

AC-KIT-888S

Audio Converter Card

Quick Installation Guide

Version 2.00

September, 2025

Features

- Realtek ALC888S HD Audio codec IC supported
- Five audio jacks for microphone, 7.1+2-channel high definition audio input and output
- High performance 7.1+2-channel high definition audio board provides 7.1-channel sound playback and multiple streaming through the front panel stereo outputs
- Digital to Analog Converter (DAC) with 97dB Signal to Noise Ratio (SNR)
- Analog to Digital Converter (ADC) with 90dB Signal to Noise Ratio (SNR)
- All the Digital to Analog Converter (DAC) supports 44.1k/48k/96k/192kHz sampling rate
- All the Analog to Digital Converter (ADC) supports 44.1k/48k/88.2k/96k/192kHz sample rate
- Driver supports Windows® 2000/2003/XP/Vista/7/10 (32/64 bits) and Linux (Ubuntu or Debian)

Packing List

- 1 x AC-KIT-888S audio peripheral board
- 1 x Audio cable
- 1 x QIG

Jumpers & Connectors

J1: AVDD Power ON select	
Status	Description
1-2	Select AVDD Power on by +5V
2-3 (recommend)	Select AVDD Power on by +12V to +5V

J2: DVDD Power ON select	
Status	Description
1-2	Select DVDD Power by +1.5V or +1.8V
2-3 (recommend)	Select DVDD Power by +3.3V

JP1: 1V5_1V8 Power ON select	
Status	Description
1	Select DVDD Power by +1.5V
0	Select DVDD Power by +1.8V

HDA-1: HDA connector			
Pin NO.	Description	Pin NO.	Description
1	HDA_SYNC	2	HDA_BITCLK
3	HDA_SDOUT	4	HDA_PCBEOP
5	HDA_SDIN	6	HDA_RST#
7	HDA_VCC	8	Digital_GND
9	HDA_+12V	10	Digital_GND

C-SUB1: Center / Subwoofer Connector	
Channel	Description
LEFT	Center OUT
RIGHT	Subwoofer OUT

CDIN1: 4-pin Header Connector	
Status	Description
1	CD IN LEFT
2	CD-GND
3	CD-GND
4	CD IN RIGHT

FRONT-PANEL1: FRONT-PANEL connector			
Pin NO.	Description	Pin NO.	Description
1	MIC2_LEFT	2	GND
3	MIC2_RIGHT	4	PRESENCE#
5	LINE 2_RIGHT	6	MIC2-JD

7	Sense	8	Key
9	LINE2_LEFT	10	LINE2-JD

Get more information:

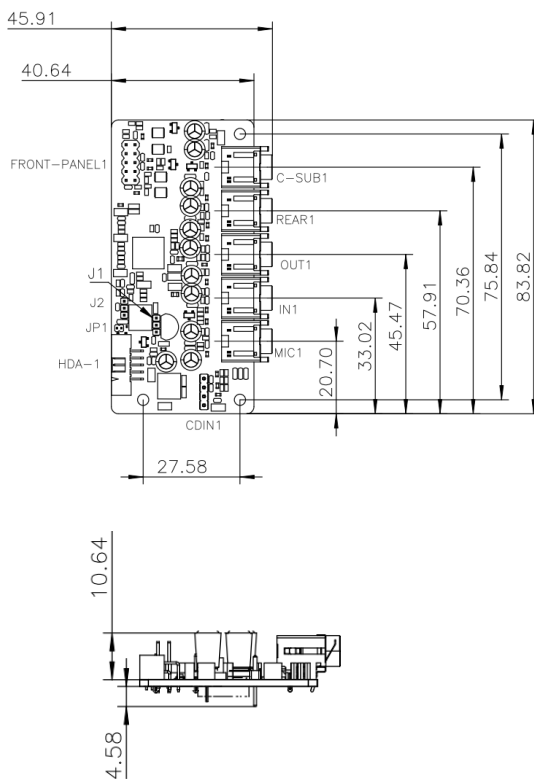


AC-KIT-888S



IEI Resource Download Center

Dimensions (Unit: mm)



Safety Instructions



Warning! Read the user manual before connecting the system to the power source.

Warning! To prevent the system from overheating, do not operate it in an area that exceeds the maximum operating temperature described in the user manual.

Warning! Ultimate disposal of this product should be handled according to all national laws and regulations.

Support



IEI Support URL

http://new.ieiworld.com/tw/online_support_form

Compliance



This equipment has been tested and found to comply with specifications for CE marking. If the user modifies and/or installs other devices in the equipment, the CE conformity declaration may no longer apply.



This equipment complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference, and
- This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class A 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 commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.



According to the requirement of the WEEE legislation the following user information is provided to customers for all branded IEI Electronics products subject to the WEEE directive.

This symbol on the product or on its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help to conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment. For more information about where you can drop o- your waste equipment for recycling, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

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