

TS-RX72M-COM Communication Kit

General-purpose microcomputer (RX72M) for industrial Ethernet communication, manufactured by Renesas Electronics Evaluation platform for software development and system development.

Features

- Communication evaluation of various industrial Networks is possible
- Evaluation of various interfaces is possible. (CAN, RS-485, I2C, SPI, UART(USB))



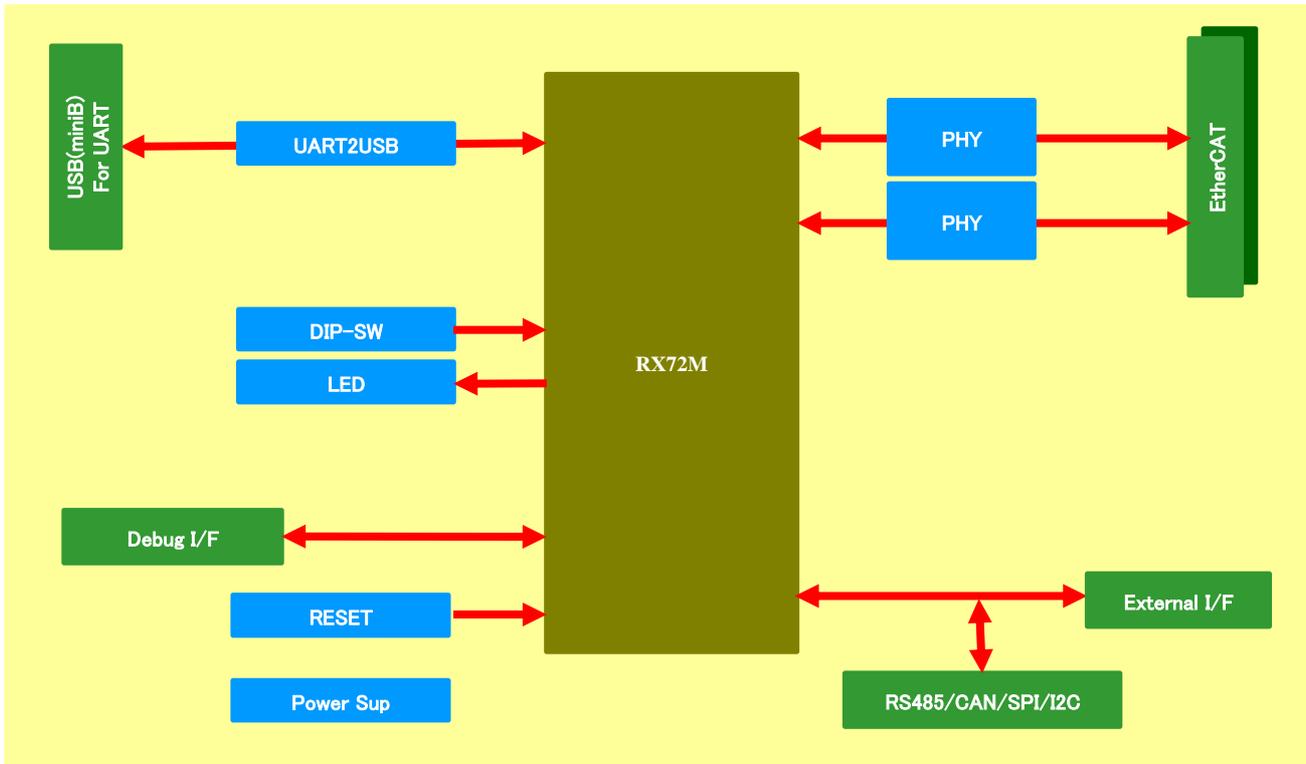
Specifications

List item	Spec
Product Name	TS-RX72M-COM
On-Board LSI	Renesas Electronics 「RX72M」 (注1) - RXv3 Core 240MHz - Register save bank - Single / Double-precision FPU - 32-bit external bus with SDRAM - Trigonometric function
Embedded memory	Code Flash memory : 4MB (Dual Bank function) Data Flash memory : 32KB SRAM : 1MB Standby RAM : 8KB ECC RAM : 32KB
Interface	RJ45, UART (USB)
Expansion interface (Connector not mounting)	RS-485, CAN, I2C, SPI
Debug interface	14-pin connector
Supported emulators	Renesas Electronics E2 / E2 Lite
Power supply	USB electricity supply 5.0V
Operating ambient temperature	0 ~ +50°C
Dimensions	90mm(W) × 52mm(D) × 17mm(H)

Note 1. For more details on the RX72M LSI, refer to the related documents available from Renesas Electronics.

-All the product name and the service names of these documents are a trademark vested in each owner or registered trademarks.

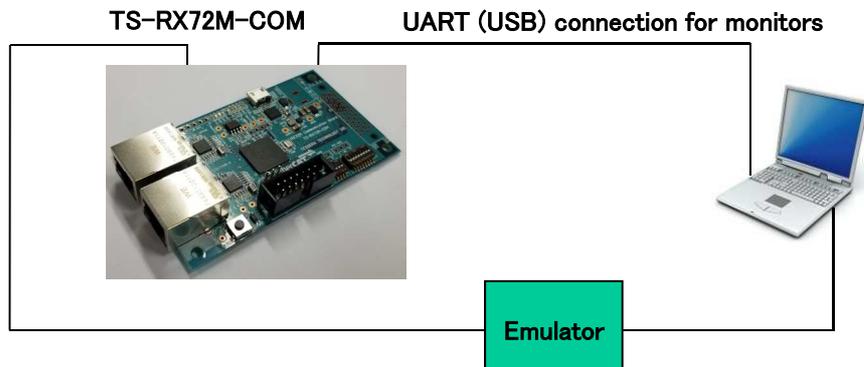
Board Configuration



Development Environment

- Software development connects an emulator and is possible by the sample software you can get than a web of Renesas electronics company

Manufacturer	Integrated development environment	Compiler / Debugger	Emulator
Renesas Electronics	e ² studio	GC-RX	E2/E2 Lite



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