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April 1st, 2010
Renesas Electronics Corporation

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M34553T-PTCA

50-pin Narrow-Pitch Connector Converter Board for 4553 and 4556 Groups

User's Manual

Keep safety first in your circuit designs!

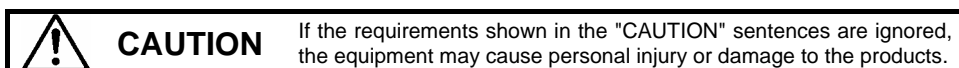
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1. Outline

The M34553T-PTCA is a converter board for connecting the 50-conductor standard-pitch pins of the M34552T2-CPE main unit to a 50-conductor narrow-pitch connector.

2. Components (See Figure 1)

- (1) M34553T-PTCA converter board x 1

3. Specifications

Table 1 Specifications

Insertion/removal iterations of connector	20 times
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4. Usage (See Figure 2)

Connect the M34553T-PTCA to the M34552T2-CPE. Then, you can connect the M34553T-PTCB or M3T-SSOP42B-450 to the 50-pin narrow-pitch connector of the M34553T-PTCA.

Before using the M34553T-PTCA, read “7. Precautions” on page 4.

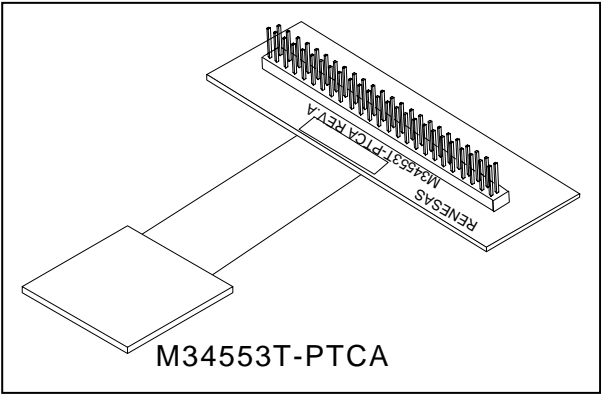


Figure 1 Package Components

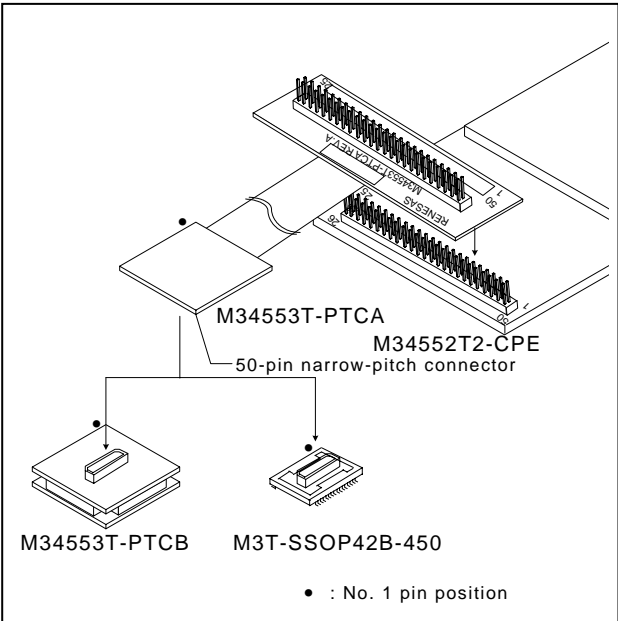


Figure 2 Usage of the M34553T-PTCA

5. Connection Procedure (See Figure 3)

1. Attach the M34553T-PTCA to the compact emulator main unit.
2. For details on connecting the 50-pin narrow-pitch connector of the M34553T-PTCA, see the user's manual of each accessory product.

