



# ***RT58x SDK Document***

## ***Quick Started***

### ***V1.0***

## **About this Document**

This document supports at least “**Rafael RT58x SDK v1.4.0**”. For any version older than v1.4.0, there is no guaranteed it can work properly.

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## Introduction

The purpose of this document is to help user to quick started SDK document.

# 1. Document Classification

## 1.1 Platform Document

1. RT58x\_SOC\_Platform\_Getting\_Started
2. RT58x\_SDK\_IOT\_Application\_Overview
3. VS\_Code\_User\_Setup\_Readme

## 1.2 Bootloader Document

1. RT58x\_ISP\_Tool\_User\_Guide  
File Path: \Tools\IOT\_Evaluation\_Tool\
2. Bootloader  
File Path: \Middleware\Bootloader\

## 1.3 BLE Document

1. RT58x\_BLE\_SDK\_User\_Guide
2. RT58x\_BLE\_SDK\_Application\_Guide
3. RT58x\_BLE\_SDK\_OTA\_Guide
4. RT58x\_BLE\_SDK\_Service\_Profile\_Guide

## 1.4 BLE Mesh Document

RT58x\_BLE\_Mesh\_SDK\_Application\_Guide

## 1.5 Zigbee Document

1. RT58x\_Zigbee\_SDK\_User\_Guide
2. RT58x\_Zigbee\_Application\_Guide
3. RT58x\_Zigbee\_Gateway\_Light\_Switch\_Operation\_Guide
4. RT58x\_Zigbee\_Gateway\_Command\_Manual
5. RT58x\_Easy\_Gateway\_Command\_Manual

## 1.6 Multi-Protocol Document

RT58x\_Multi\_Protocol\_Application\_Guide

## 1.7 Sub\_G Document

RT58x\_RF\_SubG\_User\_Guide

## 2. Document Classification Reference Question and Answer

### 2.1 How to burn bootloader

Reference ISP tool User Guide

### 2.2 How to install vs code and development GCC project

Reference RT58x\_SOC\_Platform\_Getting\_Started and VS\_Code\_User\_Setup\_Readme

### 2.3 EVK Button and ICE Connect Position

Reference RT58x\_SOC\_Platform\_Getting\_Started

### 2.4 MCU Memory Layout

Reference RT58x\_SDK\_IOT\_Application\_Overview

### 2.5 MCU Flash Algorithm File

Reference \Tools\Flash\_Programming\_Algorithm

### 2.6 BLE Application Quick Start

Reference RT58x\_BLE\_SDK\_Application\_Guide

### 2.7 Zigbee Application Quick Start

Reference RT58x\_Zigbee\_Application\_Guid

### 2.8 Calibration Tool

Reference \Tools\Mass\_Production\_Tool\RT58x\_MPTCB\_and\_MP\_Tool\_User\_Guide

## Revision History

Revision	Description	Owner	Date
1.0	Initial version.	Ives Lee	2023/05/22

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