



1. Overview

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1 Overview

Work in progress

Wire whip length (we ship with 1/4 868Mhz on the XRF)

433 1/4 wave = 164.7mm

433 1/2 wave = 329.4mm

433 full wave = 692.7mm

868 1/4 wave = 82.2mm

868 1/2 wave = 164.3mm

868 full wave = 345.5mm

915 1/4 wave = 77.9mm

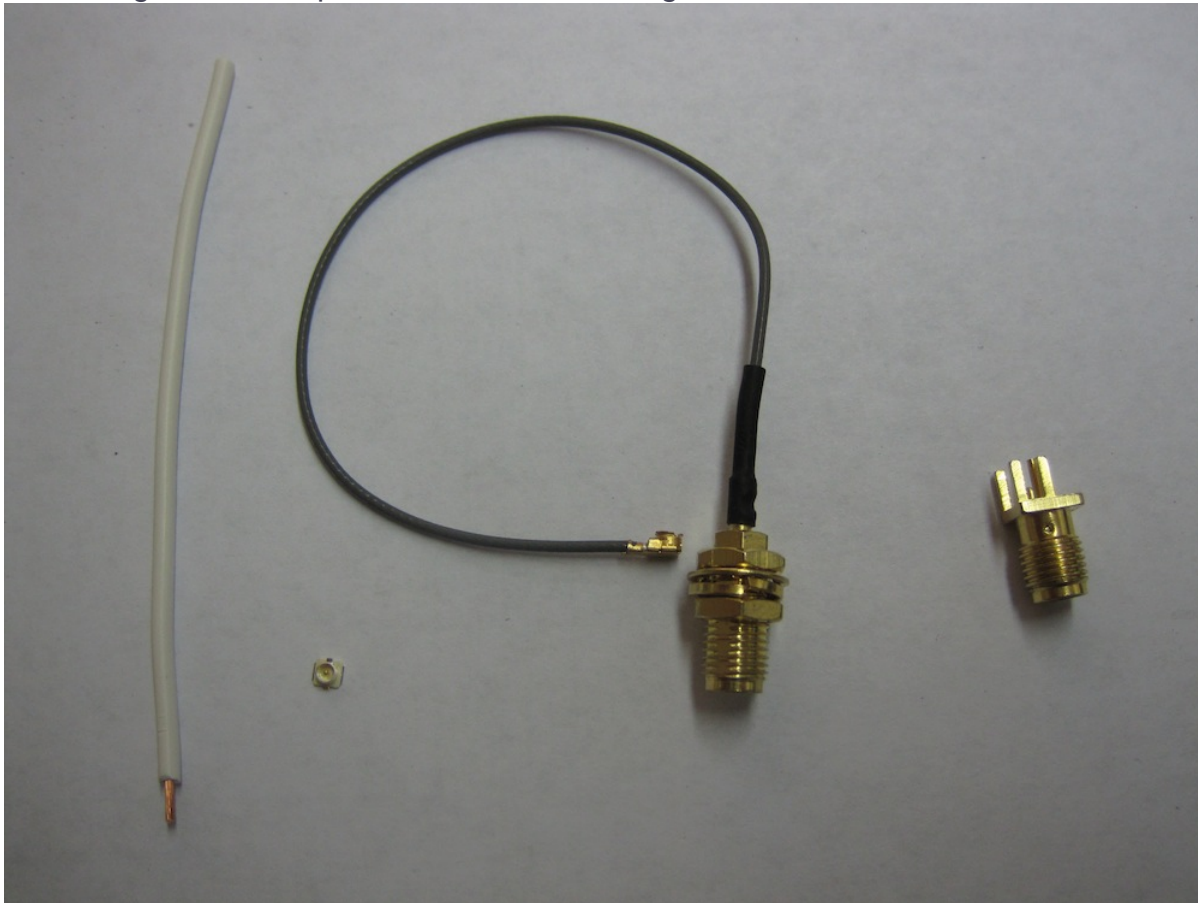
915 1/2 wave = 155.9mm

915 full wave = 327.8mm

2 Possible Antenna's

Possible Antenna selection

Left to Right, Wire whip, U.FL, U.FL to SMA Pigtail, End launch SMA



U.FL Connector Bottom: note the gold middle connection



U.FL Connector Top

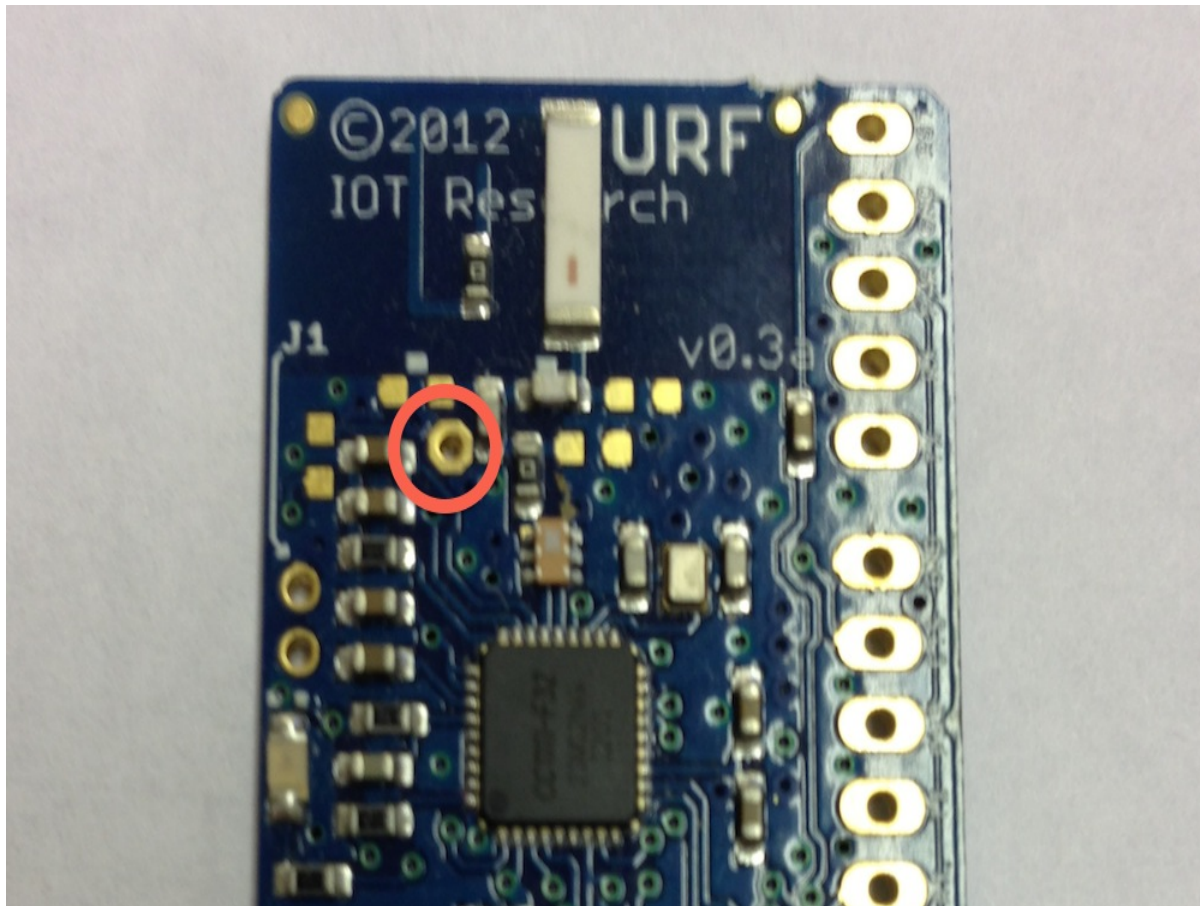


3 Ciseco Products

