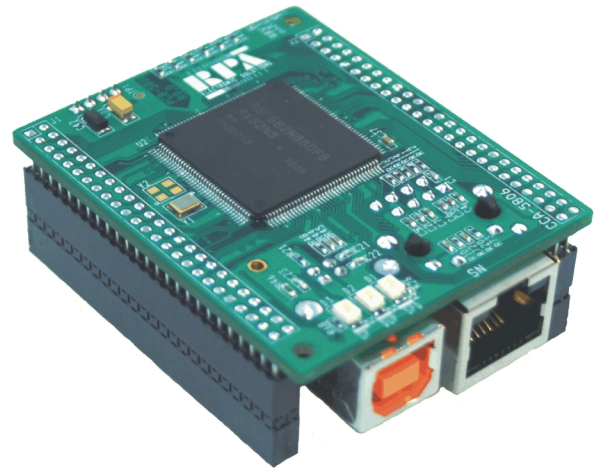


RX62Ncore Module

'Core' Product Series

RPA is proud to announce an exciting new addition to our 'core' module family of products: the RX62Ncore module. For more information on this or any of our products please visit our website or contact us (607) 771-0393.



Overview

The **RX62Ncore** module is designed around the Renesas high performance and highly integrated RX62N MCU. The **RX62Ncore** is ideally suited for product prototyping and integration into OEM devices where a flexible USB, Ethernet, CAN 2.0b and/or PC software interface is required. The **RX62Ncore** can easily be integrated to new designs to provide a turnkey integration solution. RPA saves you time and development costs by providing a well tested software interface and robust hardware drivers. And did we mention that our **RX62Ncore** is *tiny*?

The **RX62Ncore** module has the tools you need to jump start your embedded project. Features include Ethernet, USB2.0, expansion connectors and a broad range of peripherals including timers, real time clock, A-D and D-A converters, DMA controller and SDRAM interface. These are all routed to two 50-pin user-friendly I/O connectors which provides end users off-card access to the on-chip peripherals. In addition, all the supporting circuitry is included to free the designer to focus on other tasks at hand.

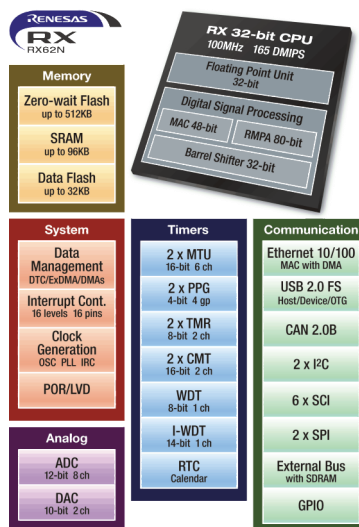
Features and Specifications

Module Features

Module size
Carrier Board Connector
Software

47mm x 57mm
(2) 50-pin I/O connectors
Host PC Ethernet and USB
drivers and examples
Program downloader
FreeRTOS w/API examples

Processor Features



Custom Module Options

- SD FLASH card socket
- ADC and DAC buffering and scaling
- I/O high current and/or voltage drivers
- Sensor interfaces

And many other options.....give us a call.

Applications

- Remote monitoring devices
- Web-enabled devices
- Device/data management and control
- Data Acquisition
- Industrial and Commercial products
- Battery powered devices
- HMI

Ordering Information

Part Number

RX62Ncore (call for pricing)

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