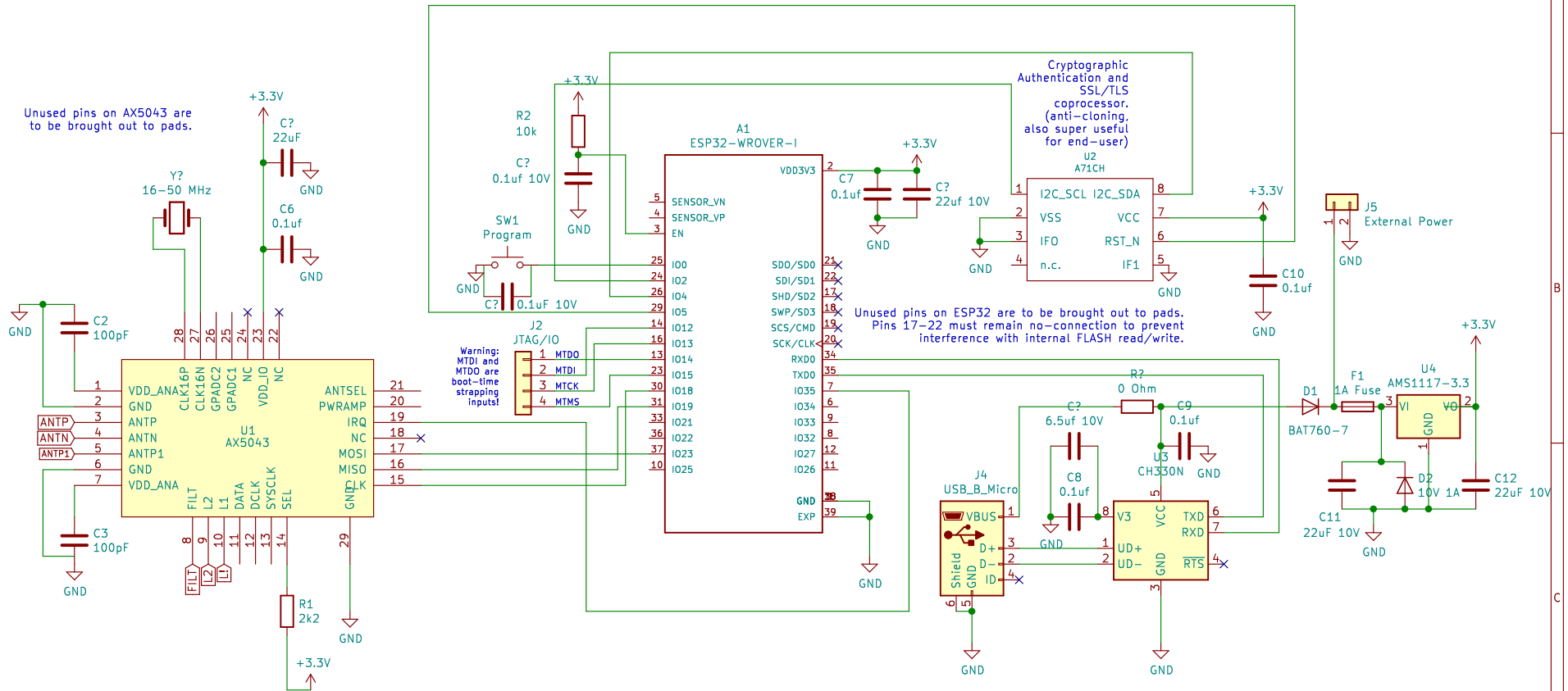
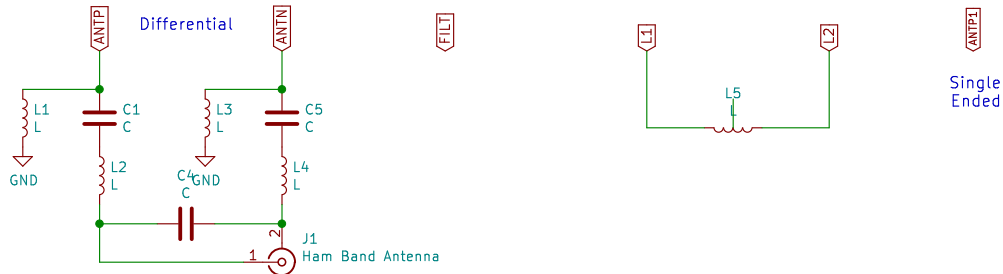


Boot-Time Strapping Inputs:
 IO0 will command entry to programming mode if low at boot time, it is normally pulled high.
 IO2 must be low for programming mode to work when the program button is pushed. It is normally pulled low.
 IO5 controls pulse sampling of the SDIO slave.
 IO12 (MTDI) must be high for the FLASH voltage to be properly set to 1.8V, it is normally pulled high. Booting with IO12 pulled low might fry the ESP32 module.
 IO15 (MTDO) must be high for boot logging to be emitted, it is normally pulled high.
 IO15 (MTDO) controls pulse sampling of the SDIO slave.
 These pins can all be used for other purposes after booting, if their state will be as required at boot-time.

The radio IRQ is connected to a GPIO that is shared with the real-time-processor in the ESP-32, to give greatest wakeup versatility, mostly because I haven't yet gone over ESP32 sleep and wakeup in detail.



RF Components – Band-Dependent Values
 See the AX5043 Data Sheet



Connector shield is not ground. 40 mw output.

by Bruce Perens K6BP

Alorgram

Sheet: /

File: HT1.sch

Title: AX5043 Smartphone-Controlled Radio

Size: A

Date:

Rev: 0.1

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