

CRMICRO / CSTIOT Component Datasheet Summary

CD7377CZ

Automotive 4-Channel Audio Power Amplifier

Shenzhen Smart Micro Technology - Authorized CRMICRO Agent

Document: Public technical summary for engineer selection reference.

Note: Refer to latest official CRMICRO datasheet for production.

Key Features:

- Wide supply voltage: 8V to 18V
- Operating temperature: -40C to +125C
- Four-channel AB class audio amplifier
- Bootstrap-capacitor-free architecture
- Suitable for automotive head unit and audio modules

Typical Applications:

- In-vehicle infotainment
- Aftermarket car audio upgrade
- Commercial vehicle audio systems

Electrical (typical):

- THD \leq 0.15% (1kHz, 1W)
- Supports BTL mode for higher output power

Package: Power package with exposed thermal pad

Contact: 0755-83219500 | BOM: <https://www.cstiot.com/bom-submit/>

Official site: <https://www.szime.cn>