Product Overview

LC823430TA: Audio Processing System for MP3 Recording and Playback

For complete documentation, see the data sheet.

LC823430TA is an audio processing system for MP3 record and playback devices. It integrates a DSP for digital signal processing, and analog blocks such as audio ADC, audio DAC, and speaker and headphone amplifier, in addition to an LCD segment driver.

Features
• Supply voltage: 1.3 V (core, etc.), 3.15 V (Audio, USB, etc.)
• Maximum operation frequency: 42 MHz (DSP @ 1.3 V)
• Integrated 32-bit DSP
• 3-channel, 10-bit ADC

Applications
• Audio signal processing

Applications
• Audio signal processing

End Products
• IC Recorder
• Audio Player
• Home Audio

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