

connect Blue	Norra Vallgatan 64 3V, 219 22 Malmö		
Document name:	cb-0907-01 Bill Of Materials		
Schematic version:	P2		
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Article Variant number:					cB-0907-010103		cB-0907-010104					
Article Variant name:					cB-OEMSPA310i-08		cB-OEMSPA310i-04					
Reference	Function	Component last update			Part	PCB Footprint	Properties	Comment				
	Mandatory	1	1	1	M-M0 (cB-0907-01)	36.0x16x1.0	PCB					
A1	Int antenna	1	1	1	FR05-S1-N-0-104	FR05-S1-N-0-104	2.441GHz					
C32	Int antenna	3	1	1	8p2F	0402	COG (NPO)					
C33	Mandatory	1	1	1	8p2F	0402	COG (NPO)					
C34	BGB204	1	DNM	DNM	10nF	0402	COG (NPO)					
C36	BGB204	1	DNM	DNM	10nF	0402	COG (NPO)					
C45	BGB204	1	DNM	DNM	10nF	0402	COG (NPO)					
C47	BGB204	1	DNM	DNM	10nF	0402	COG (NPO)					
C50	LPO	1	1	DNM	8p2F	0402	COG (NPO)					
C51	LPO	1	1	DNM	8p2F	0402	COG (NPO)					
C71	Mandatory	1	1	1	2u2F	0603	X5R					

C72	Mandatory	1	1	1	2u2F	0603	X5R	
C75	Mandatory	1	1	1	2u2F	0603	X5R	
C76	BGB204	1	DNM	DNM	10nF	0402	COG (NPO)	
C77	Mandatory	1	1	1	10nF	0402	COG (NPO)	
C78	Mandatory	1	1	1	10nF	0402	COG (NPO)	
C79	Ext antenna	3	DNM	DNM	8p2F	0402	COG (NPO)	
J1	Ext antenna	6	DNM	DNM	U.FL-R-SMT	U.FL-R-SMT		
L6	Optional	3	DNM	DNM	TBD	0402	Film Chip Coil LQP15M (+/-0.1nH)	
L7	Optional	3	DNM	DNM	TBD	0402	Film Chip Coil LQP15M (+/-0.1nH)	
R8	Mandatory	1	1	1	120kΩ	0402	1%, 200ppm	
R36	Optional	2	DNM	DNM	TBD	0402	1%, 200ppm	
R37	Optional	2	DNM	DNM	120kΩ	0402	1%, 200ppm	
R38	BGB204	2	DNM	DNM	8k2Ω	0402	1%, 200ppm	
R39	BGB204	2	DNM	DNM	8k2Ω	0402	1%, 200ppm	
R40	BGB203	2	1	1	0Ω	0402	1%, 200ppm	
R45	No3VReg	3	DNM	DNM	0Ω	0402	1%, 200ppm	
U10	BGB204	1	DNM	DNM	M24C64-RDW6TP	TSSOP8	64kbit	
U3 Variant BGB203	BGB203	1	1	1	BGB203	hl1ga48_p05_7x8mm		
U4	Mandatory	1	1	1	XC6219B182DR	usp-6b_p05_2x1.8mm	Vout=1.8V	
U5	Mandatory	1	1	1	XC6219B292DR	usp-6b_p05_2x1.8mm	Vout=2.9V	
X1	Mandatory	1	1	1	XRFPPLNANF-13.000000MHz	6.0x3.5x1.0	+/-15ppm, +/-15ppm -40/+85C, 16pF	
X2	LPO	1	1	DNM	MS3V-T1R 32.768kHz 12.5p	MS3V-T1R	32.768kHz, +/-30ppm, 12.5p	

[illegible]

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