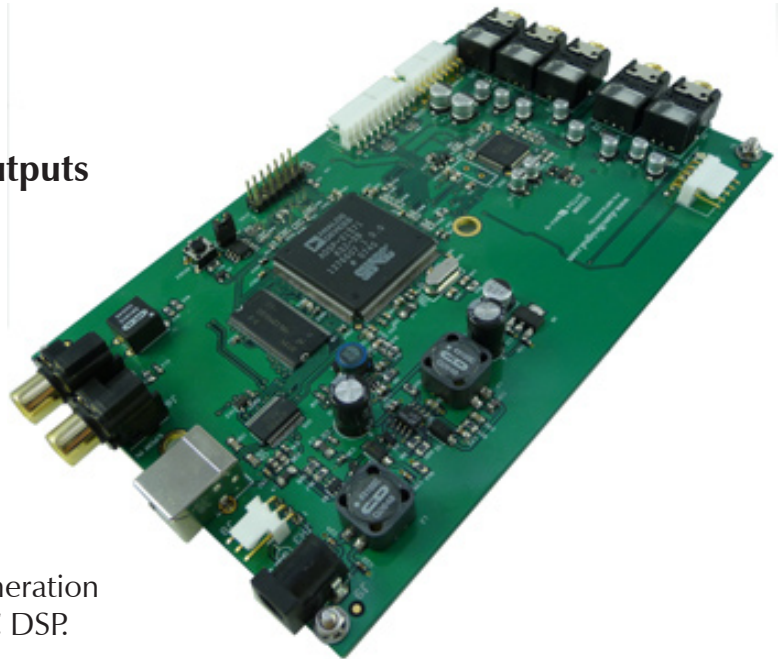


Audio Weaver Demo Board

- **ADSP-21371 SHARC DSP**
- **AKM AK4683 Codec**
- **2 Audio Inputs – 4 Audio Outputs**
- **S/PDIF**
- **100 x 160mm Eurocard Size**
- **USB Bus Powered**



The Audio Weaver Demo Board allows you to explore Audio Weaver Designer or Developer on a third generation Analog Devices ADSP-21371 SHARC DSP.

The analog I/O is compatible with PC soundcards. Miniature phone jacks (3.5mm) are used for compatibility. Alternatively, these inputs and outputs can be connected to locking headers. Audio inputs are selectable for line level (-10dBV) or microphone. There are four audio output channels; two of these channels are also directed to a headphone output with independent gain adjustment. S/PDIF digital I/O is also provided. The transceiver is part of the AKM AK4683 codec.

There are eight GPIO connections available; four are assigned to the SHARC's DAI and four are assigned to DPI.

The board can be bus powered from the USB or connected to an external 9Vdc 500mA power supply. Since the board is a standard Eurocard size, there are many off-the-shelf housing options available.

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