



## **IMPORTANT - READ THIS LETTER FIRST!!**

This letter is attached the TAS5086-5186V6EVM 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. TAS5086-5186V6EVM board using one TAS5086DBT and TAS5186ADDV.
- 1 pc. TI Input-USB board for interfacing TAS5086-5186V6EVM 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 TAS5086 control by software.
- 1 pc. Power supply cable for two regulated power supplies (H-bridge and System supply).
- 1 pc. PurePath CD-ROM containing:
  - TAS5086-5186V6EVM Users Guide (Important for setup and use)
  - TAS5086-5186V6EVM Applications Report (Specifications, Graphs, Schematic, Layout)
  - PC software for related TI Digital Audio devices incl. TAS5086 GUI control.
  - 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 TAS5086-5186V6EVM that includes some important notices, warnings, restrictions and disclaimers.**

**Note! Maximum H-Bridge voltage: 39 Vdc (White/Black cable)**

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

The TAS5086-5186V6EVM documentation includes the design files and parts configuration used for the specific board. Other versions of the TAS5086-5186V6EVM 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 TAS5086-5186V6EVM 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.

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