R001 - XRF: End launch SMA, Note the top left leg has been cut short



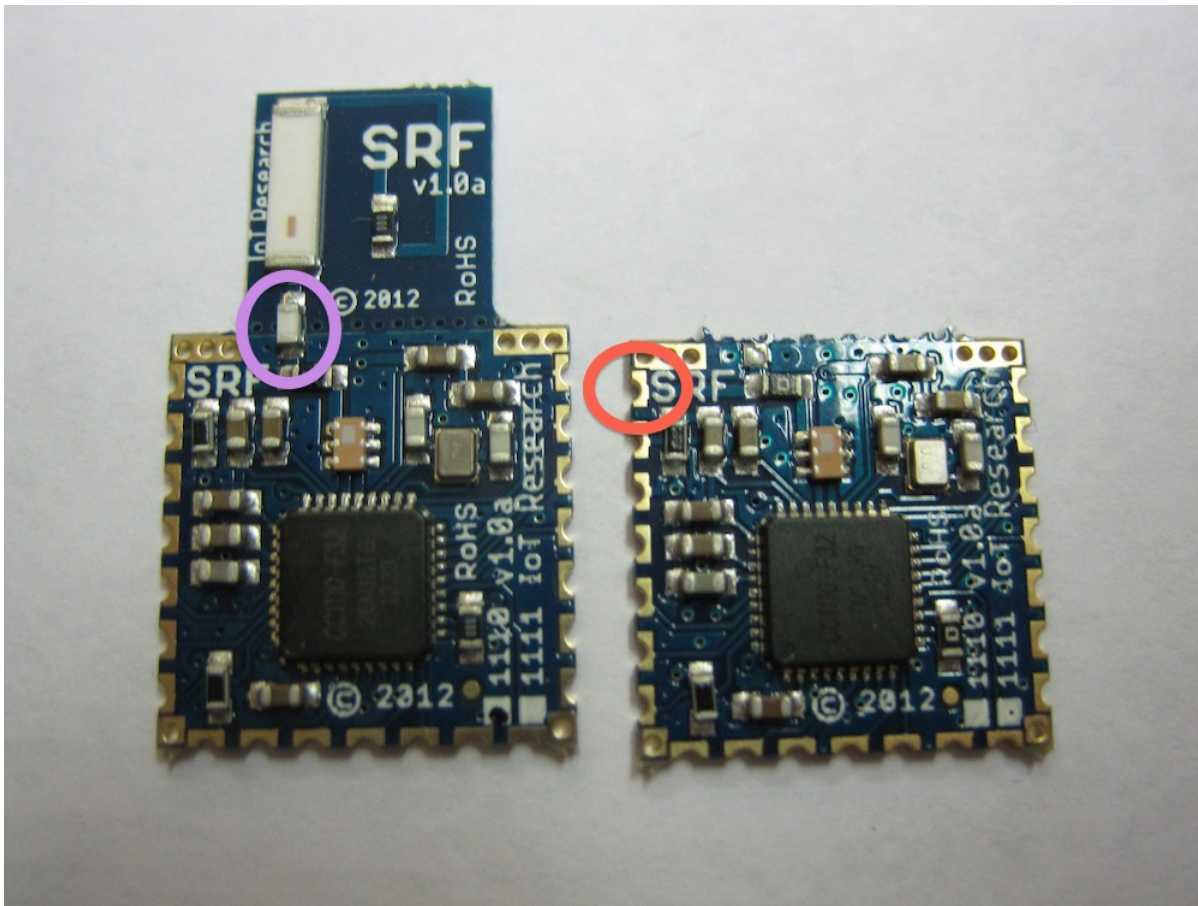
R002 - URF: Wire whip



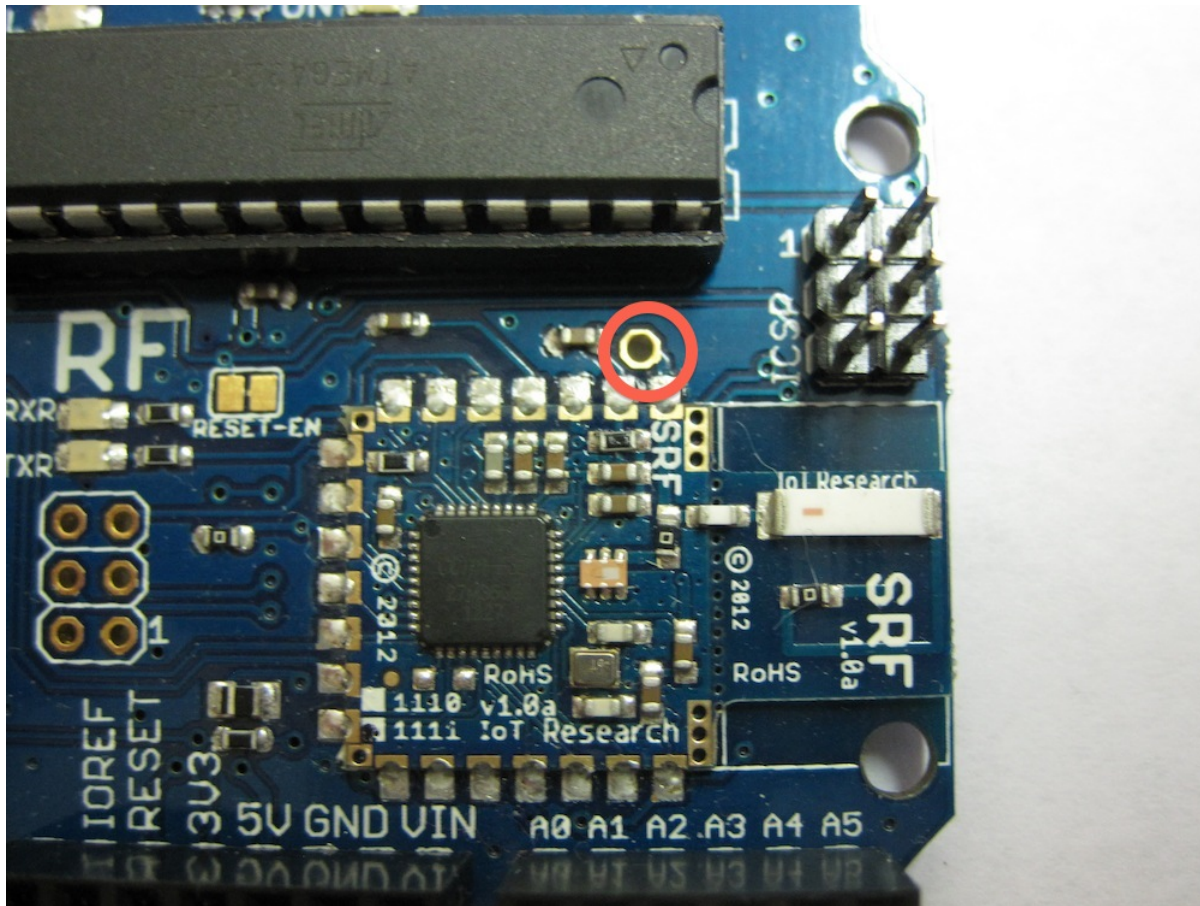
R003 - ERF: Wire whip



R004 - SRF & R005 - SRF-U: Removing the Chip ant(for best results remove the inductor first then snap off), External Antenna connetion(pin 8)



