

# 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. 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

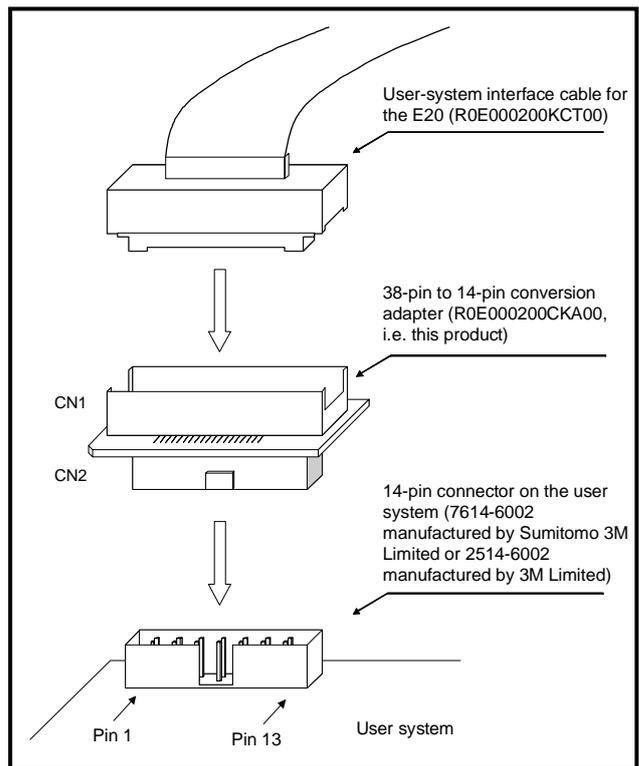


Figure 2 Usage of the R0E000200CKA00

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.

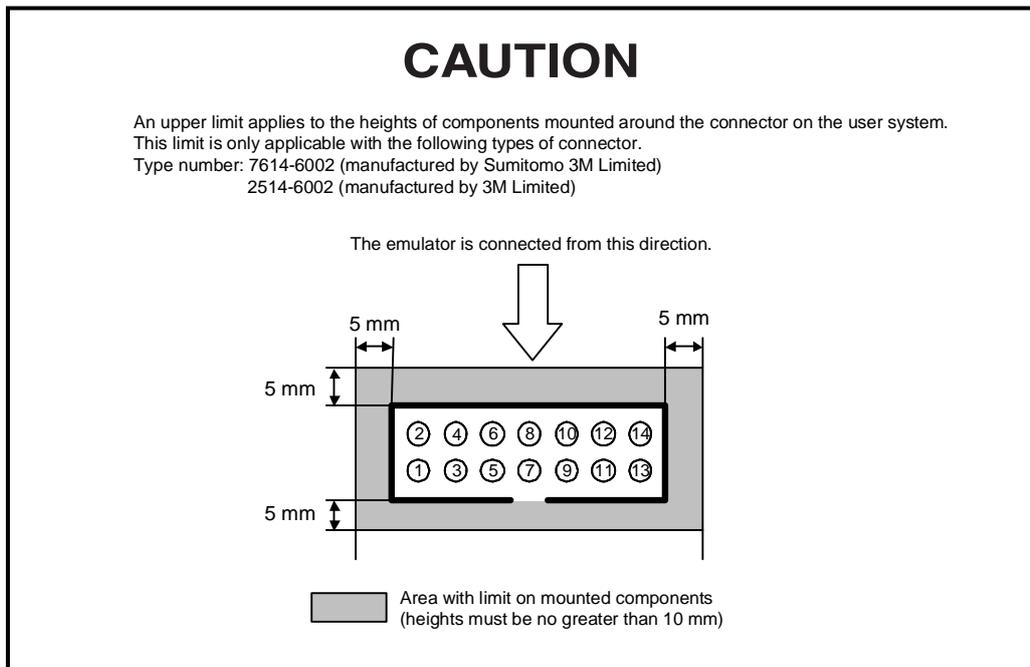


Figure 3 Limit on Height of Components Mounted on the User System

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European Union regulatory notices

Environmental Compliance and Certifications:

- WEEE Directive (2002/96/EC)



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