RCB256RFR2 Bill of Material

Qty	Component Name	Location	Description	Manufacturing Part Number	Manufacturer
1	A09-1786		RCB256RFR2 PCBA		
9	A01-0352	C11, C12, C13, C14, C15, C18, C19, C8, C9	Ceramic capacitor, SMD 0402, X7R, 16V, +/-10% (de19761), 100nF	GRM155R71C104KA88D	Murata
2	A01-0353	C4, C7	Ceramic capacitor, SMD 0603, X5R, 16V, 10% (de19763), 1uF	GRM188R61C105KA12D	Murata
3	A01-0354	C1, C3, C5	Ceramic capacitor, SMD 0402, NP0, 50V, +/-5% (de19768), 22pF	CM05CG220J50AH	Kyocera-elco
2	A01-0356	C10, C6	Ceramic capacitor, SMD 0402, NP0, 50V, +/-5% (de16674), 10pF	ECJ0EC1H100D	Panasonic
1	A01-0361	C16	SMD tantalum capacitor 6032 (de8897), 47uF/10V	TAJC476M010	AVX
1	A01-0362	C2	Ceramic capacitor, SMD 0402, X7R, 25V, 10 %, (de16677), 10nF	C1005X7R1E103K	tdk
4	A02-0559	R10, R5, R6, R7	Thick film resistor, SMD 0402, 1/16W, 1% (de19764), 470R	RC1005F 4700CS	Samsung
4	A02-0567	R1, R3, R8, R9	Thick film resistor, SMD 0402, 1/16W, 1% (de13875), 10k0	RC1005F1002CS	Samsung
1	A02-0568	R4	Thick film resistor, SMD 0402, 1/16W, 1% (de20048), 0R00	RC1005J000CS	Samsung
1	A03-0074	L1	SMD-Ferrite 1000Ohm, 100MHz 0603 size, (de19760), 1000ohm@100MHz	74279266	Würth Elektronik
1	A03-0075	B1	2,4GHz FilterBalun, SMD 1.25x2.0mm (de26949), 2450FB15L0001E	2450FB15L0001E	Johanson Technology
1	A06-0583	U2	1kbit Serial EEPROM, AT25010B-MAHL-T, 1.8-5V, Ultra Thin UDFN-8 (de30551), AT25010B-MAHL-T	AT25010B-MAHL-T	ATMEL
1	A06-0793	U3	AVR Microcontroller with Low Power 2.4GHz Transceiver for IEEE 802.15.4 (de35289) , ATMEGA256RFR2-ZU	ATMEGA256RFR2-ZU	ATMEL
1	A07-0054	Q2	16MHz SX-4025, 4 x 2.5 mm SMD 10ppm (de19513), 16MHz	XTL551150NLE-16.0MHz-9.0R	SIWARD
1	A07-0056	Q1	32.768kHz KX-327NHT, 3.2 x 1.5 mm SMD 20ppm (de19774), 32.768kHz	12.8715	GEYER ELECTRONIC
1	A08-0941	Batt1	PCB battery Holder for 2x AAA cells THM (de20365), BH421-3P	BH421-3P	Comfortable Electronic Co.Ltd.
1	A08-0947	SW1	Slide Switch, right angle 3 pol, 2 pos, (de20049), SPDT	09.10201.02	EAO
1	A08-0949	NUT1	Nut M2.5 DIN standard 934 (de4521), Nut M2.5		
1	A08-0950	SCR1	Screw M2.5x8 DIN standard 965 (de5252), 0048 25 8	0048 25 8	Würth Elektronik
1	A08-0959	PCB	RCB128RFA1 V6.3.1 PCB, RCB128RFA1 PCB	5 449 27 00.251.01	G&W Leiterplatten Dresden GmbH
1	A08-0960	SH1	EMI Shield Frame 25x30x3mm (de26517), LT08AD4303F	LT08AD4303F	Laird Technologies
1	A08-0961	SH1	EMI Shield Cover 25.6x30.6x2mm (de28985), LT08AD4303C	LT08AD4303C	Laird Technologies
1	A08-0962	T1	Tactile Switches, KSR 3,8x6mm,SMD (de19759), KSR211GLFS	KSR211GLFS	ITT cannon
1	A08-0963	X1	SMA PCB mounted connector 50Ohm (de19205), 19-46-1-TGG	19-46-1-TGG	Multicomp
2	A08-0964	EXT0, EXT1	Socket 2x15, SMD, 1.27mm Pitch (de19765), SFM-115-L2-S-D-LC	SFM-115-L2-S-D-LC	SAMTEC
2	A08-0993	Plug1, Plug2	Miniature Spring Socket Assembly (de21786), 2-331677-2	2-331677-2	TYCO
1	A08-1012	LAB2	Label with TELEC Logo, part name and TELEC ID, Label TELEC		
1	A09-0847	LAB1	Label for use on wireless PCBA that needs 64 bit MAC and FCC ID , Label PCBA with MAC64 and FCC ID	505462	ACT Logimark AS
4	A10-0065	D2, D3, D4, D5	LED, Red, Wave length=628nm, SMD 0603 (de19773), TLMS1000-GS08	TLMS1000-GS08	vishay
1	A11-0059	SOFT1	REB/RCB Test software, REB/RCB Test software		
1	A12-0330	Docu	RCB128RFA1_V6.3.1, RCB128RFA1_V6.3.1 PCBA Documents		dresden elektronik