B088 - XinoRF: Wire whip hole



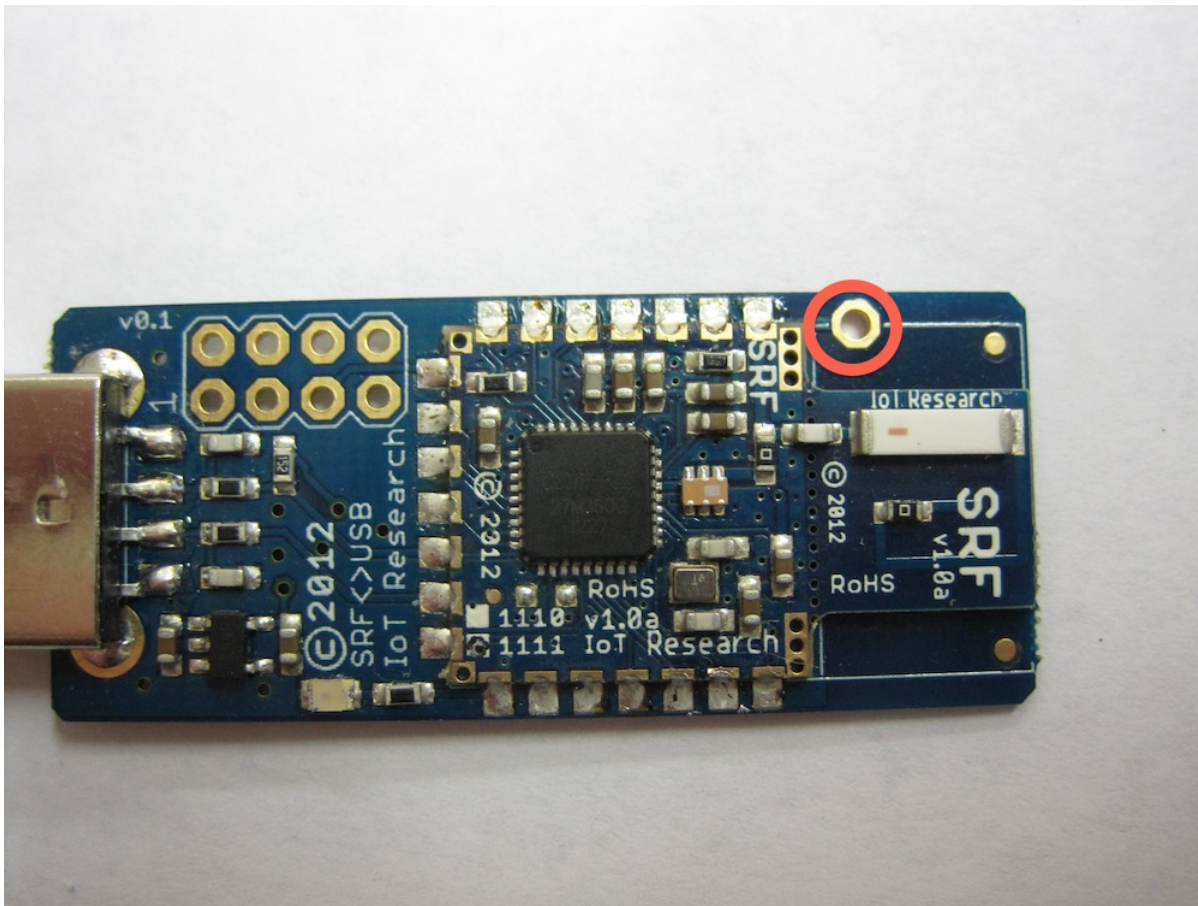
B009 - Explorer Plus: U.FL



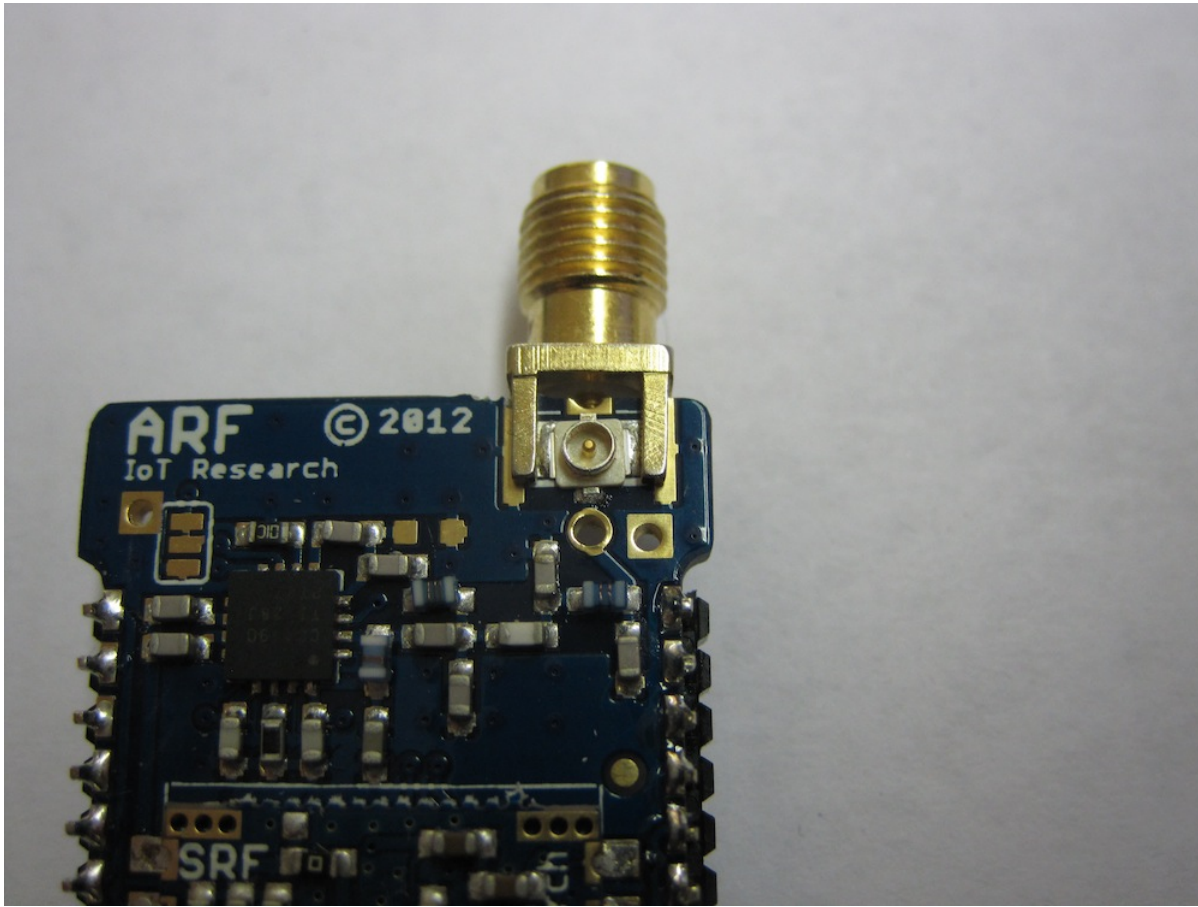
