CIRRUS LOGIC AUDIO CARD REGULATORY COMPLIANCE AND SAFETY INFORMATION

Product Name: Cirrus Logic Audio Card

Designed for Raspberry Pi with 40-pin GPIO, the Cirrus Logic Audio Card delivers high quality audio, and allows the capture of audio from a variety of sources, both digital and analogue. From Cirrus Logic and element14.

- Based on Cirrus Logic's WM5102 audio hub, WM8804 S/PDIF transceiver, and a pair of WM7220 digital microphone ICs.
- Plugs directly onto the top of Raspberry Pi with 40-pin GPIO.
- Capture audio using S/PDIF input, stereo line input, stereo microphone input, headset microphone input, or onboard stereo digital microphones.
- Render audio and deliver to S/PDIF output, stereo line output or stereo headphone out.
- Onboard 1.4W per channel class D power amplifier onboard for connection to external speakers (header unpopulated)

For inspiration on what to build, or to upload videos of your latest projects visit element14.com: **www.element14.com/cirruslogic_ac**

IMPORTANT: PLEASE RETAIN THIS INFORMATION FOR FUTURE REFERENCE

WARNINGS
- If speaker operation is required, please fit two headers as indicated in the user manual.
- Any external power supply used with the Raspberry Pi shall comply with relevant regulations and standards applicable in the region of intended use.
- To avoid the risk of fire through short-circuit, this product should remain connected to the Raspberry Pi when in use, and should not come into contact with conductive items other than the intended connections.
- Do not connect or disconnect Cirrus Logic Audio Card from the Raspberry Pi or accessories while connected to a power supply.
- Cirrus Logic Audio Card is shock and moisture sensitive, handle with care and do not expose to moisture.
- All peripherals used with the Cirrus Logic Audio Card should comply with relevant standards for the region of use and be marked accordingly to ensure that safety and performance requirements are met. These articles include but are not limited to keyboards, monitors, and mice used in conjunction with the Raspberry Pi or Cirrus Logic Audio Card
- Children should be supervised when using Cirrus Logic Audio Card
- Take care when handling to avoid mechanical or electrical damage to the printed circuit board.

COMPLIANCE INFORMATION
The Cirrus Logic Audio Card complies with the relevant provisions of the RoHS Directive f or the European Union.

WEEE Directive Statement for the European Union
- In common with all Electronic and Electrical products the Cirrus Logic Audio Card should not be disposed of in household waste within the European Union. Alternative arrangements may apply in other jurisdictions.

EMC COMPLIANCE STATEMENTS

EUROPEAN UNION (EU) ELECTROMAGNETIC COMPATIBILITY DIRECTIVE COMPLIANCE STATEMENT
- This product is in conformity with the protection requirements of EU Council Directive 2004/108/EC on the approximation of the laws of the Member States relating to electromagnetic compatibility.
- This product has been tested and found to comply with the limits for Class B Information Technology Equipment according to the European Standards EN 55022 & EN 55024.

FEDERAL COMMUNICATIONS COMMISSION (FCC) EMISSIONS COMPLIANCE STATEMENT
- This equipment has been tested and complies with the limits f or a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a domestic environment.
- This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device might not cause harmful interference, and (2) this device must accept any interference received, including interference that might cause undesired operation.

INDUSTRY CANADA EMISSIONS COMPLIANCE STATEMENT
- CAN ICES-3 (B)/NMB-3(B).

COMPLIANT WITH

N2272

www.element14.com/legislation

Manufactured in PRC
Manufacturer
Premier Farnell UK Limited, 150 Armley Road,
Leeds LS12 2QQ, United Kingdom
Revision 1.2 November 2014

element14