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PurePath Console Mother Board for TI Audio Amplifier IC

(ACTIVE) PUREPATH-CMBEVM

Description & Features

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Description

The PurePath™ Console Motherboard EVM (PurePath-CMBEVM) is used as primary interface to TI's Audio Products. It provides a seamless interface between the PurePath™ Console GUI running on your computer, and the device under evaluation.

The PurePath-CMBEVM provides virtually infinite flexibility via hardware, that is easily controlled by the software. For the audio path, it supports virtually any "gozinta" to any "gozouta." Each device on the board is programmable via the GUI, either graphically, or via configuration files.

The PurePath-CMBEVM is shipped as a stand-alone board. It is not included in any product EVMs.



PurePath Console Mother Board for Audio ICs - Top View

Features

- Extremely flexible, yet easy to use interface between the GUI, audio sources, and TI's Audio Products
- Enables PurePath™ Console GUI to send I2C control signals via USB
- Initialization sequence is loaded utilizing auto device detection, reducing hardware setup time
- Extremely flexible audio routing:
 - Audio input sources: USB audio, SPDIF (optical and coax) and Analog
 - Audio Output: Optical SPDIF and Analog
- Robust connector provides signal integrity and mechanical stability to daughter card
- Single power supply
- Compatible with Win 7 and XP

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Part Number	Buy from Texas Instruments or Third Party	Buy from Authorized Distributor	Status	Lead-Free	RoHS	REACH	WEEE	HI-V (>50VRMS/75 VDC)	CE	CE-EMC	CE-RTTE/LVD	FCC	Batteries	Enclosure	Ext Power Supply
PUREPATH-CMBEVM: PurePath Console Motherboard for Audio IC	\$199.00(USD) In Stock Typically Ships in 1 to 3 Business Days Buy from TI	Pricing may vary. Buy from distributor	ACTIVE	Yes	Yes	NA	NA	NA	NA	NA	NA	NA	No	No	No

Contact a Distributor

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Technical Documents

User Guides (1)

Title	Abstract	Type	Size (KB)	Date	Views
PurePath™ Console Motherboard (Rev. B)	Read Abstract	PDF	6289	12 Feb 2015	893

Related Products

Software (1)

 [Audio Firmware \(TAS1020B\) V0354](#)
(ZIP, 684 KB) 185 views, 30 Apr 2014

TI Devices (5)

Part Number	Name	Product Family
TAS5729MD	12-W Stereo Class-D Audio Amp w/ Integrated HP Amplifier and Audio Processing	Speaker Amplifier and Modulator
TAS5760L	Closed Loop I2S Input Amplifier with Power Limiter, PVDDmax of 16.5V	Speaker Amplifier and Modulator
TAS5760LD	Closed Loop I2S Input Amplifier with Power Limiter and Integrated Headphone, PVDDmax of 16.5V	Speaker Amplifier and Modulator
TAS5760M	Closed Loop I2S Input Amplifier with Power Limiter, PVDDmax of 26.4V	Speaker Amplifier and Modulator
TAS5760MD	Closed Loop I2S Input Amplifier with Power Limiter and Integrated Headphone, PVDDmax of 26.4V	Speaker Amplifier and Modulator

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TI-RTOS Update Learn about the latest TI-RTOS features and more in-depth understanding of this TI software tool.	On-Line Training	On Demand
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