B009 - Explorer Plus: Wire whip



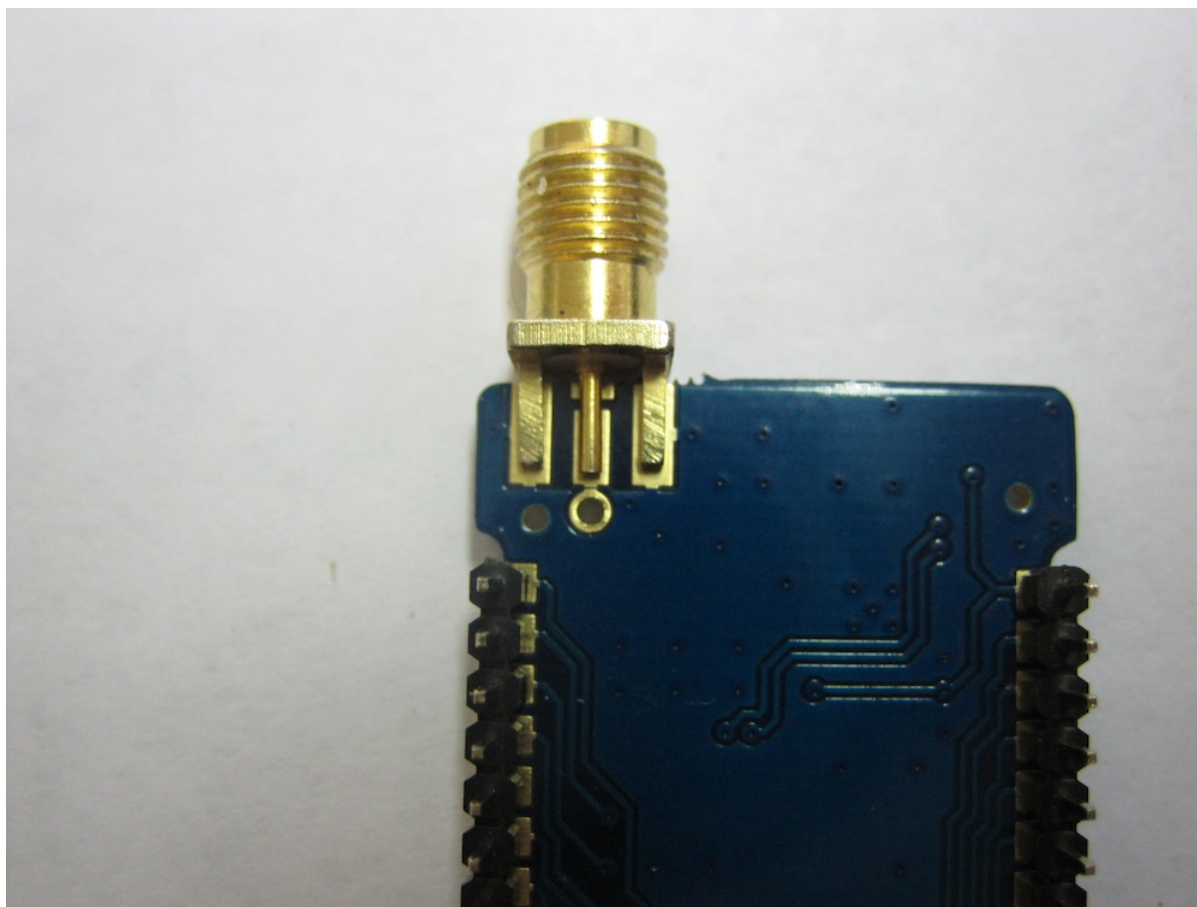
R010 - SRF-Stick: Wire whip



