AU 10POS	Harwin Inc

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20	1	TL3302BF180QJ (original p/n: 147873-2)	B3	SWITCH TACTILE SPST-NO 0.05A 12V	E-Switch
21	1	7B-32.000MEEQ-T (original p/n: FA-128)	X1	CRYSTAL 32.000 MHZ 10PF SMD	TXC CORPORATION
22	1	MC-306	X2	CRYSTAL 32.7680KHZ 12.5PF SMD	Epson Toyocom Corporation
21	1	MAX1551EZK+T	U2	Battery Management Dual USB/AC 1-Cell Li+ Battery Charger	Maxim Integrated Products
22	1	LM3671MF-2.5/NOPB	U3	IC BUCK SYNC 2.5V 0.6A SOT23-5	National Semiconductor
23	1	TPS78223DDCT	U4	IC LDO REG SGL 150MA 5-SOT	Texas Instruments
24	1	CB2518T2R2M	L501	INDUCTOR POWER 2.2UH 1007	Taiyo Yuden
25	1	RC0402JR-07100KL	R501	RES 100K OHM 1/16W 5% 0402 SMD	Yageo
26	1	CC0805ZRY5V6BB475	C502	CAP CER 4.7UF 10V Y5V 0805	Yageo
27	4	GRM21BF51C225ZA01L	C501,C504-C506	CAP CER 2.2UF 16V Y5V 0805	Murata Electronics North America
28	1	GRM21BF51A106ZE15L	C503	CAP CER 10UF 10V Y5V 0805	Murata Electronics North America
29	1	1734328-1	J1	USB Connectors M-USB 1X1 ABREC R/A SMT	
30	1	52030	B11, B12	Lipo Battery 3.7v 240mAh (30mm x 19mm x 5mm, 5g)	
31	1	KF_Rev2c		Circuit Board	Advanced Circuits
32	1	KF_Rev2c Assy		Assembly	Advanced Circuits