

R0E000200CKA00

REJ10J2124-0100

Rev.1.00

38-Pin to 14-Pin Conversion Adapter for the E20 Emulator

Apr. 01, 2010

1. Outline

The R0E000200CKA00 adapter is used to connect the 38-pin 0.5-mm pitch connector on the head of the E20-specific user-system interface cable to 14-pin 2.54-mm pitch connectors. Using this conversion adapter allows connection of the E20 even if your system only has the 14-pin connector for the E1.

2. Package Components

Before using this product, confirm that the R0E000200CKA00 package contains the following items.

- (1) R0E000200CKA00 conversion adapter 1 pc.
- (2) R0E000200CKA00 user's manual (this document)

3. Specifications

Table 1 Specifications

Item	Description
Upper connector (CN1)	2-5767004-2 (manufactured by Tyco Electronics Corporation)
	Guaranteed number of times for insertion and removal: 50
Lower connector (CN2)	XG4H-1431 (manufactured by OMRON Corporation)
	Guaranteed number of times for insertion and removal: 50

4. Usage (See Figure 2)

The R0E000200CKA00 is connected between the 38-pin connector on the head of the user-system interface cable (for the E20) and a 14-pin connector on the user system as shown in figure 2.

5. Restrictions

Trace signals will not be connected if you are using the R0E000200CKA00, so the following functions specific to the E20 are not available.

- (1) External trace output (but internal tracing is available)
- (2) Realtime RAM monitoring



Figure 1 External View of the R0E000200CKA00

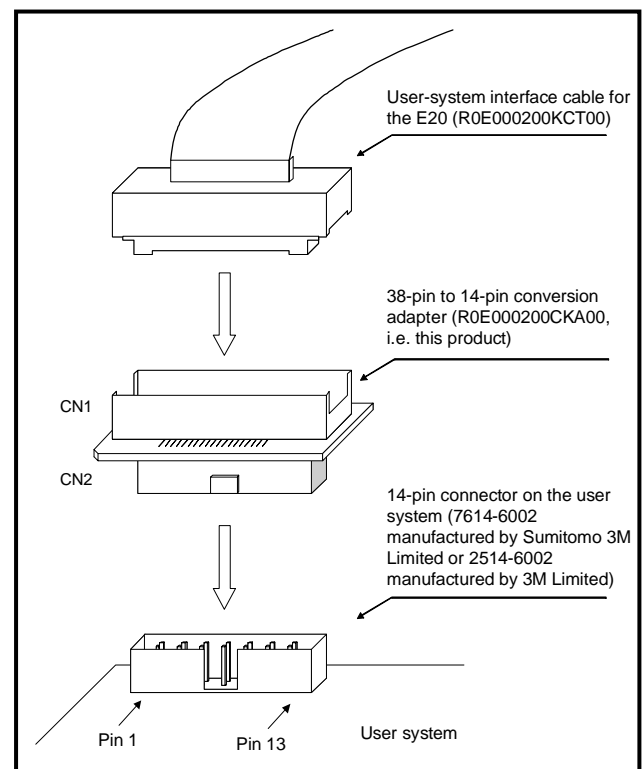


Figure 2 Usage of the R0E000200CKA00

6. Precautions

IMPORTANT

Notes on This Product:

- We cannot accept any requests for repairs.
- For inquiries about the product or the contents of this manual, contact your local distributor.
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7. Correspondence between Pins of CN1 and CN2

Table 2 Correspondence between Pins

CN1 Pin No.	CN2 Pin No.	CN1 Pin No.	CN2 Pin No.	CN1 Pin No.	CN2 Pin No.
1	6	15	1	29	—
2	10	16	—	30	—
3	4	17	9	31	—
4	—	18	—	32	—
5	14	19	11	33	—
6	—	20	—	34	—
7	—	21	3	35	—
8	7	22	—	36	—
9	13	23	—	37	—
10	—	24	—	38	—
11	5	25	—	GND bus lead	2, 12
12	—	26	—		
13	—	27	—		
14	8	28	—		

Note: '—' indicates that the pin is not used.

8. Preparations

Figure 3 shows the limit on the heights of components mounted around the connector on the user system. Take this limit into account when designing your own system.

