WIFI-Zero bom 2016-01-12 Mikael Sundin

Part	Value	Device	Package	Note
ANT1	RF_CON	RF_CON	SMD IPX female jack	Not needed if internal Antenna is used
C1	10p	C-EUC0402_TI	C0402	
C2	5.6pF	C0402_TI	R0402	
C3	10p	C-EUC0402_TI	C0402	
C4	100nF	C0402_TI	R0402	
C5	100nF	C0402_TI	R0402	
C6	100nF	C0402_TI	R0402	
C7	100nF	C0402_TI	R0402	
C8	10u	C-USC1206	C1206	
C9	2.2uF	C-EUC0603	C0603	
C10	2.2uF	C-EUC0603	C0603	
C11	0.1u	C-EUC0402_TI	C0402	Needed when PCM5102 is used
C12	0.1u	C-EUC0402_TI	C0402	Needed when PCM5102 is used
C13	0.1u	C-EUC0402_TI	C0402	Needed when PCM5102 is used
C14	0.1u	C-EUC0402_TI	C0402	Needed when PCM5102 is used
C15	10uF	C-EUC0603	C0603	**Composite out, not verified value**
C16	2.2nF	C-EUC0402_TI	C0402	Needed when PCM5102 is used
C17	2.2nF	C-EUC0402_TI	C0402	Needed when PCM5102 is used
C18	10uF	C-EUC1206	C1206	Needed when PCM5102 is used
C19	10uF	C-EUC1206	C1206	Needed when PCM5102 is used
C20	10u	C-USC1206	C1206	
C21	10u	C-USC1206	C1206	
C22	100nF	C0402_TI	C0402	
C23	1n	C-EUC0402_TI	C0402_TI	
L1	No Mount	L0402_TI	L0402	Not mounted
L2	No Mount	L0402_TI	L0402	Not mounted
Q1	26Mhz	SMALL_SMD_CRYSTAL_1	NX3225SA	Reuse from ESP-03 module
Q2	2N7002	MOSFET-NCHANNELSMD	SOT23-3	I2C level shifter

Q3	2N7002	MOSFET-NCHANNELSMD	SOT23-3	I2C level shifter
Q4	2N7002	MOSFET-NCHANNELSMD	SOT23-3	I2C level shifter
Q5	2N7002	MOSFET-NCHANNELSMD	SOT23-3	I2C level shifter
R1	TBD	R0402	R0402	SDIO serie resistor 100-200ohm
R2	TBD	R0402	R0402	SDIO serie resistor 100-200ohm
R3	TBD	R0402	R0402	SDIO serie resistor 100-200ohm
R4	TBD	R0402	R0402	SDIO serie resistor 100-200ohm
R5	TBD	R0402	R0402	SDIO serie resistor 100-200ohm
R6	TBD	R0402	R0402	SDIO serie resistor 100-200ohm
R7	12k	R-US_R0402	R0402	
R8	12k	R-US_R0402	R0402	
R9	2k	R-US_R0402	R0402	
R10	12k	R-US_R0402	R0402	
R11	470R	R-US_R0402	R0402	
R12	470R	R-US_R0402	R0402	
R13	47k	R-US_R0402	R0402	Needed when PCM5102 is used
R14	47k	R-US_R0402	R0402	Needed when PCM5102 is used
R15	47k	R-US_R0402	R0402	Needed when PCM5102 is used
R16	470R	R-US_R0402	R0402	
R17	470R	R-US_R0402	R0402	
R18	470R	R-US_R0402	R0402	
R19	470R	R-US_R0402	R0402	
R20	470R	R-US_R0402	R0402	
R21	470R	R-US_R0402	R0402	
R22	470R	R-US_R0402	R0402	
R23	470R	R-US_R0402	R0402	
U$2	2.4Ghz antenna 10mm long	RAINSUM_CHIP_ANTENNA	RAINSUM_CHIP_ANTENNA	Reuse from ESP-03 module
U$3	SJ-43514-SMT-TR	SJ-43514-SMT-TR	SJ-43516-SMT-TR	Audio jack
U1	ESP8266EX	ESP8266EX	QFN32_PAD	Reuse from ESP-03 module
U2	MIC5219-3.3YM5-TR	MIC5219-3.3YM5-TR	SOT-23-5	Can probably be skipped by using Rpi internal 3.3v (solder jumper SJ1)
U3	PCM5102AQPWRQ1	PCM5102AQPWRQ1	TSSOP-20	