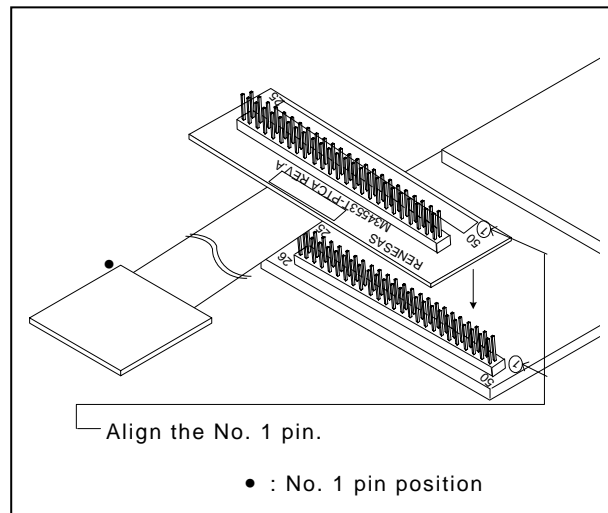


Figure 3 Connection procedure of the M34553T-PTCA

6. External Dimensions

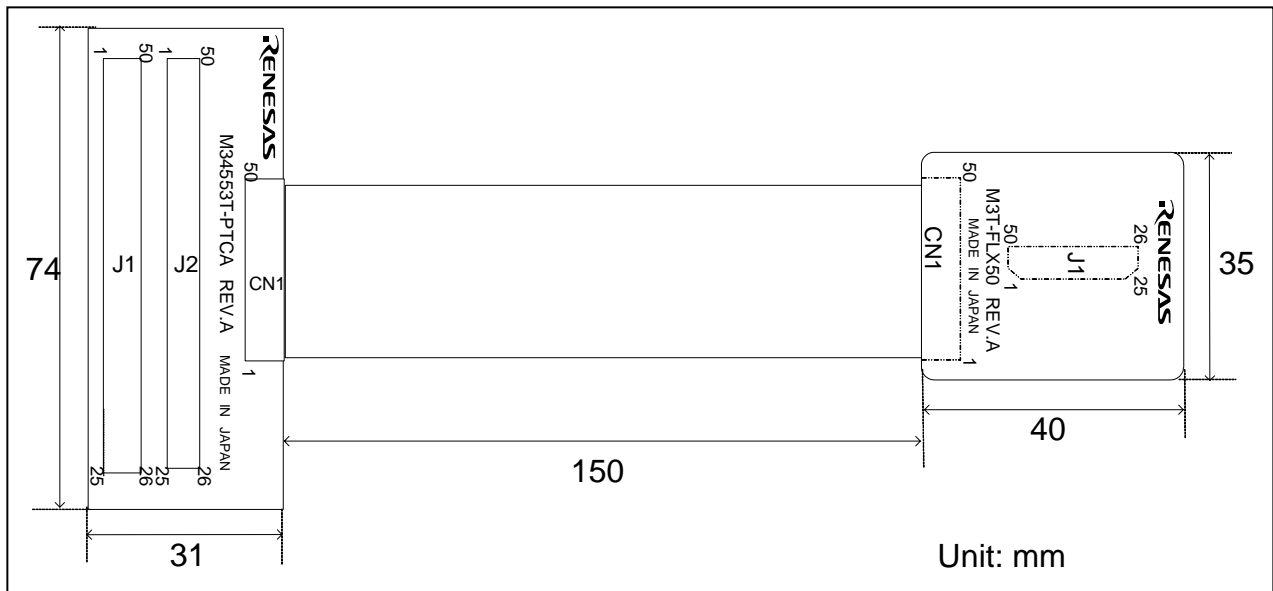


Figure 4 External dimensions

7. Precautions

CAUTION

Cautions to Be Taken for Handling This Product:



- Be sure to align the pins when connecting the M34553T-PTCA.
- Do not apply excessive stress to the M34553T-PTCA main unit.

IMPORTANT

Regarding This Product:

- We cannot accept any request for repair.
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8. Correspondence of Connectors J1, J2

Table 2 lists the correspondence of the M34553T-PTCA and connectors J1, J2.

Table 2 Correspondence of the M34553T-PTCA and connectors J1, J2

M34553T-PTCA board standard-pitch connectors J1, J2	M3T-FLX50 board 50-pin narrow-pitch connector J1	M34553T-PTCA board standard-pitch connectors J1, J2	M3T-FLX50 board 50-pin narrow-pitch connector J1
1	30	26	26
2	31	27	8
3	32	28	9
4	33	29	10
5	34	30	11
6	35	31	12
7	36	32	13
8	37	33	14
9	38	34	15
10	39	35	16
11	40	36	17
12	41	37	18
13	42	38	19
14	43	39	20
15	44	40	21
16	45	41	22
17	46	42	23
18	47	43	24
19	48	44	1
20	3	45	2
21	4	46	49
22	5	47	50
23	6	48	27
24	7	49	28
25	25	50	29