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Pull requests0

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Arduino firmware for a Magnetic Loop Antenna tuner control box <http://www.microfarad.de/magnetic-loop>

30 commits

2 branches

3 releases

1 contributor

GPL-3.0

Branch: master ▾

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microfarad-de Increment version number

Latest commit 4eb033a on 24 Jun

doc	Updated the user manual	9 months ago
.gitignore	Added license information to the commented headers	10 months ago
Adc.cpp	Update and rename adc.cpp to Adc.cpp	4 months ago
Adc.h	Update and rename adc.h to Adc.h	4 months ago
Helper.cpp	Update and rename helper.cpp to Helper.cpp	4 months ago
Helper.h	Rename helper.h to Helper.h	4 months ago
LICENSE	Rename file	11 months ago
README.md	Update README.md	5 months ago
antenna-tuner.ino	Increment version number	4 months ago

README.md

# Magnetic Loop Antenna Tuner

The current repository contains the Arduino firmware for the Magnetic Loop Antenna tuner control box that is being described on the follwoing page: <http://www.microfarad.de/magnetic-loop>.

The code has been implemented and tested on an Arduino Pro Mini clone board based on the ATmega328P microcontroller.

Unless stated otherwise within the source file headers, please feel free to use and distribute this code under the GNU General Public License v3.0.

## Prerequisites

- ATmega328P based Arduino Pro Mini, Arduino Nano or similar model
- Custom bootloader from: <https://github.com/microfarad-de/bootloader>

## Circuit Diagram

The circuit diagram for this device can be found under the `/doc` folder or can be downloaded using the follwoing link: <https://github.com/microfarad-de/antenna-tuner/raw/master/doc/antenna-tuner-schematic.png>