

Manufacture

- Manufacture
- Chips

Manufacture Name

安凯微电子

Logo



Intro

成立于2000年，总部位于中国广州，是一家为物联网智能硬件提供核心芯片的芯片设计企业（Fabless IC Design House）。目前主要产品包括物联网摄像机核心芯片、蓝牙芯片以及应用处理器芯片，广泛应用于视频监控、蓝牙音频（音箱、耳机等）、指纹/人脸识别

Website

www.anyka.com

Country

china

Brand	Model	Year	Price	Features
Apple	iPhone 12	2020	\$699	5G, 6.1" display, 12MP camera
Samsung	Galaxy S21	2021	\$799	5G, 6.2" display, 108MP camera
Google	Pixel 4	2019	\$549	5G, 6.3" display, 10MP camera
Motorola	Moto Z3	2018	\$399	5G, 5.5" display, 12MP camera
OnePlus	8 Pro	2020	\$699	5G, 6.7" display, 108MP camera

安凯

Chips

Core Type

ARM926EJ-S

Dimension

UART

Current

Transceiver Compatible

Intro

Debugging

DSP RAM

Voice Services

Crystal

Power fail	
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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

AK10D

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

蓝牙双模

Bluetooth Version

5.0

I2S

no

Frequency Regulation

CPU Features

Pitch

on-chip RC

no

PWM

Brand

安凯

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

集成蓝牙收发器（射频电路+基带电路）、电源管理电路、音频ADC/DAC、USB2.0高速主从控制器、MMC/SD控制器以及其它丰富的功能模块和接口，具有很高的集成度

GPIO

Accelerator

Channel groups

PDM

-

Security

TWIM

Features

□支持蓝牙双模

□遵循蓝牙V5.0/V4.2/V3.0/V2.1+EDR协议

□语音编码：CVSD、A-law和μ-law

□支持自适应跳频技术（AFH）和更快的连接设置技术（FCS）

CAN

True Random Number Generator

USB

no

TWIS

Block Diagram

CAN FD

Monitor

SPI

no

UARTE

RAM(KB)

Application Note

Human Machine Interface

有

Quad SPI

-

NFCT

Development Board

Security Modules

Debug interface

-

LDO

no

USB D

Datasheet

Timers [Number, bits]

2 × 32-bit 16 MHz

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 5

Analog comp

no

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

low-power comp

no

Cache

-

Junction Temperature (Min to Max) (°C)

Temperature sensor

no