

# RA2L1 GROUP CAPACITIVE TOUCH EVALUATION SYSTEM

Easily Evaluate Capacitive Touch Applications

RA2L1 Group Capacitive Touch Evaluation System is a solution kit that enables you to easily evaluate capacitive touch buttons, wheel and slider.

With this product and software that can be downloaded from the web, you can start evaluating capacitive touch using RA2L1 MCU immediately.



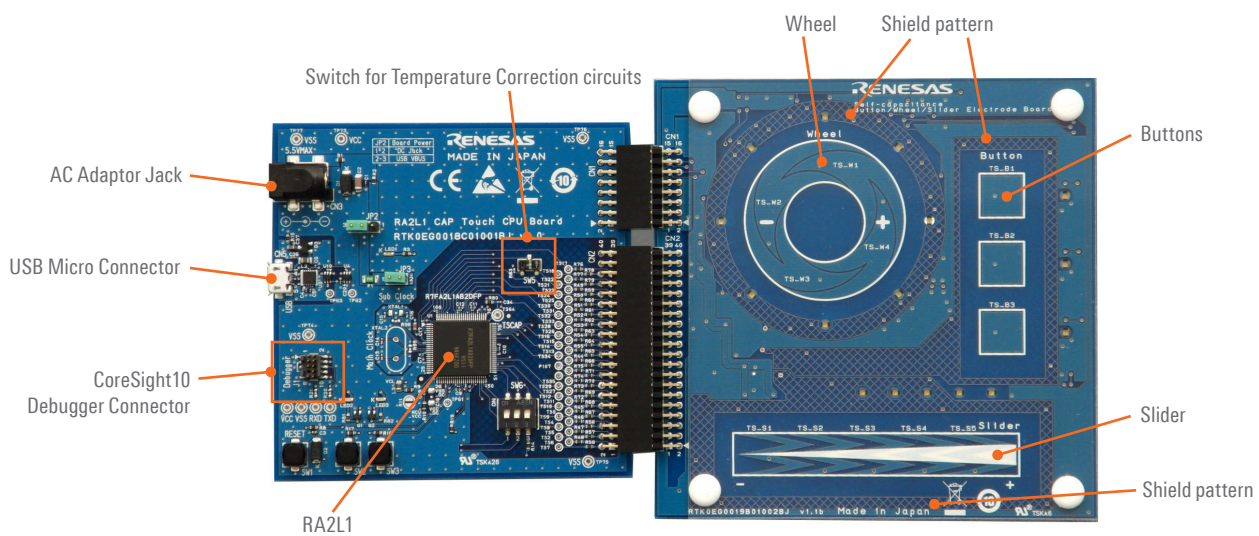
## Key Features

### ■ Specification and Function

- RA2L1 for capacitive touch switch control
- 3 kinds of self capacitive touch switch can be evaluate such as buttons, wheel and slider
- Shield pattern which can be switched shield electrode or GND level by software
- CoreSight10 debugger connector
- LED for touch switches, LED for general purpose
- Power supply can be selectable from AC adaptor and USB
- Application board (Electrode board) can be changed

### ■ Debug Tool

- Capacitive Touch Development Support Tool "QE for Capacitive Touch [RA]"



RA2L1 Group Capacitive Touch Evaluation System

# RENESAS EVALUATION KIT FOR RA2L1 MCU GROUP

## Applications

### Home Appliances

Washing Machine, Refrigerator, Air conditioner, Microwave Oven, Dishwasher, IH Cooker, Gas range, Water heater, Power tools



### Buildings & Industrial Automation

HVAC, Elevator HMI, Industrial equipment HMI, Building Automation HMI



## Useful Kit Resources

Visit the kit homepage <https://www.renesas.com/rssk-touch-ra2l1> to download:

- Quick Start Guide
- User's Manual
- Example Projects
- Design Package consisting of schematics, BOM, etc

## Ordering Information

- The kit is available for sale through leading distributors globally
- Product Name: **RA2L1 Group Capacitive Touch Evaluation System**
- Orderable Part Number: **RTK0EG0022S01001BJ**



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## Technical Support

- Ask questions, get answers from experts & collaborate with community on the RA Product Support Forum  
[www.renesas.com/ra/forum](http://www.renesas.com/ra/forum)

For more information about the Renesas RA MCU family, please visit:  
[www.renesas.com/ra](http://www.renesas.com/ra)



**renesas.com**

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