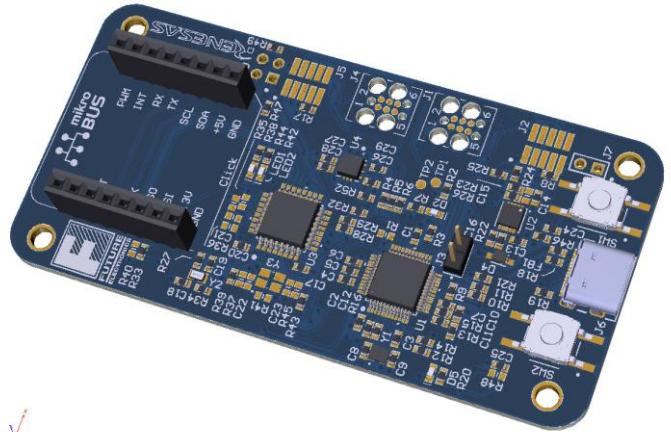


# Gizmo Development Board

## Overview

Gizmo ([FUT-REN-GIZMO](#)) is an easy-to-use development platform designed by Future Electronics to demonstrate Renesas RA0E1 MCU. It is a simple RA0E1 development board with built-in programmer (Renesas RA4 MCU) allowing programming via the USB interface. The Gizmo board can also function as an external programmer for RENESAS GreenPAK™ product family.

The Gizmo board also features Renesas' air quality sensor (ZMOD4410AI1R), enabling the monitoring and analysis of the air quality of surrounding environment.



Ordering Part Number:  
[FUT-REN-GIZMO](#)

## Features

- Renesas RA0E1 MCU ([R7FA0E1073CFJ](#))
- Renesas RA4 MCU ([R7FA4M2AD3CFL](#))
- Renesas air quality sensor ([ZMOD4410AI1R](#))
- Renesas voltage regulator ([ISL80102IR](#))
- Integrated J-Link
- Interface and Connectivity:
  - Two user buttons
  - USB Type-C
  - I<sup>2</sup>C/UART via mikroBUS™ Socket

## System Block Diagram

