

# Power Filter Board for Raspberry Pi 3B+/ 4B

DFR0940

## Product Overview

11/07/2022

For the most up-to-date information, visit [www.mouser.com](http://www.mouser.com) or the supplier's website.

## Description

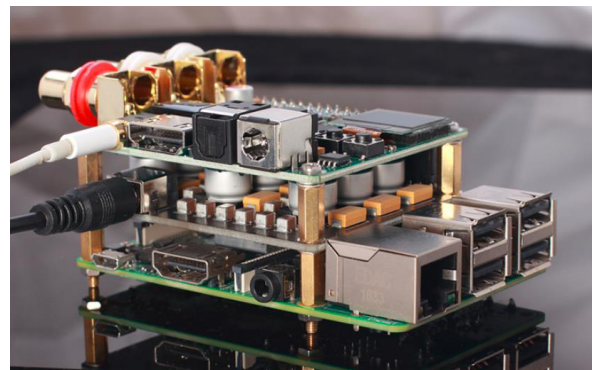
DFRobot Power Filter Board for Raspberry Pi 3B+/ 4B integrates multiple solid capacitors, ceramic capacitors, and tantalum capacitors to perform parallel hybrid filtering. This power filter board can filter low mid-high frequency power noise in the power supply. The filter board provides the system with a stable power supply and pure sound quality. This power filter board can protect the Raspberry Pi main controller to extend the service life.



The filter board can be directly plugged into the module to the Raspberry Pi GPIO port for use. When used with an audio decoder board, the filter board turns Raspberry Pi into a high-quality stereo. Typical applications of power filter board for Raspberry Pi 3B+/ 4B include Raspberry Pi audio output.

## Features

- Filter low-mid-high frequency power noise
- Provides a stabler power supply
- Effectively protect Raspberry Pi board



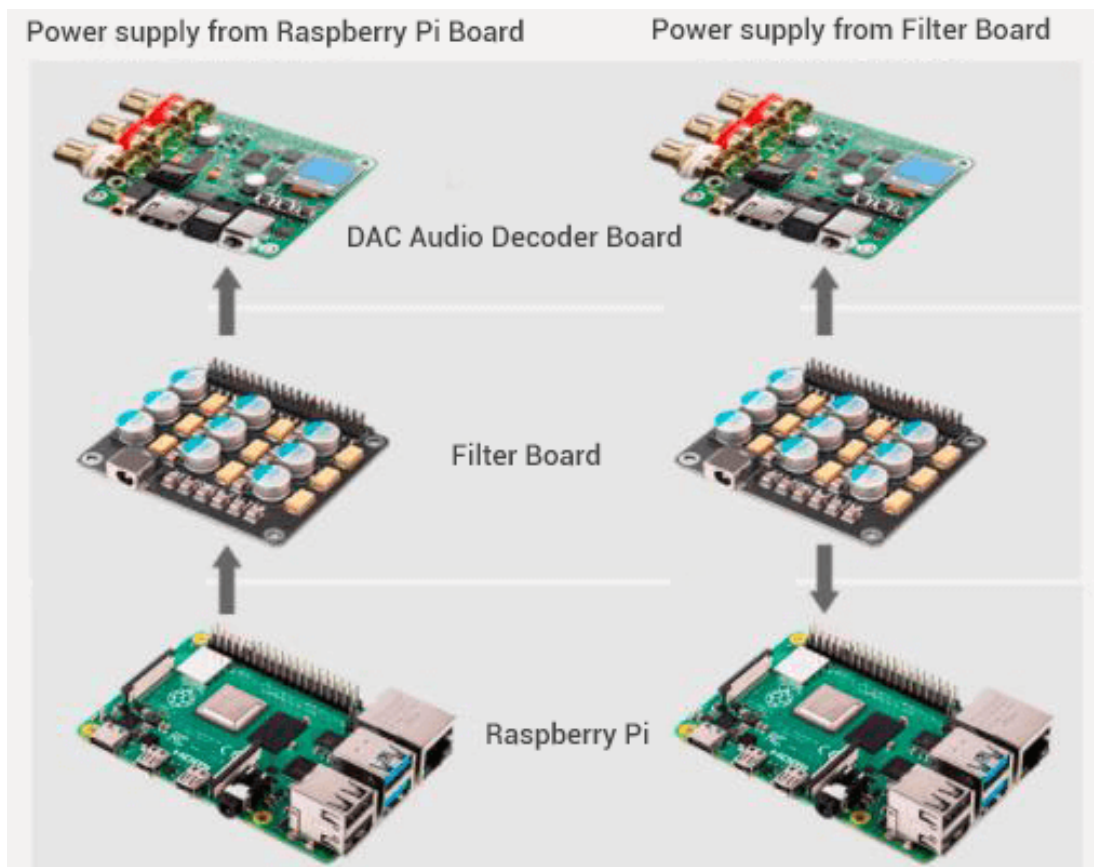
## Specifications

- Raspberry Pi 3B+/4B compatible model
- 5526 $\mu$ F onboard capacity
- Parallel capacitor connection
- 5V/3A power input
- Black color
- 56mm x 65mm (2.20inch x 2.56inch) dimension

## Kit Contents

- 1x Raspberry Pi power filter board
- 4x copper pillar, screw, and a nut integrated multiple solid capacitors, ceramic capacitors, and tantalum capacitors to perform parallel hybrid filtering

## Multiple Uses of Power Filter Board



## Mouser Part Number

[View Part](#)

To learn more, visit <https://www.mouser.com/new/dfrobot/dfrobot-power-filter-board/>