



## Additional Features

- In-line, four-button support on the microphone path that meets the *Android Wired Audio Headset Specification*
- DRC on the playback path
- Five-band digital EQ for playback and recording
- Microphone boost settings of 0dB to 36dB, in 3dB steps
- Digital volume up/down control
- Mute buttons with LED for:
  - Microphone
  - Speaker
- 3.3V or 5V power
- UART
- 11.4mA typical current
- Eight-button keypad support
- Up to 11 GPIO pins
- 46-pin WLCSP package, 3.09mm x 3.09mm

## Electrical Characteristics

Parameter	Minimum	Nominal	Maximum	Standby	Unit	Comments
Input Voltage	2.7	-	5.25	-	V	-
Idle Current	-	11.4	-	-	mA	Input voltage = 5V.
Standby Current	-	1.5	-	-	mA	Input voltage = 5V.
Temperature	-40	27	85		°C	Operating temperature.

## Ordering Information

Part Number	Package	Description
CX20988-10Z	46-Pin WLCSP	USB-C Compliant Crystal-less Audio CODEC.

**Note:** All devices are lead-free (Pb-free) and RoHS-compliant.

[www.conexant.com](http://www.conexant.com)

Headquarters: 1901 Main Street, Suite 300 Irvine, CA,92614  
 General Information: U.S. and Canada: 888-855-4562 | International: 1 + 949-483-3000

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