

AC-KIT-892HD

Quick Installation Guide

Version 1.0

Jan. 07, 2013

Package Contents:

AC-KIT-892HD package includes the following items:

- 1 x AC-KIT-892HD audio peripheral board
- 1 x audio cable
- 1 x QIG (Quick Installation Guide)



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Features:

1. Realtek ALC892 HD Audio Codec IC Supported
2. Five audio jacks for microphone, 7.1+2 Channel High Definition Audio input and output
3. High performance 7.1+2 Channel High Definition Audio board are providing 7.1 sound playback and multiple streaming through the front panel stereo outputs
4. Digital to Analog Converter (DAC) with 97dB signal to noise ratio (SNR)
5. Analog to Digital Converter (ADC) with 90dB signal to noise ratio (SNR)
6. All the Digital to Analog Converter (DAC) supports 44.1K/ 48k/ 96K/ 192kHz sample rate
7. All the Analog to Digital Converter (ADC) supports 44.1K/ 48K/ 96KHz sample rate
8. Driver supports Windows 2000/ 2003/ XP/ VISTA/7 (32/64 bits), Linux (Ubuntu or Debian)

Ordering Information:

- AC-KIT-892HD-R10: Realtek ALC892 7.1 channel HD audio peripheral board
- 32100-121100-RS: Audio cable

Jumpers setting and Connectors:

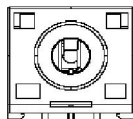
LABEL	FUNCTION
J1	AVDD Power setting
J2	DVDD Power setting
HDA-1	HDA Connector
MIC	Mic in Connector
IN	Line in Connector
OUT	Front out Connector
REAR	Rear out Connector
C-SUB	Center / Subwoofer Connector
CDIN1	CD in Connector
FRONT-PANEL	Front-Panel Connector

J1 : AVDD	
PIN NO.	DESCRIPTION
1-2	Select AVDD Power by +5V
2-3 (Default)	Select AVDD Power by +12V to +5V

J2 : DVDD	
PIN NO.	DESCRIPTION
1-2	Select DVDD Power by +1.5V
2-3 (Default)	Select DVDD Power by +3V

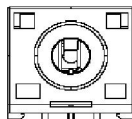
HDA-1: HDA Connector			
PIN NO.	DESCRIPTION	PIN NO.	DESCRIPTION
1	HDA_SYNC	2	HDA_BITCLK
3	HDA_SDOUT	4	HDA_PCBEOP
5	HDA_SDIN	6	HDA_RST#
7	HDA_VCC	8	HDA_GND
9	HDA_+12V	10	HDA_GND

- MIC: Mic in Connector**



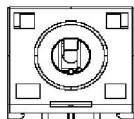
Color : Pink

- IN: Line in Connector**



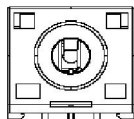
Color : Blue

• **OUT: Front out Connector**



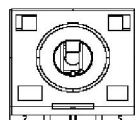
Color : Green

• **REAR: Rear out Connector**



Color : Black

C-SUB : Center / Subwoofer Connector	
CHANNEL	DESCRIPTION
LEFT	Center OUT
RIGHT	Subwoofer OUT

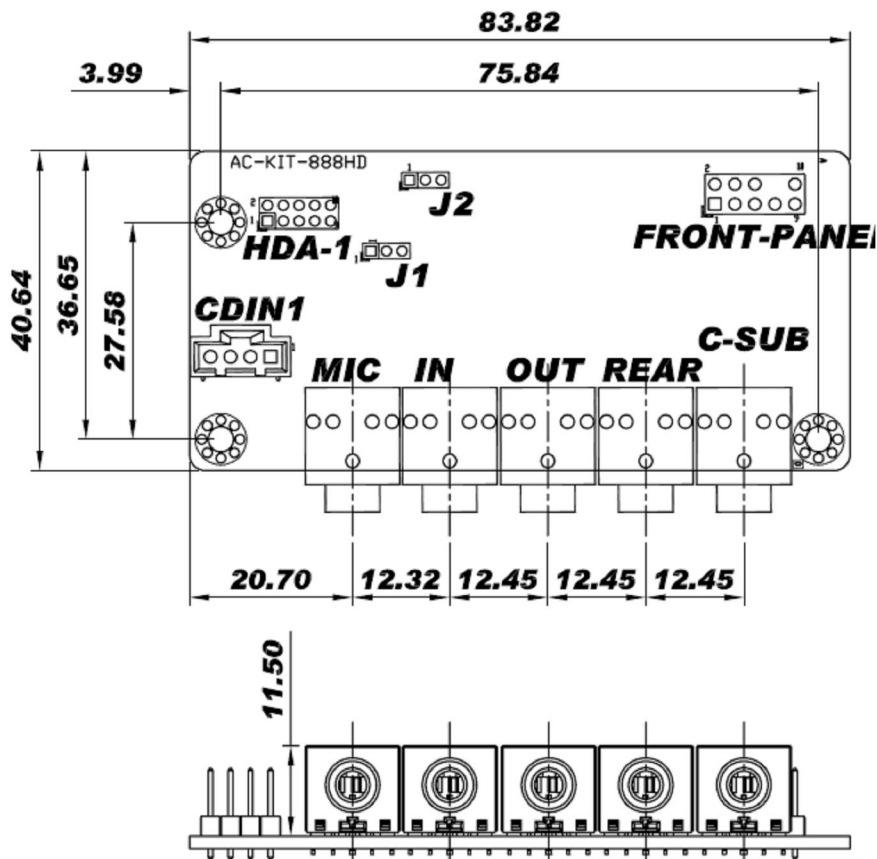


Color : Orange

CDIN1 : 4-pin Header Connector	
PIN NO.	DESCRIPTION
1	CD IN LEFT
2	CD-GND
3	CD-GND
4	CD IN RIGHT

FRONT-PANEL: FRONT-PANEL Connector			
PIN	DESCRIPTION	PIN	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

Board Layout: Jumper and Connector Locations



(Unit:mm)