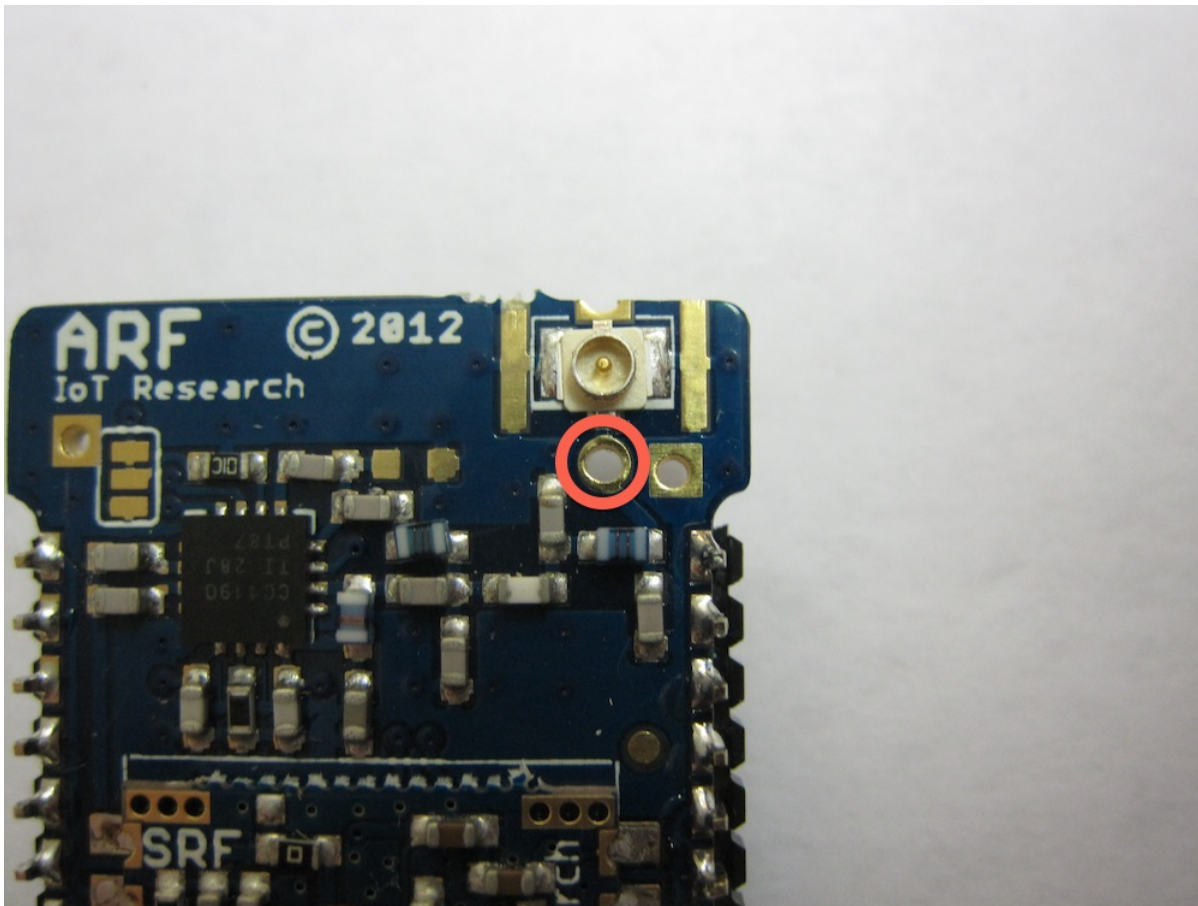
R011 - ARF: End Launch SMA top



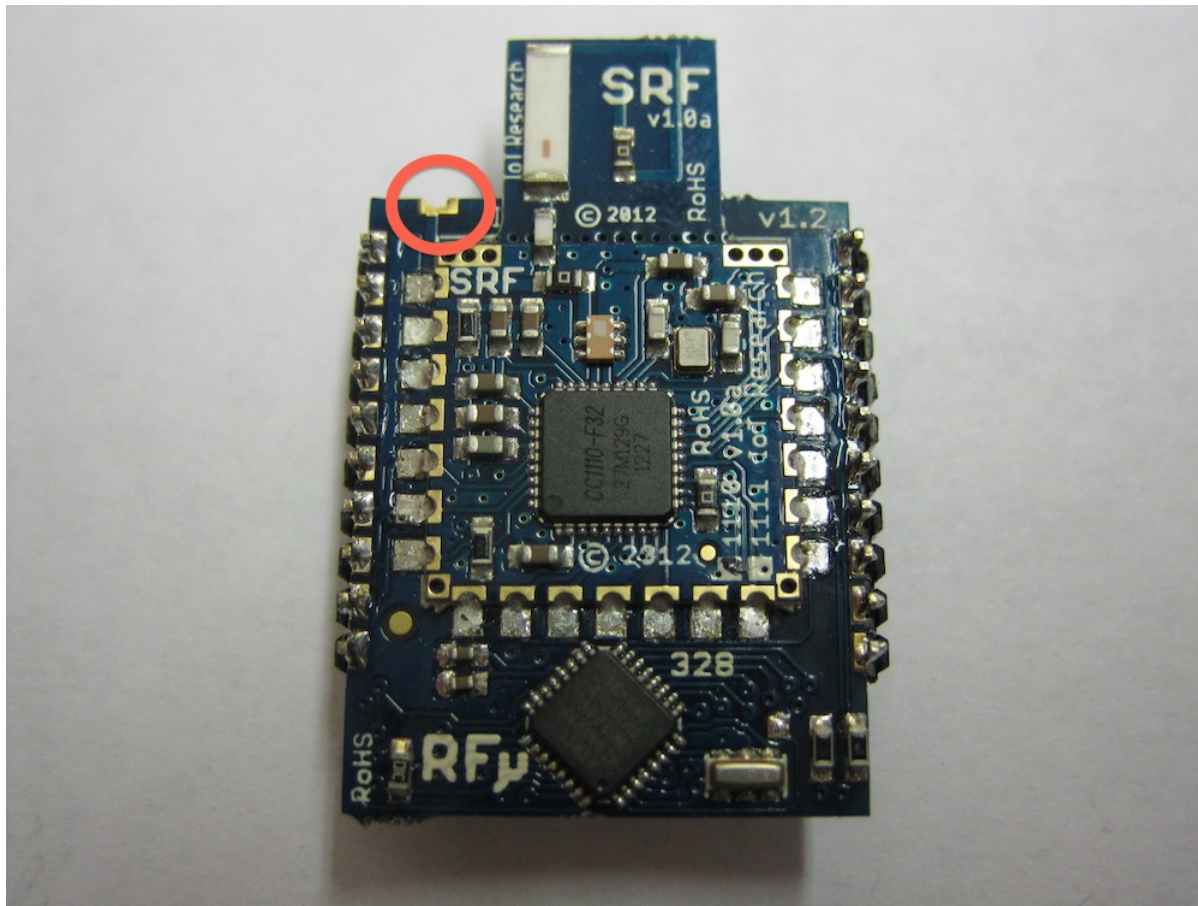
R011 - ARF: End Launch SMA bottom



