PurePath™ Wireless. The complete wireless audio solution from TI.

TI’s latest device in the family of PurePath™ audio products is a wireless audio transceiver featuring a 2.4 GHz system-on-chip (SoC) transmitting uncompressed CD quality wireless audio over a state-of-the-art RF link. The CC8520 is a complete integrated solution with RF protocol and audio codec setup support, application designs and free PurePath wireless configuration PC tool.


TI’s CC8520 SoC solution provides a solid wireless audio link and 16 bit / 44.1/48 KHz uncompressed audio with no unwanted noise or dropouts. It uses a number of RF channels dynamically chosen for lossless audio transmission, resulting in minimal interference with other RF devices in the 2.4 GHz band. With its built-in audio setup and HID interface, no software development is required. Combined with the easy-to-use configuration tool and application reference designs, TI’s CC8520 PurePath wireless audio solution ensures flexibility, cost-efficiency and a fast time-to-market.

CC8520 PurePath™ Wireless key features and benefits

- Single chip RF-IC dedicated to wireless audio
- No unwanted noise or dropouts
- Uncompressed wireless stereo audio

- Includes IC, RF protocol, application designs, built-in audio IC setup and HID interface
- Complete wireless audio solution
- No software development required
- Free PurePath wireless PC configuration tool

- Built in intelligent audio protocol
- Excellent coexistence with Bluetooth, WLAN or other 2.4 GHz devices

- I2S and DSP/TDM interface support
- Codecs, ADCs, DACs, class-D amplifiers

Application areas

- Consumer Audio
- Portable Audio
- Professional Audio
- Digital Radio

For more information visit www.ti.com/cc8520
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