

硬核技能实战+AI副业变现营(3天直播) 985技术专家

首页 > RL6988蓝牙SoC规格手册：156MHz处理器与4.2双模蓝牙功能

RL6988蓝牙SoC规格手册：156MHz处理器与4.2双模蓝牙功能

需积分: 49 2.1k 浏览量 更新于2024-09-06 3 🌟 收藏 720KB PDF 举报

摘要 RL6988是一款专为蓝牙应用设计的高度集成的系统级芯片(SoC)，其详细规格表版本1.0于2016年10月20日发布。该芯片的主要特点包括：

1. **系统架构**： ...

展开



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深入解析

SD卡实验

Features

System

- 156MHz 32bit RISC processor Core
- Internal Norflash 1MByte
- Internal RAM 150KByte

Bluetooth

- Bluetooth 4.2 dual mode support: simultaneous LE and BR/EDR
- Compatible with Bluetooth V4.1/4.0/2.1+EDR
- Supports AFH to dynamically detect channel quality to improve Bluetooth transmission quality
- Bluetooth Piconet and Scatternet support
- Maximum Bluetooth TX power: >4dBm
- Bluetooth RX sensitivity: -84dBm
- Support low power mode (sniff/sniff sub-rating)

Audio

- Built-in high performance DAC & ADC
- Supports single-ended Analog microphone
- Supports fmin & linein

Interface

- Support SD/MMC/eMMC card interface
- Serial Interfaces: USB1.1FS, UART, TWI

PMU

- Integrated PMU supports multiple low energy states
- Linear regulators outputs
- Standby current 35uA (typical).

GPIO

9 GPIO pins

Package

- SSOP-28

Bluetooth SOC SSOP28

Bluetooth Audio Solution

Wireless Audio Applications MMC/SD Card Audio Playback

Bluetooth V4.2

Applications

- Stereo speakers and speakerphones
- Bluetooth car audio unit
- Other Bluetooth applications