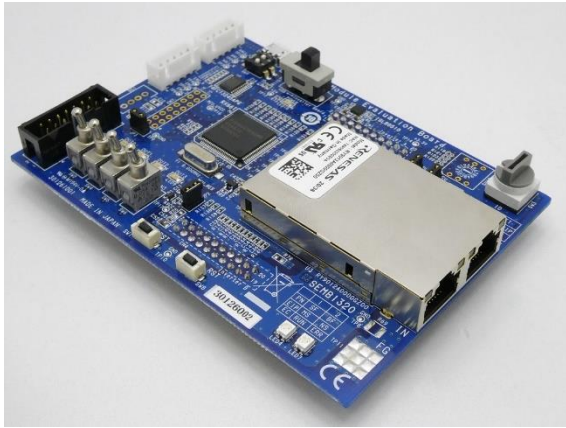


R-IN32M3 Module Eva Board (SEMB1320) **SHIMAFUJI**



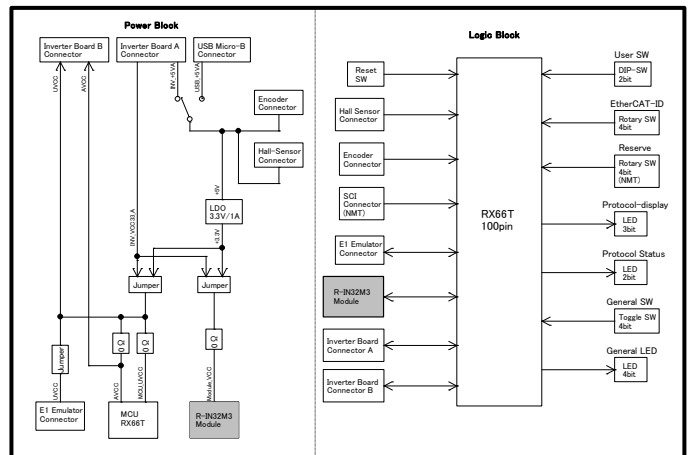
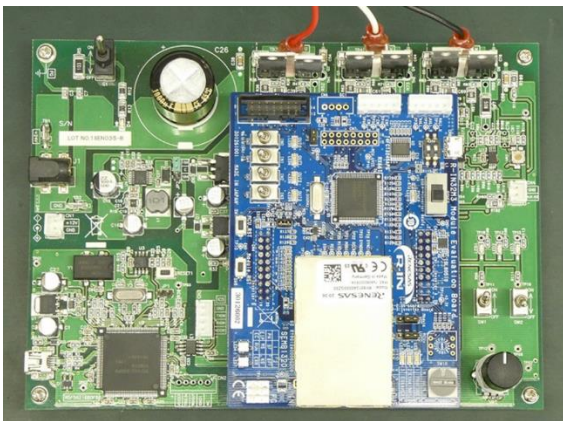
This product is an evaluation board, equipped with Renesas Electronics R-IN32M3 Module for industrial Ether Net.

This board embedded RX66T MCU and it can operate as single board or CPU cardboard on 24V Motor Control Evaluation System.

◆ SEMB1302 Specification

R-IN32M3 Module	P/N	RY9012A0
MCU	P/N	R5F566TKADFP
	Code flash memory	1MB
	RAM	128KB
	Data flash memory	32KB
MCU Input CLK	Oscillator	8MHz
Connector	USB Micro B	Power input only Data line is not connected
	JTAG	E1/E20/E2/E2 Lite emulator 2.54mm Pitch 14 Pin
	Inverter Board	CNA: 2.54mm Pitch 20 Pin CNB: 2.54mm Pitch 20 Pin
	Hall sensor	B5B-XH-A
	Encoder	B5B-XH-A
	SCI	B4B-XH-A (Not installed)
Switch	Power input switching	Slide Switch SPDT
	General	DIP SW 2bit Rotary SW Hexadecimal (not installed) Toggle switch 4bit
	EtherCAT ID setting	Rotary switch Hexadecimal
	CPU Reset	Push switch 1bit
	R-IN32M3 Module Reset	Push switch 1bit
	LED	5V power
General		Green 4bit
Display protocol		Green 3bit
Protocol Status		Bi-Color(2bit) x 2
Pin header for external		2.54 pitch 16 Pins (Not installed)
Current	Motor Control	60mA typ.
	Ether	260mA typ.
Power	Input voltage	DC5V (supplied from USB Micro B or inverter board) or DC3.3V (supplied from the inverter board)
Operating Temperature		0°C - 45°C
Board size		80mm × 110mm t = 1.6mm

◆ SEMB1302 Block diagram



SP30EA001E

The contents of this material might change without notification.

SHIMAFUJI Electric Inc.
6-36-11, Nishikamata, Ota-ku, Tokyo,
144-0051, Japan

TEL : 03-3733-8308
E-mail : info@shimafuji.co.jp
URL : http://www.shimafuji.co.jp

