Product Name: AVRRZ600-212, RZ600 RF212 Subkit

Model: ATAVRRZ600-212

Atmel Part Number: A09-0491

FCC ID: VW4A09491

PCB Assembly BOM

Qty	Component Name	Location	Description	Manufacturing Part Number	Manufacturer
1	A01-0005	C105	Ceramic capacitor, SMD 0402, NP0, 50V, +/-0.25pF, 1.5p		
2	A01-0016	C103, C104	Ceramic capacitor, SMD 0402, NP0, 50V, +/-5%, 12p		
1	A01-0027	R102	Ceramic capacitor, SMD 0402, NP0, 50V, +/-10%, 100p		
1	A01-0050	C111	Ceramic capacitor, SMD 0402, X7R, 25V, +/-10%, 10n		
1	A01-0246	C115, C110	Ceramic capacitor, SMD 0402, X7R, 16V, +/-10%, 100n	C0402C104K4RACTU	Kemet
9	A01-0286	C101, C102, C106, C107, C108, C109, C112, C113, C114	Ceramic capacitor, SMD 0402, X5R, 6.3V, +/-10%, 1u	C0402C105K9PAC	Kemet
1	A01-0375	C116	3pF Accu-P RF Capacitor, 04025J3R0BBS	04025J3R0BBS	AVX
3	A02-0163	R104, R105, R109, C117	Thick film resistor, SMD 0402, 1/16W, 1%, 0R		
1	A02-0204	R106	Thick film resistor, SMD 0402, 1/16W, 1%, 470R		
1	A02-0220	R111	Thick film resistor, SMD 0402, 1/16W, 1%, 2.2k		
1	A02-0236	R113	Thick film resistor, SMD 0402, 1/16W, 1%, 10k		
1	A03-0004	L101	SMD RF inductor 0805. Z=1000Ohm (@100MHz), Max R(dc)=0.45Ohm, Max current=200mA, BLM21AG102SN1D	BLM21AG102SN1D	Murata
1	A03-0049	L102	867-915 MHZ FilterBalun, 2x1,25mm, 867-915 MHZ FilterBalun	0896FB15A0100E	Johanson Technology
1	A06-0279	U101	7/8/900 MHz ZigBee/802.15.4 transceiver, AT86RF212-ZU	AT86RF212-ZU	ATMEL
1	A06-0410	U102	LDO 3.3V 150mA SOT23-5, LP2985 3.3V	LP2985AIM5-3.3	National Semiconductor
1	A06-0509	U103	ATtiny13A - 8 bit AVR Microcontroller with 1K Bytes ISP Flash, ATtiny13A-MMU	ATtiny13A-MMU	ATMEL

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Qty	Component Name	Location	Description	Manufacturing Part Number	Manufacturer
1	A07-0040	XC101	SMT Crystal Resonator, 16.000 MHz,10 ppm,12 pF, 2520(Q) , 16MHz	SCQ18D48-16.000MHZ TR	SUNTSU FREQUENCY CONTROL
1	A08-0463	J101	Samtec SMH 2x5 Pin Socket Right-angle 2,54mm Pitch (Mirrored footprint), SMH-105-02-T-D-TR	SMH-105-02-T-D-TR	SAMTEC
1	A08-0671	PCB101	RZ600 RF board PCB, RZ600 RF board PCB		NCAB
1	A08-0673	J102	SMA PCB mounted connector, LTI-SASF56GT	LTI-SASF56GT	Lighthorse Technologies inc.
1	A09-0847	Z102	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