MegaSig

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U 987Q 蓝牙适配器

产品规格书

U 987Q Bluetooth dongle

Product Specification

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产品简介



U 987Q 蓝牙适配器

支持 A2DP, HFP（窄带，宽带，APTX超宽带)

支持 SBC,AAC, APTX,APTX-HD,APTX-Adaptive,LDAC,LHDC-V5

支持 SPP 大数据无断点透传, 极其适用于 ANC 滤波器调试数据传输

支持 RSSI, 电量等信息传输

支持上下曲，音量，暂停/回答，和其他按键的测试反馈
支持录音，重放，听音等测试反馈

支持 USB 程控，专为自动化测试设计

支持 LE Audio，LC3编码(语音，媒体)。Auracast发射

功能特点

- 支持蓝牙 5.4
- 具有完整的配置接口
- 完可设置音频编码
- 完整的音频 Profile 支持
- SPP高速大包透传
- 扫码连接，盲扫连接
- 模拟，USB声卡和数字（i2s）接口支持输入输出

规格参数

整体参数	
驱动	Shuttle
工作电压/电流	5V/55mA
尺寸	93*33*140
适用温度	-20℃ - 50℃
蓝牙指令控制	USB
Speaker通道数	2
Mic通道数	1
接口类型	BNC，USB

音频特性参数

音频参数	
Profile 版本	A2DP v1.4/AVRCP v1.6/HFP v1.9
RF 工作频率	2.441GHz
RF 射频功率	最大典型值 +15 dBm
A2DP 音频编解码	SBC/AAC/APTX/APTX-HD/APTX-Adaptive/LDAC/LHDC-V5
HFP 音频编解码	CVSD/mSBC/APTX Voice
LE AUDIO媒体编码	LC3（帧长支持10ms与7.5ms）
LE AUDIO语音编码	LC3（支持SWB）
Speaker 带宽	20Hz – 41kHz
Mic 带宽	100Hz – 15kHz
Speaker 底噪	<-90dBV
Mic 底噪	<-90dBV
BNC 最大输入输出电平	1VP

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Product introduction



U 987Q Bluetooth dongle

Support A2DP, HFP （Narrowband, Wideband,APTX ultra-wideband）

Support SBC, AAC, aptX, APTX-HD, APTX-Adaptive, LDAC, LHDC-V5.

Support SPP high speed, ideally for ANC filter data transmission Support RSSI, Power and other information upload.

Support up and down, volume, pause / answer, and other key feedback Support recording, replaying, listening key feedback.

Support USB program control for automated test design

Supports LE Audio and LC3 encoding (voice, media). Auracast broadcasting.

Features

- Supports Bluetooth 5.4
- The audio codecs can be set
- With a complete function of the configuration interface
- Full audio profile support
- SPP high speed transmission capability
- RF transmitter power can be set
- Connect by mac address or auto connect BT device
- Analog, USB sound card and digital (i2s) interface support inputs and outputs

Specification parameters

Parameters	
Driver	Shuttle
Working voltage/power dissipation	5V/55mA
Dimensions(mm)	93*33*140
Operation temperature	-20℃ - 50℃
Bluetooth command control	USB
Speaker channel number	2
Mic channel number	1
Interface type	BNC, USB

Audio specifications

Audio parameters	
Profile versions	A2DP v1.4/AVRCP v1.6/HFP v1.9
Rf frequency	2.441GHz
RF power	Typical max +15 dBm
A2DP audio codecs	SBC/AAC/APTX/APTX-HD/APTX-Adaptive/LDAC
HFP audio codecs	CVSD/mSBC/APTX Voice
LE AUDIO media codec	LC3（supports frame lengths of 10ms and 7.5ms ）
LE AUDIO voice codec	LC3（supports SWB）
Speaker bandwidth	20Hz - 41kHz
Mic bandwidth	100Hz - 15kHz
Speaker noise	<-90dBV
Mic noise	<-90dBV
BNC maximum input/output level	1VP

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