



IMPORTANT - READ THIS LETTER FIRST!!

This letter is attached the TAS5504-5142V4EVM PurePath Digital™ board package. Please check that all below stated material is correctly included in the package, and if you experience anything is missing, defective or in other way incorrect, please repack the material in the box and contact your TI representative who has provided the package.

The EVM package contains:

- 1 pc. TAS5504-5142V4EVM board using one TAS5504APAG and one TAS5142DDV.
- 1 pc. TI Input-USB board for interfacing TAS5504-5142V4EVM w. SPDIF/analog sources and PC for control.
- 1 pc. Signal Interface IDC cable for connection to a I2S front-end like the attached TI Input-USB board.
- 1 pc. Control Interface IDC cable for connection to a I2C front-end like the attached TI Input-USB board.
- 1 pc. Cable for connecting Input-USB board to a USB port on a PC for TAS5504 control by software.
- 1 pc. Power supply cable for two regulated power supplies (H-bridge and System supply).
- 1 pc. PurePath CD-ROM containing:
 - TAS5504-5142V4EVM Users Guide (Important for setup and use)
 - TAS5504-5142V4EVM Applications Report (Specifications, Graphs, Schematic, Layout)
 - PC software for related TI Digital Audio devices incl. TAS5504 GUI control (labeled TAS5508 GUI).
 - Data manuals for available PurePath Digital™ devices and other TI Digital Audio devices.
 - General Application reports.
 - General Audio Precision Test files (Requires AP S2 Dual Domain w. AES17 filter)

Note! Before setup and use of the EVM, please read the Users Guide for TAS5504-5142V4EVM that includes some important notices, warnings, restrictions and disclaimers.

Note! Maximum H-Bridge voltage: 32 Vdc (White/Black cable)

Note! Maximum System voltage: 15 Vdc (Red/Black cable)

The TAS5504-5142V4EVM documentation includes the design files and parts configuration used for the specific board. Other versions of the TAS5504-5142V4EVM design documentation might contain different board revisions, so please keep the documentation attached this board also for future reference.

We encourage you to set-up, listen carefully and enjoy this PurePath Digital™ EVM board using high-end performing speakers and excellent music. Use a good and low output impedance power supply on the H-bridge for highest performance.

Before conducting measurements of the board performance, please read the Application Report called "*Digital Audio Measurements*" guide, TI Literature Number SLAA114.

All rights to material in this TAS5504-5142V4EVM package belong to Texas Instruments Inc. and patents are pending on algorithms and circuitry's used in integrated circuits, on the board and in the documentation. Circuitry's used on the board and shown in the documentation may only be used together with Texas Instruments TASxxxx devices associated with the circuitries.

We hope that you will be satisfied during the evaluation of the board package. We are very interested in your feedback, both positively and whatever issues you might have experienced, so please do not hesitate to contact your TI representative that has provided you the package.

IMPORTANT NOTICE

Texas Instruments Incorporated and its subsidiaries (TI) reserve the right to make corrections, modifications, enhancements, improvements, and other changes to its products and services at any time and to discontinue any product or service without notice. Customers should obtain the latest relevant information before placing orders and should verify that such information is current and complete. All products are sold subject to TI's terms and conditions of sale supplied at the time of order acknowledgment.

TI warrants performance of its hardware products to the specifications applicable at the time of sale in accordance with TI's standard warranty. Testing and other quality control techniques are used to the extent TI deems necessary to support this warranty. Except where mandated by government requirements, testing of all parameters of each product is not necessarily performed.

TI assumes no liability for applications assistance or customer product design. Customers are responsible for their products and applications using TI components. To minimize the risks associated with customer products and applications, customers should provide adequate design and operating safeguards.

TI does not warrant or represent that any license, either express or implied, is granted under any TI patent right, copyright, mask work right, or other TI intellectual property right relating to any combination, machine, or process in which TI products or services are used. Information published by TI regarding third-party products or services does not constitute a license from TI to use such products or services or a warranty or endorsement thereof. Use of such information may require a license from a third party under the patents or other intellectual property of the third party, or a license from TI under the patents or other intellectual property of TI.

Reproduction of information in TI data books or data sheets is permissible only if reproduction is without alteration and is accompanied by all associated warranties, conditions, limitations, and notices. Reproduction of this information with alteration is an unfair and deceptive business practice. TI is not responsible or liable for such altered documentation.

Resale of TI products or services with statements different from or beyond the parameters stated by TI for that product or service voids all express and any implied warranties for the associated TI product or service and is an unfair and deceptive business practice. TI is not responsible or liable for any such statements.

Following are URLs where you can obtain information on other Texas Instruments products and application solutions:

Products		Applications	
Amplifiers	amplifier.ti.com	Audio	www.ti.com/audio
Data Converters	dataconverter.ti.com	Automotive	www.ti.com/automotive
DSP	dsp.ti.com	Broadband	www.ti.com/broadband
Interface	interface.ti.com	Digital Control	www.ti.com/digitalcontrol
Logic	logic.ti.com	Military	www.ti.com/military
Power Mgmt	power.ti.com	Optical Networking	www.ti.com/opticalnetwork
Microcontrollers	microcontroller.ti.com	Security	www.ti.com/security
Low Power Wireless	www.ti.com/lpw	Telephony	www.ti.com/telephony
		Video & Imaging	www.ti.com/video
		Wireless	www.ti.com/wireless

Mailing Address: Texas Instruments
Post Office Box 655303 Dallas, Texas 75265