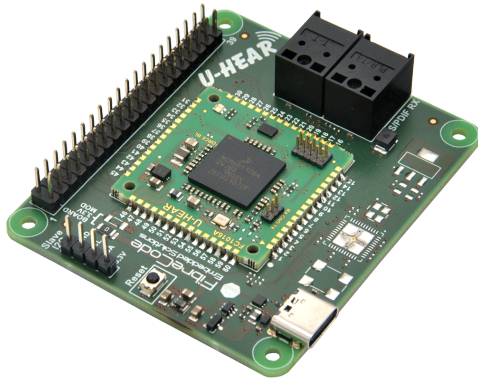




- ▶ USB Audio Kit for FC301 USB-HEAR Module
- ▶ ASIO Windows Driver to play DSD and DSD over PCM
- ▶ Raspberry Pi compatible connector
- ▶ Audio-Reference Kit using Raspberry Pi/Arduino compatible Audio Hats
- ▶ USB Type-C powered device

Overview

The FC920 USB-HEAR DevKit comes as a Raspberry Pi format compatible Kit for direct usage of FC301 USB-HEAR Module. Mounting holes and pin-connector is identical to Raspberry Pi 3A+ Format to use existing Audio-Hats like Hifi-Berry Modules as easy as possible.

The DevKit includes pre-soldered FC301 USB-HEAR Module and all needed cables for power-up and SPDIF extension. To start using the FC301 USB-HEAR Module, the FC920 USB-HEAR DevKit can be used as reference, evaluation and validation environment.

All details on supported audio formats and use cases can be found in the FC301 USB-HEAR Module Flyer.

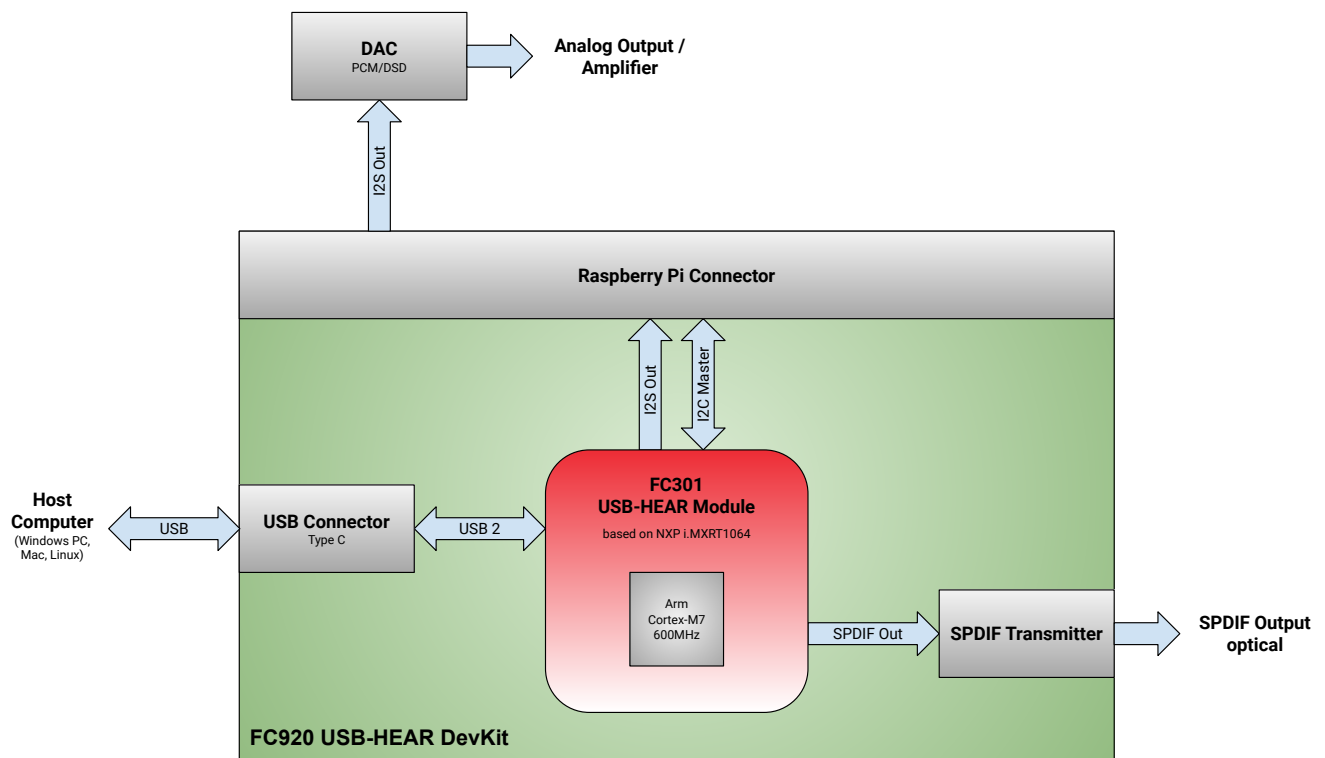
Key Features

- ▶ Direct usage of standard Raspberry Pi Add-on boards (Audio Hats)
- ▶ SPDIF optical Out
- ▶ Multimedia key events based on USB HID Consumer Control (For example: Volume Up, Volume Down, ...)
- ▶ Firmware update via USB supported on Windows, macOS, and Linux (DFU-Tool chain)
- ▶ USB Type-C Connector
Connection for USB-Audio device
- ▶ I2C Slave
Optional control interface
- ▶ I2S-Input
Optional input to DAC-Output (e.g. Bluetooth, Radio, ...)

Supported Audio HATs

- ▶ HIFIBERRY DAC+ STANDARD
- ▶ HIFIBERRY DAC2 PRO

Typical Application



Technical Data

Dimensions:	65 x 56 x 12 mm
Power Supply:	5 V (USB powered)
Temperature range:	0°C to +85°C

Ordering Information

Order Number:	FC920
Product Name:	USB-HEAR DevKit
Deliverables:	USB-HEAR DevKit incl. USB-HEAR Module and cables

