S1G-Mod 868MHZ Sub 1GHZ RF RX/TX Module +3.3٧ ∧ C14 0.10uF FB1 X1 ABS07-32.768KHZ-9-T BLM15HG601SN1D +3.3V √ 18pF С8 C10 +3.3V GNDC17 ____ 0.10uF 0.10uF C11 ↑ 0.10uF \uparrow GPI04 GND GND VREF +3.3٧ GND C12 0.22uF **R3** 10k C2 L2 T1 1 2 36K 0.22uF C13 VDDBAT2 CS 56pF 0868BM15C0001E 12nH 12nH SPI_MOSI 1909763-1 CREGRF1 MOSI SPI_SCLK $\dot{\leftarrow}$ 0 UNBAL GND RBIAS SCLK SPI_MISO MCU_IRQ 5 GND GND GND CREGRF2 MISO 3 BAL1 BAL2 RFIO_1P IRQ_GPI03 GPI02 2.2pF RFIO_1N GPI02 \uparrow 6 RF02 GPI01 CREVGVCO CRECGIMENT CRECGIME GPI01 GND GPI00 \Diamond GND GND) L7) 47nH С9 L5 L1 L6 L3 24nH 47pF \rightarrow ADF7023BCPZ 12nH 12nH 1.8nH 1909763-1 GND O R4 R4 RC1608J202CS 2k . C3 _ C5 C19 C15 0.22uF 2.2pF ____1pF 2.2pF 0.22uF GND \uparrow LED1 GND GND GND GND GND GND LTST-C193TBKT-5A GND _ C21 C16 ⁻ 18pF 18pF +3.3V AP2112K-3.3TRG1 CONN_02X06 VIN VOUT 2 GND SPI_MOSI _ C1 _3_<u>_EN_</u> __ C6 GPI04 NC 6 GPI0 8 GPI0 10 VIN SPI_SCLK GPI02 ⁻ 10uF 0.10uF SPI_SCLK 5 SPI_MISO 7 GPI01 MCU_IRQ 9 ON_OFF R1 10k GND GND Sheet: / File: S1G_Mod_868.sch Title: Size: A4 Date: Rev: KiCad E.D.A. kicad (2016-10-20 revision 74b5858)-makepkg ld: 1/1