CONEXANT™

CX23880, CX23881, CX23882, and CX23883
Product Bulletin

Product Affected: CX23880 and CX23881 Broadcast Decoder

Conexant introduces the latest offering of broadcast decoders to service the varied requirements for TV on the PC. Basic requirements range from TV Stereo FM to complete home entertainment solutions that can receive, record, and playback MPEG-1, MPEG-2 or ATSC (HDTV) video files.

This product bulletin describes 4 parts that are pin for pin, register, and software compatible to each other and will replace all previous CX2388X-X devices. These changes were created in order to address the varied market requirements.

Products Part numbers:

The latest Revisions of the above-mentioned products are the following:

- CX23880-17, CX23881-27, CX23882-17, and CX23883-17.

The previous versions:

- CX23880-16 and CX23881-17.

Product Features:

- The CX2388X family has the following common features:
- Worldwide Standards Video Decoder (NTSC/PAL/SECAM)
- EIA-J/A2/NICAM/FM Broadcast Stereo and Mono Decoders
- 10-bit Video ADC's
- Serial and Parallel MPEG input ports
- Digital Audio (I2S) Input and Output ports
- Stereo Line Output DACs (2 DACs)
- VIP pixel port

Additional features unique to these parts:

CX23880-17

- Includes BTSC dbx stereo
- Intel/Motorola and VIP2.0 Host ports
- CCIR 656 digital video Input and Output ports

CX23881-27

- Includes BTSC stereo (No dbx companding circuit)

CX23882-17

- Intel/Motorola Host ports (no VIP Host port)
- CCIR 656 digital video Input and Output ports
- Includes BTSC stereo (No dbx companding circuit)

CX23883-17

- Includes BTSC dbx stereo