



CXD3781GF

Features

- **Hybrid noise cancelling**
 - Feedforward/Feedback independent multi-stage filter configuration
 - Integrated 6-band equalizer path for audio line
 - Low-latency signal processing
- **High-resolution support**
 - fs to 200kHz and 16bit to 24bit support
 - Integrated sampling-rate converter
- **Microphone input**
 - 2-channel monaural (analog and digital support)
- **Audio inputs**
 - Analog line input
 - I2S support(digital)
- **High-performance ADC: 2-channels, DAC: 1-channel**
- **BTL headphone output**
 - Class-AB and Class-D
- **Support for filter adjustment using development tools**

Block Diagram

