

[New Release]

R20TS0817EJ0100

Rev.1.00

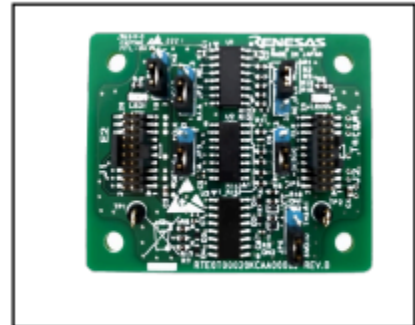
Isolator for the E2 Emulator (E2 emulator Lite) of RA/RE

Jan. 16, 2022

Outline

Isolator for the E2 Emulator (E2 emulator Lite) of RA/RE has been released.

Enables debugging in an environment where there is a difference in potential between the user system GND and the host PC GND with E2 Emulator or E2 Emulator Lite (\*1) for the RA family or the RE family.



(\*): E2 Emulator Lite is not support RE family.

1. Specifications

The specifications are shown in the table below.

Item	Specification	Remarks
Target emulator	1) E2 Emulator 2) E2 emulator Lite	
Power	Requires both of the following two power supplies 1) Supply from the user system. (U_VCC). Voltage: 3.0 V to 5.5 V 2) Supply from the emulator's power supply facility Voltage: 3.3 V	Supply from the user system (U_VCC) needs to be 100 mA (max).
Acceptable GND gap voltage	Less than 42.4 VAC or 60 VDC	
Device for isolation	ACSL-6420-00TE (AVAGO) IL260-3E, IL261-3E (NVE)	
LED indication	LED1: Illuminated when power is supplied from the emulator LED2: Illuminated when power is supplied from the user system	This isolator is only usable when both LEDs are illuminated.

2. Support Devices

- RA family
- RE family

### 3. Package Components

The table below shows the contents of the package components.

Item	Description	Qty.
RTE0T00020KCAA0000J	Isolator for the E2 Emulator (E2 emulator Lite) of RA/RE	1
RTE0T00020KCAC0000J	User interface cable (ARM20P-20Pcable)	1
709441800(Wurth Elektronik)	Nylon Spacer	4
R20UT5065JJ0100	Japanese User's Manual	1
R20UT5065EJ0100	English User's Manual	1
LLWEB-10018513	List of hazardous toxic substances or elements	1

### 4. Purchasing the Product

For product ordering, contact your local Renesas Electronics marketing office or distributor with the following information.

For product pricing, make inquiries in the same manner.

Product name	Isolator for the E2 Emulator (E2 emulator Lite) of RA/RE
Orderable part name	RTE0T00020KCAA0000J

**Revision History**

Rev.	Date	Description	
		Page	Summary
1.00	Jan.16.22	-	First edition issued

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