



DSPAUDIOEVM: DSPAUDIOEVM Evaluation Module

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The DSPAUDIOEVM Evaluation Module is used to demonstrate the abilities of the Symphony DSP family and provide a hardware tool to allow development of applications that use these devices. The DSPAUDIOEVM consists of a generic motherboard (DSPAUDIOEVM1E) and a specific daughterboard corresponding to your DSP needs. All motherboards are supplied with a parallel cable which can be used with the Symphony Studio software. Note that no special "wiggler" cables are required to work with this software. Third party USB to JTAG/OnCE adapters are also available.

A separate daughter card is provided for each DSP device.

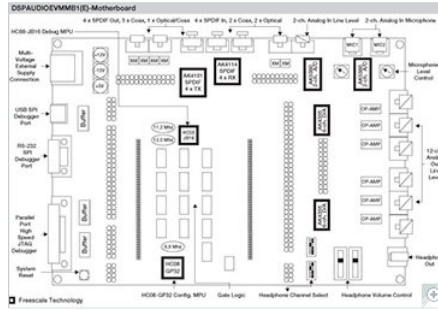
Features

The DSPAUDIOEVM is designed for the following purposes:

- To allow new users to familiarize themselves with the features of the DSPB563xx/DSPB5672x family architecture by exercising the product feature set.
- To serve as a platform for real-time software development, software download to on-chip or on-board RAM, software running and debug with full speed operation and breakpoint capability, and the ability to modify all user-accessible registers, memory, and peripherals through the JTAG/OnCE port.
- To allow users to test and evaluate any audio decoders which may be contained in specific ROMs in the Symphony DSP family.

Related Software and Tools

SYMPH_STUDIO: Symphony™ Studio Development Tools
DSPCOMMPARALLEL: Parallel Port Command Converter for DSP



Supported Devices

Archived Products and Tools
 DSP56K/Symphony Digital Signal Processors

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Part Designator	Supported Daughter card	Description
DSPB56364	DSPB364DB1	DSP56364 "B" Generic ROM daughter card
DSPB56366	DSPB366DB1	DSP56366 "B" Generic ROM daughter card
DSPB56367	DSPB367DB1	DSP56367 "B" Generic ROM daughter card
DSPB56371	DSPB371DB1E	DSP56371 "B" Generic ROM daughter card
DSPB56374	DSPB374DB1	DSP56374 "B" Generic ROM daughter card
DSPB56720	DSPB720DB1E	DSP56720 "B" Generic ROM daughter card
DSPB56721	DSPB721DB1E DSPB721DB2E	DSP56721 "B" Generic ROM daughter card for 144LQFP DSP56721 "B" Generic ROM daughter card for 80LQFP
DSPB56724	DSPB724DB1E	DSP56724 "B" Generic ROM daughter card
DSPB56725	DSPB725DB2E	DSP56725 "B" Generic ROM daughter card

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