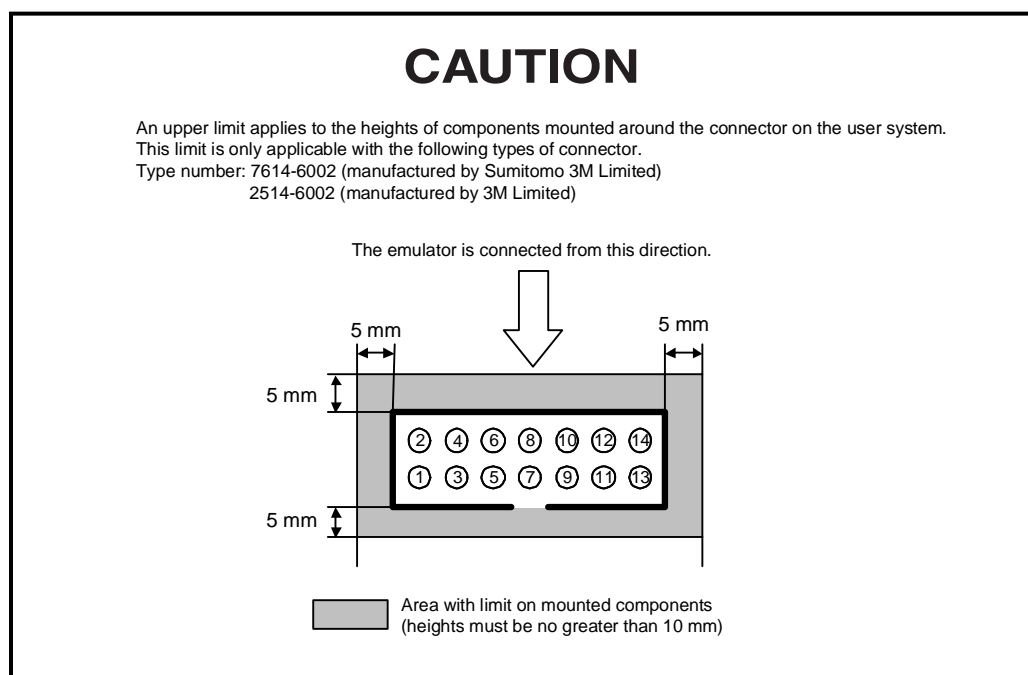


Figure 3 Limit on Height of Components Mounted on the User System

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- WEEE Directive (2002/96/EC)



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Renesas Electronics America Inc.
2880 Scott Boulevard Santa Clara, CA 95050-2554, U.S.A.
Tel: +1-408-588-6000, Fax: +1-408-588-6130

Renesas Electronics Canada Limited
1101 Nicholson Road, Newmarket, Ontario L3Y 9C3, Canada
Tel: +1-905-898-5441, Fax: +1-905-898-3220

Renesas Electronics Europe Limited
Dukes Meadow, Millboard Road, Bourne End, Buckinghamshire, SL8 5FH, U.K.
Tel: +44-1628-585-100, Fax: +44-1628-585-900

Renesas Electronics Europe GmbH
Arcadiastrasse 10, 40472 Düsseldorf, Germany
Tel: +49-211-65030, Fax: +49-211-6503-1327

Renesas Electronics (China) Co., Ltd.
7th Floor, Quantum Plaza, No.27 ZhiChunLu Haidian District, Beijing 100083, P.R.China
Tel: +86-10-8235-1155, Fax: +86-10-8235-7679

Renesas Electronics (Shanghai) Co., Ltd.
Unit 204, 205, AZIA Center, No.1233 Lujiiazui Ring Rd., Pudong District, Shanghai 200120, China
Tel: +86-21-5877-1818, Fax: +86-21-6887-7858 / -7898

Renesas Electronics Hong Kong Limited
Unit 1601-1613, 16/F, Tower 2, Grand Century Place, 193 Prince Edward Road West, Mongkok, Kowloon, Hong Kong
Tel: +852-2886-9318, Fax: +852 2886-9022/9044

Renesas Electronics Taiwan Co., Ltd.
7F, No. 363 Fu Shing North Road Taipei, Taiwan
Tel: +886-2-8175-9600, Fax: +886 2-8175-9670

Renesas Electronics Singapore Pte. Ltd.
1 harbourFront Avenue, #06-10, keppell Bay Tower, Singapore 098632
Tel: +65-6213-0200, Fax: +65-6278-8001

Renesas Electronics Malaysia Sdn.Bhd.
Unit 906, Block B, Menara Amcorp, Amcorp Trade Centre, No. 18, Jln Persiaran Barat, 46050 Petaling Jaya, Selangor Darul Ehsan, Malaysia
Tel: +60-3-7955-9390, Fax: +60-3-7955-9510

Renesas Electronics Korea Co., Ltd.
11F, Samik Laviel' or Bldg., 720-2 Yeoksam-Dong, Kangnam-Ku, Seoul 135-080, Korea
Tel: +82-2-558-3737, Fax: +82-2-558-5141



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