

To our customers,

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## Old Company Name in Catalogs and Other Documents

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Renesas Electronics website: <http://www.renesas.com>

April 1<sup>st</sup>, 2010  
Renesas Electronics Corporation

Issued by: Renesas Electronics Corporation (<http://www.renesas.com>)

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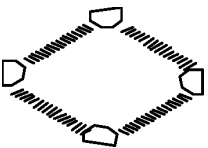


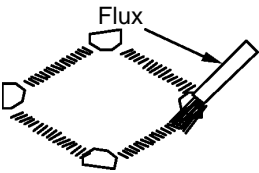
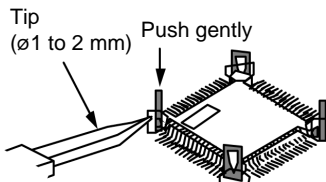
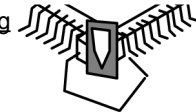
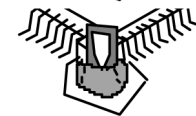
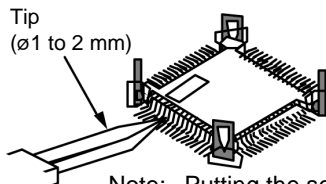
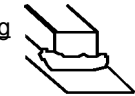

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(Note 2) “Renesas Electronics product(s)” means any product developed or manufactured by or for Renesas Electronics.

## Read This First

### Mounting the Socket Included with the M3T-DUMMY64

Mount the socket following the procedure below.

Procedure			Checkpoints
1	Preliminary soldering	 <p>(1) Apply preliminary solder 0.2 to 0.3 mm in thickness to the foot patterns for the holders at the four corners.</p>	<p><u>Wrong</u></p>  <p><u>Right</u></p>  <p>(1) Make certain that no excessive preliminary solder has been applied.</p>
2	Applying flux	 <p>(1) Apply flux to the foot patterns.</p>	<p>(1) Be careful not to apply excessive flux.                  (2) Be careful that the flux does not stick to the electrode contacts in aligning the socket's body.</p>
3	Soldering holders	 <p>(1) Align the socket's body. Do not touch the holders' bottoms.                  (2) Set the tip temperature of the soldering iron from 300 to 320°C.                  (3) Heat the foot patterns on the holder with the soldering iron while gently pressing the holders with tweezers.                  (4) Similarly carry out soldering at the other corners.</p>	<p><u>Wrong</u></p>  <p><u>Right</u></p>  <p>(1) Be careful not to make the solder thick at the holders' bottoms.                  (2) Make certain that solder fillets have been formed around the holders' bottoms after having soldered the holders at the four corners.                  (3) If solder fillets have not been formed around the holders' bottoms, add solder to form adequate fillets.</p>
4	Soldering IC socket leads	 <p>(1) Set the tip temperature of the soldering iron from 300 to 320°C.                  (2) Heat the foot patterns with the soldering iron, melt the solder, and solder them. Take 1 to 2 seconds as a guide.</p> <p>Note: Putting the soldering iron directly to the leads of the socket's body causes the contacts to displace, so be careful.</p>	<p><u>Wrong</u></p>  <p><u>Right</u></p>  <p>(1) Make certain that solder fillets have been formed around the leads of the socket's body after having soldered the leads of the socket's body.                  (2) If solder fillets have not been formed around the leads of the socket's body, add solder to form adequate fillets.</p>

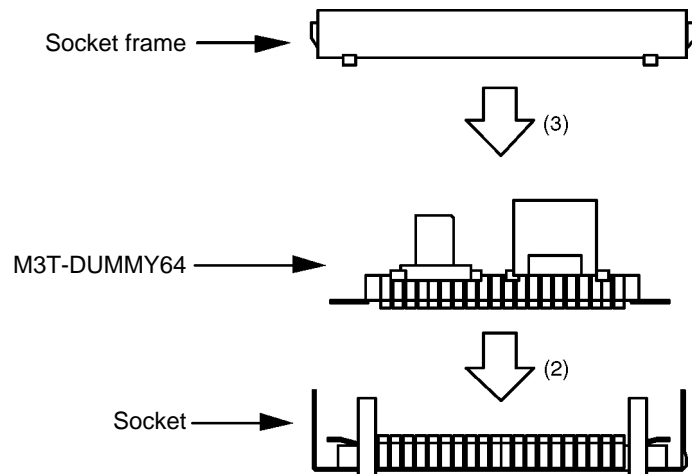
## Notes on Handling the M3T-DUMMY64

Mount the M3T-DUMMY64 following the procedure below.

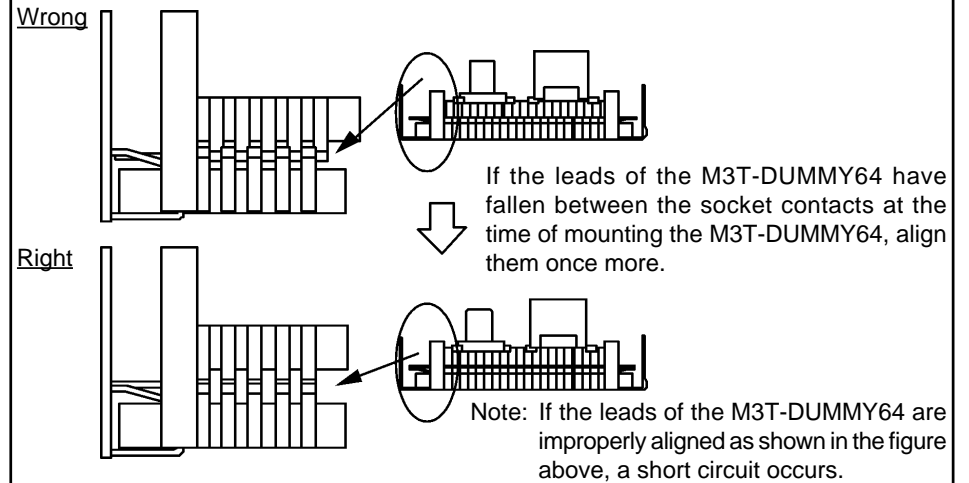
### IMPORTANT

- (1) Mount the M3T-DUMMY64 when the power is not supplied.
- (2) There can be instances in which the leads of the M3T-DUMMY64 fall between the socket contacts at the time of mounting the M3T-DUMMY64. Make absolutely certain that the leads of the M3T-DUMMY64 have been securely aligned with the socket contacts.
- (3) Place the socket frame.
- (4) Make absolutely certain that the leads of the M3T-DUMMY64 have not fallen between the socket contacts.
- (5) Turn the power on.

### Mounting Procedure



### CAUTION



### CAUTION

