

Renesas - R0K52472VSC000BE Starter Kit

Product Overview:

The Renesas Starter Kit for H8S/2472 is intended as a user-friendly introductory and evaluation tool for the H8S/2472 microcontroller. The board also provides a useful platform for evaluating the Renesas suite of development tools for coding and debugging, using High-performance Embedded Workshop as well as programming the device using E10A emulator.

The Renesas Starter Kit for H8S/2472 may be connected to the host PC using a simple RS232 serial connection or via the included USB E10A on chip debugging interface.

The purpose of the board is to enable the user to evaluate the capabilities of the device and its peripherals by giving the user a simple platform on which code can be run only minutes from opening box. It can also prove an invaluable tool in development by providing a useful test platform for code already debugged using one of our more powerful emulation tools



Kit Contents:

- CPU Board
- Detachable LCD Display Module
- Detachable AD Adjustment Shaft
- E10A-USB for Starter Kit
- Connection Cable (USB Cable, User Interface Cable)
- Multi region 5V power supply
- Quick Start Guide
- CD-ROM Containing:
 - Documents : User Manual, Tutorial, and more
 - IDE : High-performance Embedded Workshop

- C/C++ Compiler :
- Compiler Package for H8SX, H8S, H8 Families Evaluation Version
- Debugger: E10A-USB Emulator Debugger

Key Features:

- Microcontroller - R4F2472VBR34V
- Input Clock - Main: 8.5MHz, USB: 8MHz
- Potentiometer - Single Turn, 10KΩ
- LCD Interface USB connectivity
- RS232 Serial communication

Ordering Information:

Products:

Part Number	Manufacturer	Farnell P/N	Newark P/N
R0K52472VSC000BE	Renesas	1677727	40P3227

Associated Products:

Part Number	Manufacturer	Description	Farnell P/N	Newark P/N
R4F2472VBR34V	Renesas	16-Bit Microcontroller IC, H8S/2472	1677796	40P3228
HS0005KCU11H	Renesas	H-UDI interface on-chip debugging module	1677726	40P3071

Similar Products:

Part Number	Manufacturer	Description	Support Device	Farnell P/N	Newark P/N
BMSKTOPASA910(DCE)	Toshiba	EVALUATION BOARD KIT, TMP910 ARM 9	TMPA910CRAXBG	1626701	01P3316

DM163035	Microchip	PICDEM Lab Development Kit	PIC16F690/88/616, PIC12F615 and PIC10F206	1699835	92P7605
EZ430-RF2480	Texas Instruments	Z-Accel Demonstration Kit	CC2480	1573888	96M2752
R0K330290S001BE	Renesas	Starter Kit for M16C29	M30290FCHP	1677728	40P3209

Document List:

Datasheets:

Part Number	Description	Size
R4F2472VBR34V	Renesas 16-Bit Single-Chip Microcomputer	7.31MB

Application Notes:

File Name	Size
Example Boot loader with Xmodem Data Transfer	166KB
H8S/2400 Series Pulse Generation Example Using an 8-Bit Timer (TMR) Application Note	128KB
Direct Drive LCD Demo Application Note	450KB
H8S Family Application Note Using the HCAN (4): Standard Format 8 Bytes of Data with Priority	258KB

Other Resources:

File Name	Size
Renesas Starter Kit for H8S/2472 Quick Start Guide	275KB
Users Manual	554KB