## NOTES: 1: Unless notes, all capacitor, resistors and inductors are 0402 CONTACT N/O DOOR CONTACT PADS C411 220nF 100nF 68pF 100nF 100nF 68pF 100nF $+V\underline{BA}TT$ GND GND ₫ND **♦** GND **♦** GND CC2430F32 AVDD\_SOC AVDD\_DREG DVDD AVDD\_DGUARD DVDD\_ADC AVDD\_ADC AVDD\_IF2 AVDD\_RF2 DVDD DCOUPL 48 P2\_0 P2\_1 P2\_2 C421 220nF GND AVDD\_SW AVDD\_SW AVDD\_RF1 AVDD\_PRE AVDD\_VCO VCO\_GUARD AVDD\_CHP AVDD\_IF1 P1\_4 P1\_5 P1\_6 P1\_7 TXRX\_SWITCH RF\_N ANTENNA 2450AT43B100 )L321 )4.7nH 5% P2\_4/XOSC\_Q2 P2\_3/XOSC\_Q1 C341 NC RADIO\_ID0 \*Note TP4 0 13 \*SDA TP5 0 15 SCL 16 P0.5 P0.2 P0.2 P0.3 P0.2 P0.3 P0.3 P0.3 P0.3 P0.3 P0.5 XOSC\_Q1 XOSC\_Q2 TP10 TP11 TP12 RBIAS1 NC RADIO\_ID0 RADIO\_ID1 RBIAS2 X2 RESET\_N GND RREG\_OUT AVDD\_RREG X1 32.768KHz +VBATT R221 56K $+V\underline{BA}TT$ R261 43K GND ØND -C441 C191 22pF C211 22pF 15pF R101 ₹43K C241 +VBATT-220nF 220nF 0603 2AAA +VBATT +1.8V NU >R5 10K 1% +VBATT 1 SCL GND ALERT SDA V+ D2 1N4148WX ADD0 C473 NU R6 10K 0805 TMP102 0.01uF GND. dND dND CONFIDENTIAL NOTE: S541.RF(T) PCBA Title: TP1-2,4-15 are thru-hole Assembly Number: 02-9913 REV **B**1 Date of Revision: Jun 09,2009 OrcadE Document Number: 9913B.SCH $C1,71,191,207,211,231,241,251,271,281,341,351,381,411,421,431,441,471-473 \\ D1-2 \\ H1 \\ J1 \\ L321,331,342 \\ R1-6,101,221,241,261 \\ S1 \\ U1-2 \\ X1-2 \\ ANT$

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