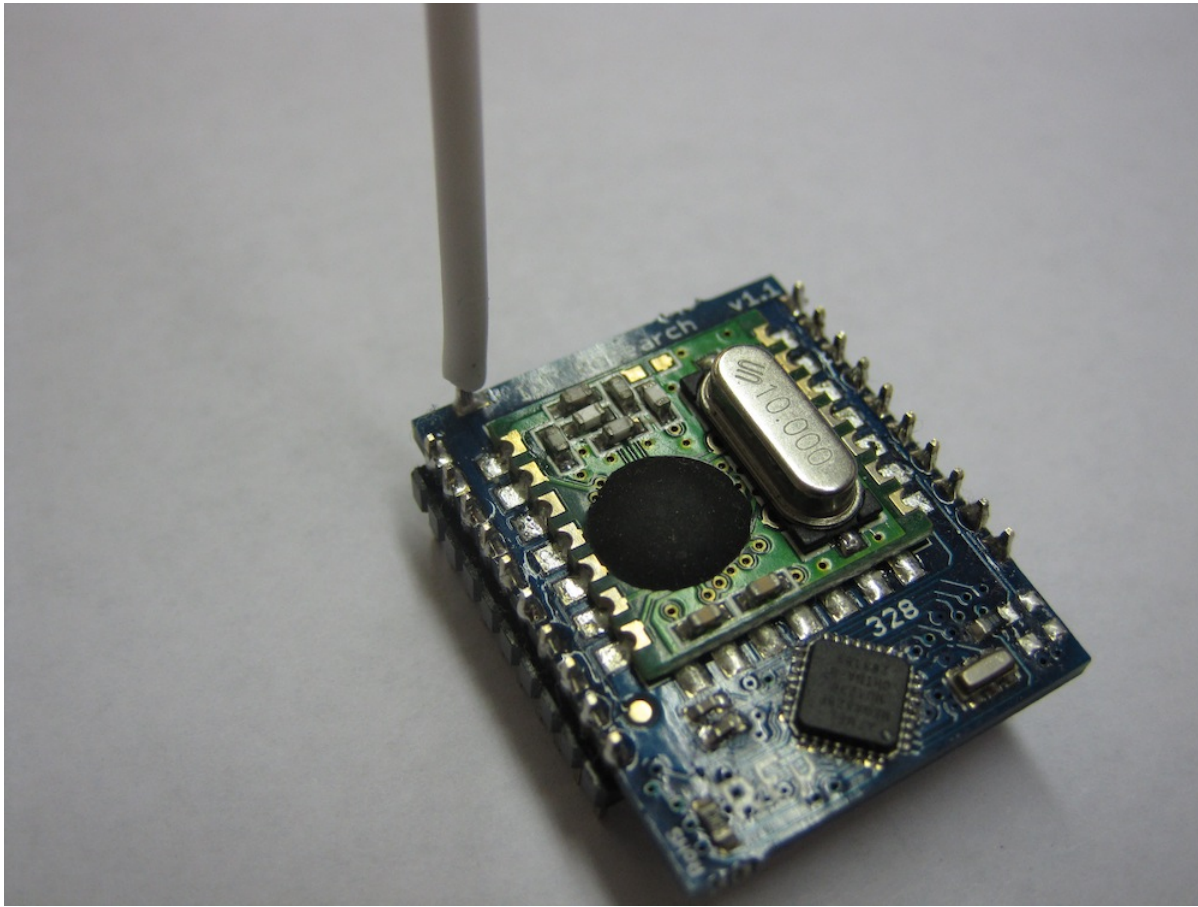
R011 - ARF: Wire whip



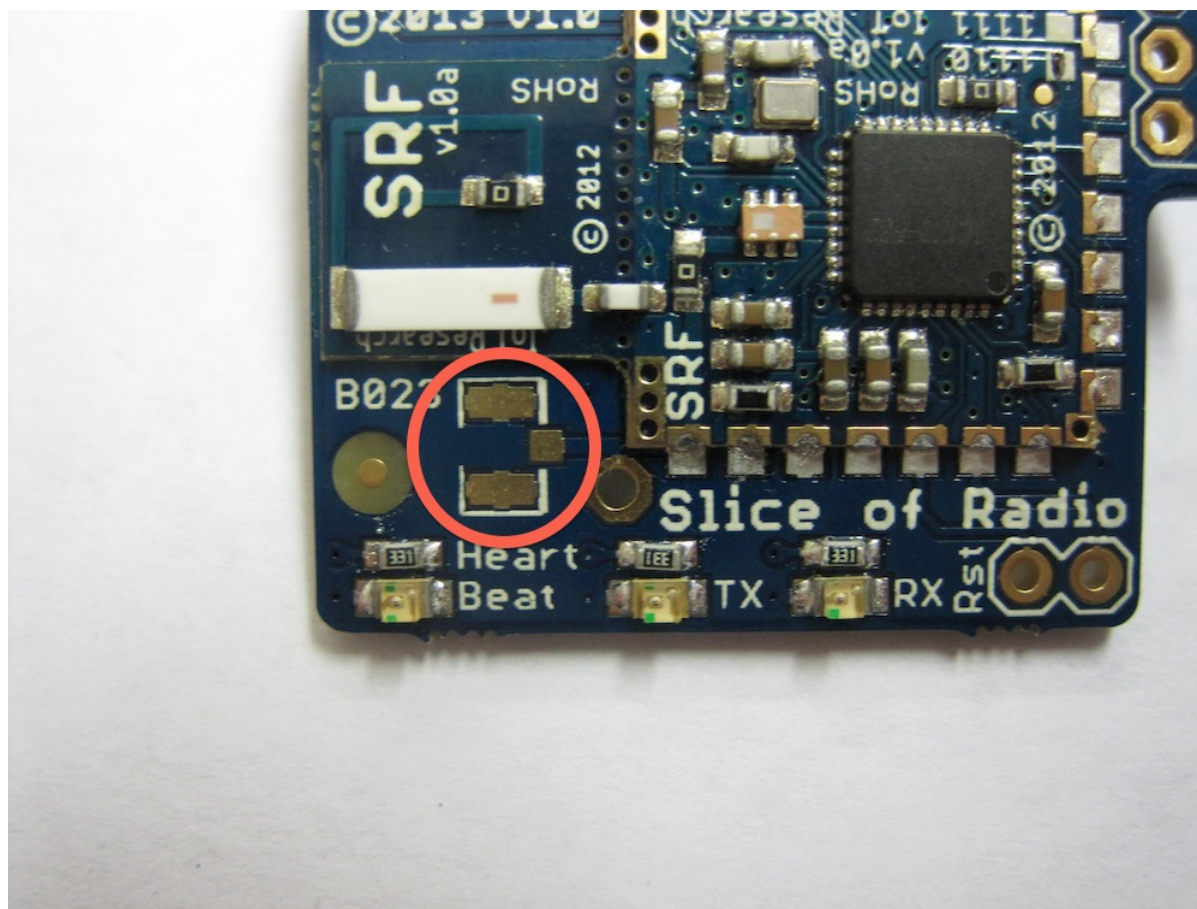
R012 - RFμ-328: Wire whip



R013 - RF μ -328-Bare: with RFM12B and wire whip



B023 - Slice of Radio: U.FL



B023 - Slice of Radio: Wire whip

