

# CRMICRO / CSTIOT Component Datasheet Summary

## CD7388CZ

### High-Performance Automotive Audio 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 high-performance AB amplifier
- Lower THD and higher output vs CD7377CZ
- Pin-compatible migration path for import alternatives

#### Typical Applications:

- Premium automotive infotainment
- Multi-channel car audio systems
- Import replacement programs

#### Electrical (typical):

- THD  $\leq$  0.08% (1kHz, 1W)
- High output power per channel at 14.4V/4 ohm

Package: Power package with exposed thermal pad

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

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