

Product Overview

LC89091JA: Digital Audio Interface Receiver

For complete documentation, see the data sheet.

The LC89091JA is a digital audio interface receiver that demodulates signals according to the data transfer format between digital audio devices via IEC60958, IEC61937 and JEITA CPR-1205. It supports demodulation sampling frequencies of up to 192kHz. The LC89091JA adjusts to using in various systems including AV receivers, digital TVs and DVD recorders.

Features

- S/PDIF demodulation process according to IEC60958, IEC61937, and JEITA CPR-1205
- Smooth clock transaction Xtal and PLL clock
- Output clock frequency automatic adjustment
- Output data status signal output
- I2C fast-mode slave interface
- Built-in power on reset circuit
- Can be set power down mode

Applications

- Consumer audio
- Digital audio interface

Benefits

- Support wide range of applications
- Prevent clock switching noise
- Easy control
- Use for output data processing
- Stand-alone use is also possible

End Products

- A/V Receiver
- Home Theatre-in-a-Box
- Mini Compo
- Sound Bar
- Head Phone AMP

For more information please contact your local sales support at www.onsemi.com.

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