



IMPORTANT - READ THIS LETTER FIRST!!

This letter is attached the TAS5342LDDV6EVM PurePath Digital™ 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. TAS5342LDDV6EVM using one TAS5086DBT and two TAS5342LDDV.
- 1 pc. TI Input-USB board 2 for interfacing the EVM with S/PDIF/analog sources and PC for control.
- 1 pc. Signal and Control Interface IDC cable for connection to a TI Interface board.
- 1 pc. USB cable for connecting Input-USB board 2 to a USB port on a PC for TAS5508B control by software.
- 1 pc. Power supply cable for one regulated power supply (H-bridge supply).
- 1 pc. Users Guide (Important for setup and use; spec's, graphs, schematic, layout)
- 1 pc. AC-to-DC external 15-V power supply (system supply).
- 4 pc. AC Input Clips for external 15-V power supply (US, Europe, UK, and Australia).
- 1 pc. PurePath CD-ROM containing:
 - Users Guide (Important for setup and use; spec's, graphs, schematic, layout)
 - PC software for related TI Digital Audio devices **incl. TAS5086 GUI control (USB)**.
 - 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 TAS5342LDDV6EVM 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

The TAS5342LDDV6EVM documentation includes the design files and parts configuration used for the specific board. Other versions of the TAS5342LDDV6EVM 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 TAS5342LDDV6EVM 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 TASxxx 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 TI 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. Information of third parties may be subject to additional restrictions.

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.

TI products are not authorized for use in safety-critical applications (such as life support) where a failure of the TI product would reasonably be expected to cause severe personal injury or death, unless officers of the parties have executed an agreement specifically governing such use. Buyers represent that they have all necessary expertise in the safety and regulatory ramifications of their applications, and acknowledge and agree that they are solely responsible for all legal, regulatory and safety-related requirements concerning their products and any use of TI products in such safety-critical applications, notwithstanding any applications-related information or support that may be provided by TI. Further, Buyers must fully indemnify TI and its representatives against any damages arising out of the use of TI products in such safety-critical applications.

TI products are neither designed nor intended for use in military/aerospace applications or environments unless the TI products are specifically designated by TI as military-grade or "enhanced plastic." Only products designated by TI as military-grade meet military specifications. Buyers acknowledge and agree that any such use of TI products which TI has not designated as military-grade is solely at the Buyer's risk, and that they are solely responsible for compliance with all legal and regulatory requirements in connection with such use.

TI products are neither designed nor intended for use in automotive applications or environments unless the specific TI products are designated by TI as compliant with ISO/TS 16949 requirements. Buyers acknowledge and agree that, if they use any non-designated products in automotive applications, TI will not be responsible for any failure to meet such requirements.

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

Products

Amplifiers	amplifier.ti.com
Data Converters	dataconverter.ti.com
DSP	dsp.ti.com
Clocks and Timers	www.ti.com/clocks
Interface	interface.ti.com
Logic	logic.ti.com
Power Mgmt	power.ti.com
Microcontrollers	microcontroller.ti.com
RFID	www.ti-rfid.com
RF/IF and ZigBee® Solutions	www.ti.com/lprf

Applications

Audio	www.ti.com/audio
Automotive	www.ti.com/automotive
Broadband	www.ti.com/broadband
Digital Control	www.ti.com/digitalcontrol
Medical	www.ti.com/medical
Military	www.ti.com/military
Optical Networking	www.ti.com/opticalnetwork
Security	www.ti.com/security
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
Copyright © 2008, Texas Instruments Incorporated