

11 Bill of material (ECE)

Rechargeable BMW-RF-transmitter

Item	Qty	Reference	Description
1.	1	PCB	2-layer board ECE, FR4, 1.0mm
2.	1	G300	Accu VL2020, H1D
3.	1	C100	0805, 100nF, 25V, 10%, X7R
4.	2	C101, C102	0603, 1nF, 50V, 10%, X7R
5.	1	C103	0603, 1.5nF, 50V, 10%, X7R
6.	1	C104	0805, 1.5nF, 50V, 2%, NPO-Ceramic
7.	2	R100, R201	0603, 33k, 50V, 5%, 63mW, 250ppm
8.	1	R101	0603, 10k, 50V, 5%, 63mW, 250ppm
9.	2	R102, R202	0603, 150R, 50V, 5%, 63mW, 250ppm
10.	1	R103	0805, 39R, 50V, 5%, 125mW, 250ppm
11.	1	R104	0603, 43k, 50V, 5%, 63mW, 250ppm
12.	5	R105, R106, R107, R108, R109	0603, 4k3, 50V, 5%, 63mW, 250ppm
13.	1	R110	0603, 2k, 50V, 5%, 63mW, 250ppm
14.	2	R111, R112	0603, 100k, 50V, 5%, 63mW, 250ppm
15.	3	R113, R114, R115	0603, 270k, 50V, 5%, 63mW, 250ppm
16.	1	T100	PNP Transistor BC807C, SOT23
17.	1	T101	NPN Transistor BC847C, SOT23
18.	1	M100	P channel FET BSS 84, SOT23
19.	1	D100	Double-Diode BAV199, SOT23
20.	2	D101, D102	Schottky-Double-Diode BAS40-07, SOT143
21.	1	Q100	CSTC-2.60MGA901-TC01
22.	3	S100, S101, S102	Switch KSR251J from ITT
23.	1	V100	uPD 754264, SSO20 with extended specification
24.	1	V101	Transponder ASIC 100.30, SO8
25.	1	V102	Reset-Generator MC33464N-20ATR, SOT23-5
26.	1	L100	1.08mH, 3% Ferrit-Coil
27.	1	C200	0603, 10pF, 50V, +/-0.2pF, NPO
28.	1	C201	0603, 1pF, 50V, +/-0.25pF, NPO
29.	1	C202	0603, 1pF, 50V, +/-0.25pF, NPO
30.	1	Q200	SAW Reson. PARS433.92K04 (433.92MHz)
31.	1	R200	0603, 15k, 50V, 5%, 63mW, 250ppm
32.	1	T200	NPN RF-Transistor BFR182 selected, SOT 23
33.	1	L200	Impeder coil MMZ1608Y102B
34.	1	L201	Coil, 56nH, 5% or

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