

Renesas RA Family

FPB-RA6T3 Example Project Bundle

Introduction

This document describes the contents of Example Project Bundle for the FPB-RA6T3 kit. The Example Projects contained within the bundle provide example code for creating applications using various Renesas Flexible Software Package (FSP) modules supported by the FPB-RA6T3 kit.

Flexible Software Package is an optimized software package designed to provide easy to use, scalable, high quality software for embedded system design. The primary goal is to provide lightweight, efficient drivers that meet common use cases in embedded systems. FSP code quality is enforced by peer reviews, automated requirements-based testing, and automated static analysis. FSP provides uniform and intuitive APIs that are well documented. Each module is supported with detailed user documentation including example code. FSP modules can be used on any MCU in the RA family, provided the MCU has peripherals required by the module. FSP modules also have build time configurations that can be used to optimize the size of the module for the feature set required by the application.

Supported Kit

FPB-RA6T3

Supported FSP Version

FSP v 5.4.0 or later

Supported Toolchains

- e2studio Integrated Development Environment with GCC ARM embedded toolchain
- Keil MDK with ARM compiler toolchain
- IAR EWARM with IAR toolchain for ARM

Using the Example Projects

To use FPB-RA6T3 Example Projects follow the steps mentioned in [Example Project Usage Guide](#) and [e2studio AC6 Porting Guide](#)

List of Example Projects supported on different toolchains in the Bundle

FPB-RA6T3 Example Projects	e2Studio/GCC	e2Studio/AC6	Keil MDK	IAR
QuickStart	Supported	Supported via port from GCC		

Website and Support

Visit the following vanity URLs to learn about key elements of the RA family, download components and related documentation, and get support.

RA Product Information	www.renesas.com/ra
RA Product Support Forum	www.renesas.com/ra/forum
RA Flexible Software Package	www.renesas.com/FSP
Renesas Support	www.renesas.com/support

Revision History

Rev.	Date	Description	
		Page	Summary
1.00	Sep.10.24	—	First release document

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