Telink TLSR9518A Dongle Generic Starter

Telink TLSR9518A Dongle Generic Starter Kit User Guide

Contents

Telink TLSR9518A Dongle Generic Starter Kit

Product Information

Specifications

- **Model**: TLSR9518A Dongle
- **Supported Standards**: Low Energy (LE), Indoor Positioning
- **Features**: High quality wearable device
- **Package Material List**: TLSRSOCSG80R-V1 Burning EVK for TLSR9518A, Dupontline

Product Usage Instructions

Product Introduction

The TLSR9518A Dongle is designed to support standards and industrial alliance specifications for low energy (LE) and indoor positioning. It combines the features and functions required for high-quality wearable devices into a single System-on-Chip (SoC).

General Introduction

The TLSR9518A supports standards and industrial alliance specifications for low energy (LE) and indoor positioning.

Material List

The package includes:

- TLSRSOCSG80R-V1 Burning EVK for TLSR9518A
- Dupontline

Core Board Introduction

Dongle Introduction

The TLSR9518A Dongle supports standards and industrial alliance specifications for low energy (LE) and indoor positioning. It combines the features and functions required for high-quality wearable devices into a single System-on-Chip (SoC).

POWER and SWS Connection

The POWER and SWS connections are as follows:

3V3	GND	SWM
3V3	GND	SWS

FAQ

Q: What standards does the TLSR9518A Dongle support?

A: The TLSR9518A Dongle supports low energy (LE) and indoor positioning standards.

Q: What features does the TLSR9518A Dongle have?

A: The TLSR9518A Dongle combines the features and functions required for high-quality wearable devices into a single System-on-Chip (SoC).

Q: What is included in the package?

A: The package includes the TLSRSOCSG80R-V1 Burning EVK for TLSR9518A and a Dupontline.

Product introduction

General introduction

The TLSR9518A supports standards and industrial alliance , low energy (LE), indoor positioning TheTLSR9518Acombinesthefeaturesandfunctionsneededforhighqualitywearable.

Package Materiallist

TLSRSOCSG80R-V1

Burning EVKfor TLSR9518A Including the Dupontline

Product Introduction – Continued

Material List – continued

Core Board Introduction

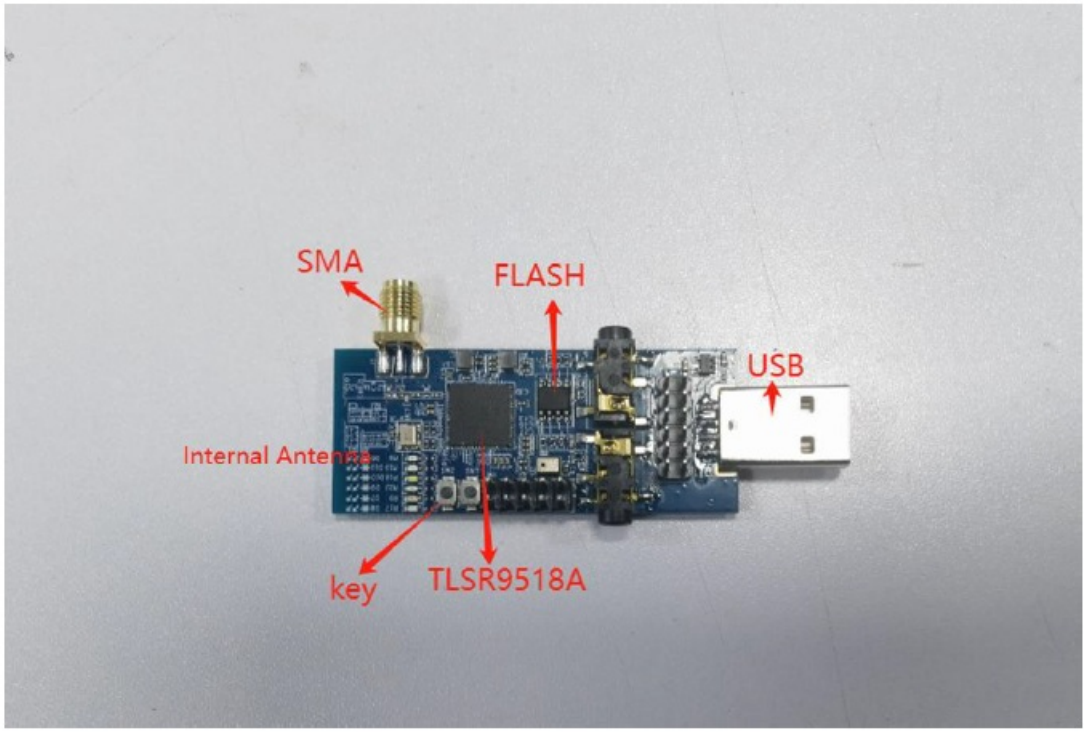
Dongle introduction

- The TLSR9518A supports standards and industrial alliance specifications , low energy (LE), indoor positioning, The TLSR9518A combines the features and functions needed for high quality wearable devices into a single System-on-Chip (SoC)2.
- The core board has the following characteristicsClock source of 24 MHz & 32.768 Hz Crystal and 32 kHz / 24 MHz embedd ed RC oscillator, among which the externa24MHz crystal is to calibrate internal 32 kHz clock, the internal 32 kHz oscillator is f or low precision application, the externa32.768 kHz crystal is for high precision

application Up to 48 GPIOs. All digital 10s can be used as GPIOS.Configurable toselect 2-wire SDP or 4-wire JTAG debug interface SPI/12C/UART with hardware flow contro l and 7816 protocol support

- This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: 1) this device may not cause harmful interference, and 2) this device must accept any interference received, including interference that may cause undesired operation. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try correct the interference by one or more of the following measures:
- Reorient the receiving antenna.
    - Increase the separation between the equipment and receiver.
    - Connect the equipment into and outlet on a circuit different from that to which the receiver is connected.
    - Consult the dealer or an experienced radio/TV technician for help.
- Changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

Core Board Introduction – Continued



POWER and SWS connection

3V3 / 3V3
GND / GND
SWM / SWS

Documents / Resources

	Telink TLSR9518A Dongle Generic Starter Kit [pdf] User Guide TLSR9518A Dongle Generic Starter Kit, TLSR9518A, Dongle Generic Starter Kit, Generic Starter Kit, Starter Kit

References

- User Manual