

The quadrifilar antenna is built with three different PCBs.

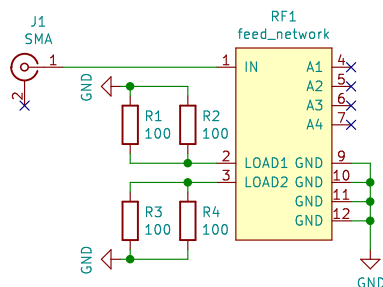
A top layer PCB with 4 arms that make up the radiation element.

A bottom PCB that comprises the feeding network for the 4 antenna elements.

A supporting board to construct the balun system in the input.

This is the project of piece B – Bottom PCB with feeding network elements.

For more information you can check the description on the 'documentation' folder, or on the blog post at my webpage (<https://thatantennaguy.blogspot.com/2020/09/uhf-rfid-antennas-vii-quadrifilar.html>)



Copyright (C) 2021 Ricardo Goncalves <ricmr.goncalves@gmail.com>

This source describes Open Hardware and is licensed under the CERN-OHL-S v2. You may redistribute and modify this source and make products using it under the terms of the CERN-OHL-S v2 (<https://ohwr.org/cernohlsv2.txt>).

This source is distributed WITHOUT ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING OF MERCHANTABILITY, SATISFACTORY QUALITY AND FITNESS FOR A PARTICULAR PURPOSE.

Please see the CERN-OHL-S v2 for applicable conditions.



The antenna guy

Sheet: /

File: Quadrifilar_antenna_B.sch

Title: Quadrifilar antenna for UHF RFID – Part B

Size: A4

Date:

Rev: 1.0

KiCad E.D.A. kicad (5.1.9)–1

Id: 1/1