

Manufacture

Manufacture Chips	
Manufacture Name 深圳市中科蓝讯科技股份有限公司 Logo Intro 成立于2016年，总部位于深圳，并在珠海设有分公司。中科蓝讯是专注于研发和销售无线互联SoC芯片的高科技公司。我们提供一站式的应用解决方案，以帮助客户实现产品差异化。 中科蓝讯芯片产品和软件方案主要应用于：高性能耳机、音箱、AI智能、万物互联等领域。部分品牌客户有：联想、飞利浦、铁三角、创维、夏新、山水等。 中科蓝讯研发人员占比超过80%，团队具有丰富的芯片设计和应用开发经验。这些有信念、有梦想、有激情、有朝气的年轻人，屡创佳绩、捷报频传，为国内外客户提供了优质的产品和服务。 Website http://www.bluetrum.com/ Country 中国 Brand 中科蓝讯	
Chips Core Type Arm Cortex-M0+ Dimension UART Current Transceiver Compatible Intro Debugging DSP RAM Voice Services Crystal no Power fail no Wifi	

-
AoA/AoD
Operating Frequency [Max] (MHz)
SSI
Sensor Controller
Receiver Sensitivity
Upgrade Type
Manual
Package Type

-
DSP Technology
General
on chip (PLL)
no
I2S

Chip Name
Flash (kB)
I2C

-
Standby
Output Power
CPU Clock Speed
Pins
DSP Clock Speed

Features
802.15.4 (Zigbee, Thread)
crystal (optional)

no
PDM
LE Audio
Type
蓝牙低功耗
Bluetooth Version

I2S

no

Frequency Regulation

CPU Features

Pitch

on-chip RC

no

PWM

Brand

恩智浦

SRAM (kB)

Real-Time Clock

no

CPU Architecture

Channels

External clock

no

Protocols

-

RADIO

SAADC

Country

中国

EEPROM (kB)

Crypto Accelerator

Programmable channels

Watchdog timer

no

TWI

no

Bluetooth 5 PHYs

-

SPIM

NFC Tag

SPI

Public Key Hardware Accelerator

Fixed channels

QDEC

-

bluetooth 5.1 support

-

SPIS

CMP

Overview

GPIO

Accelerator

Channel groups

PDM

-

Security

TWIM

Features

CAN

True Random Number Generator

USB

no

TWIS

Block Diagram

CAN FD

Monitor

SPI

no

UARTE

RAM(KB)

Application Note

Human Machine Interface

-

Quad SPI

-

NFCT

Development Board

Security Modules

Debug interface

-

LDO

no

USBD

Datasheet

Timers [Number, bits]

no

On-chip VBUS

no

QSPI

PWM [Number, bits]

Image

Regulated supply for external components

-

ADC [Number, bits]

Price

0.00

DAC [Number, bits]

RMB

□

Supply Voltage [Min to Max] (V)

Rating

no 

Analog comp

no

Ambient Operating Temperature (Min to Max) (°C)

low-power comp

no

Cache

-

Junction Temperature (Min to Max) (°C)

Temperature sensor

no