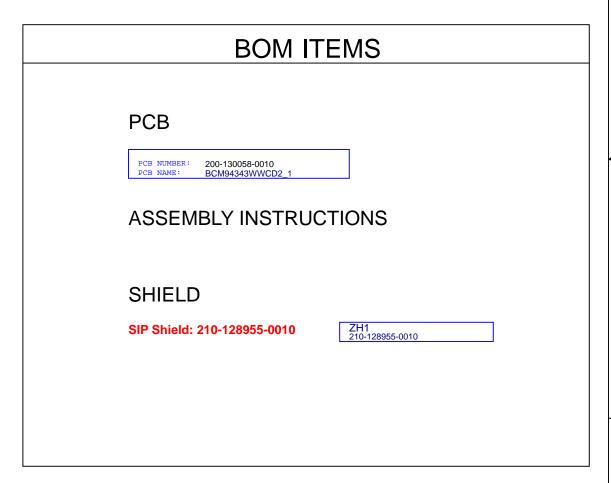
## BCM94343WWCD2\_1: BCM4343W WLBGA + STM32F412

## Preliminary schematic, subject to changes

Page 1 - Revision and Notes

Page 2 - BCM4343W WLBGA Section

Page 3 - STM32F412 Section





## WLAN: BCM4343W WLBGA

ANT2

ANT1

VDD\_3V3\_SIP >>-

ANT-BCM943235UE-MIR

C1

3 L1 4.7nH (DNI)

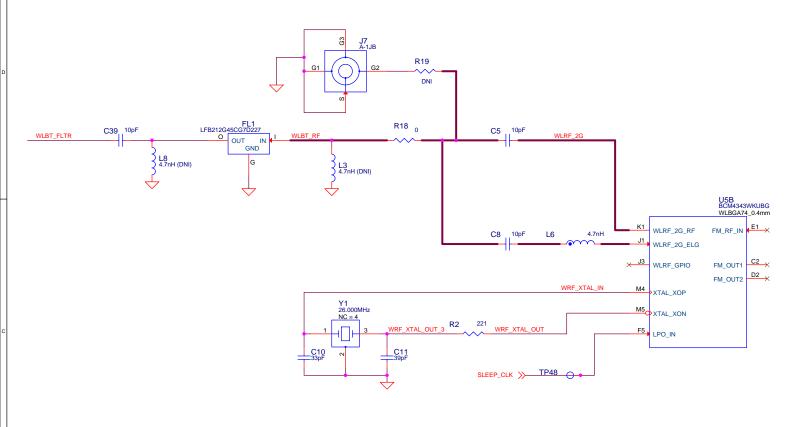
L2

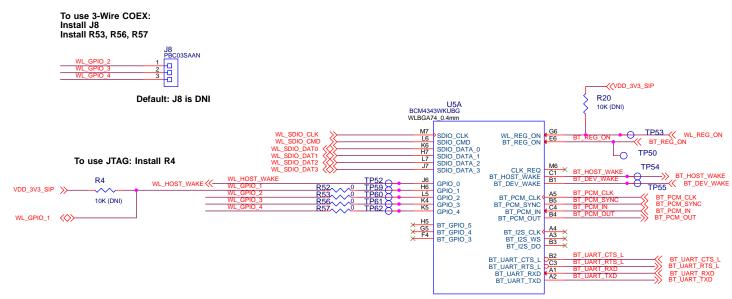
1.8pF

MM8430-2610B

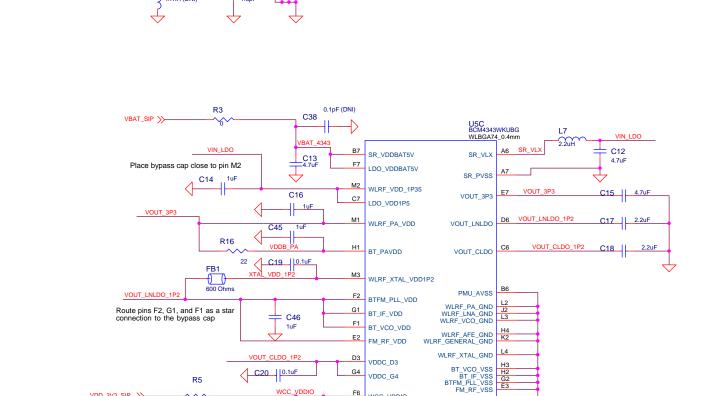
C21

1.8nH





**SDIO INTERFACE** 



C5 SYS\_VDDIO \_\_\_\_\_D5\_\_\_WPT\_1P8

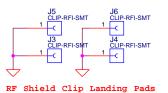
\_\_\_E5\_\_\_WPT\_3P3

C41

C40

0.2pF (DNI)

 $\leftarrow$ 



**Broadcom Corporation BROADCOM** BCM94343WWCD2\_1 824-130058-0010 02 Custom Friday, December 11, 2015 2 of 3 Deval Dave

Stuffing option for Skyworks vs. JRC (Footprint Compatible)

C2 1000pF

C34 4.7pF

C42 0.2pF (DNI)

Install R54: Position AC (Default) for SKYA21038-679LF Position BC for NJG1801K75

Install C2: 0.001uF for SKYA21038 10pF for NJG1801K75

U1 SKYA21038-679LF SON6H\_0.35mm

VCTL (

OUT2

2 GND

