

# ACS-9093-00

AC97 AUDIO CODEC  
FOR USE WITH: CPU-1 233

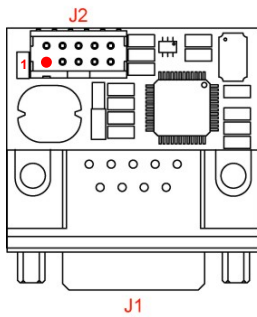
## General Features

- RoHS Compliant

## Kit Contents

- 1x ACS-9093 AC97 Audio CODEC adaptor
- 1x 7000000165L interface cable
- 1x 7030000300L Audio interface cable

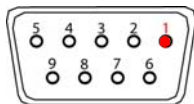
## AC97 Audio CODEC Layout



## AC97 Audio CODEC Connector Pinouts

- J1: Audio I/O (Female DB9 Connector)
- J2: CPU Interface (Male Minitek Shrouded Header, 8pin, 2.0mm pitch)

### J1 Pinout



Pin	Signal	Pin	Signal
1	Line Out Left	6	Line Out Right
2	Ground	7	Microphone In
3	Vref Microphone	8	Ground
4	Line In Left	9	Line In Right
5	Ground		

### J2 Pinout

Pin	Signal	Pin	Signal
1	VDD	2	Ground
3	SData Out	4	Bit Clock
5	PC BEEP	6	Ground
7	Reset	8	Sync
9	SData In	10	AC97 Clock



ACS-9093 AC97 Audio CODEC adaptor

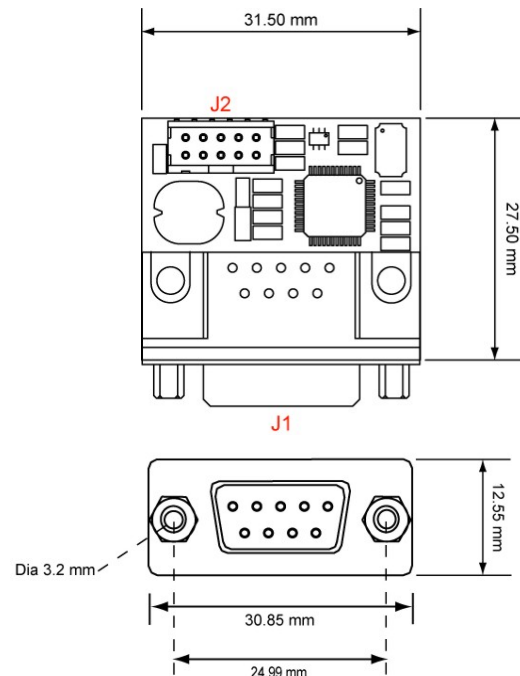


7030000300L Audio interface cable



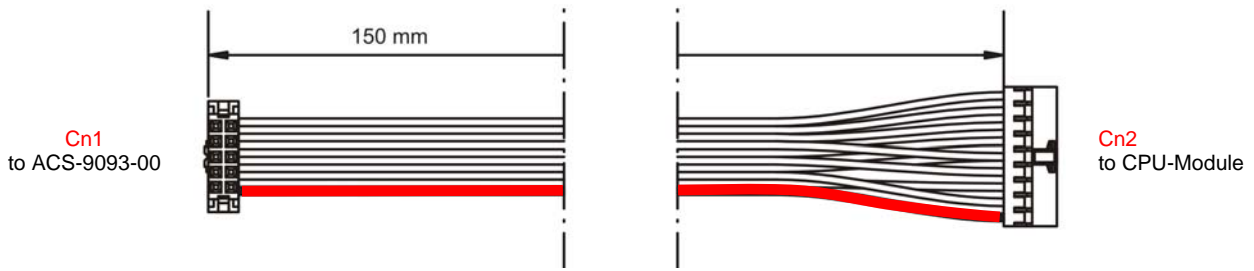
7000000165L interface cable

## AC97 Audio CODEC Mechanical Dimensions



All dimensions in millimetres

## 700000165L Mechanical Dimensions



## 700000165L Connector Pinouts

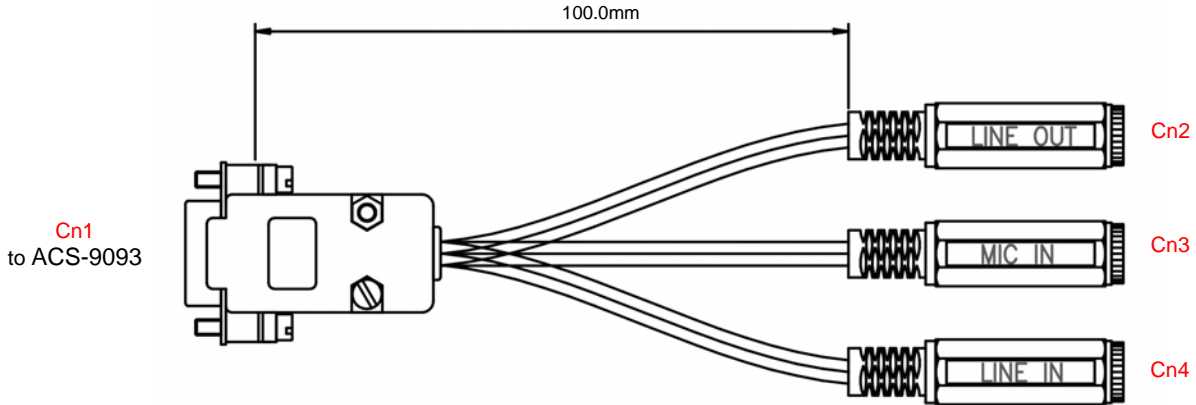
### Connectors

Connector	Name	QTY Pins	Format	Pitch (mm)
Cn1	MinitekIDC	10	5x2	2.00
Cn2	Minitek Housing	18	9x2	2.00

### Pinouts

Cn1 Pin #	Cn2 Pin #		Usage	Notes
1	Cn2	1	+5V	Marked Wire
2	Cn2	5	Ground	
3	Cn2	3	SDOUT	
4	Cn2	10	BITCLK	
5	Cn2	7	PC_BEEP	
6	Cn2	12	Ground	
7	Cn2	9	Rstdrv	
8	Cn2	14	Sync	
9	Cn2	15	SD_IN	
10	Cn2	18	AC97_CLK	

## 7030000300L Mechanical Dimensions



## 7030000300L Connector Pinouts

### Connectors

Connector #	Type
Cn1	Male 9pin D-Sub
Cn2	Female 3.5mm Stereo Jack Socket
Cn3	Female 3.5mm Stereo Jack Socket
Cn4	Female 3.5mm Stereo Jack Socket

### Pinout

Cn1 Pin	Connector	Pin	Usage	Colour
1	Cn2	Left	Line Out Left	White
6	Cn2	Right	Line Out Right	Red
2	Cn2	Shield	Ground	Cable Shield
7	Cn3	Left	Microphone In	White
3	Cn3	Right	Microphone Vref	Red
8	Cn3	Shield	Ground	Cable Shield
4	Cn4	Left	Line In Left	White
9	Cn4	Right	Line In Right	Red
5	Cn4	Shield	Ground	Cable Shield