

To our customers,

Old Company Name in Catalogs and Other Documents

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

April 1st, 2010
Renesas Electronics Corporation

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

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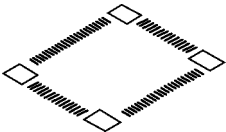


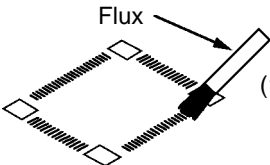
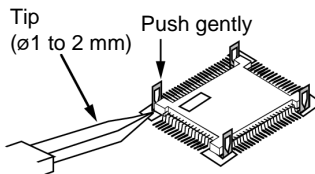
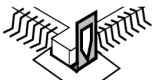
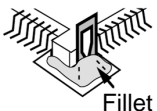
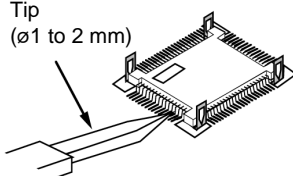

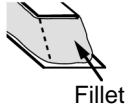
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(Note 2) “Renesas Electronics product(s)” means any product developed or manufactured by or for Renesas Electronics.

Read This Before Using the M3T-DUMMY100S

Mounting the Socket Included with the M3T-DUMMY100S

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>  Solder Pad</p> <p>(1) Make certain that no excessive preliminary solder has been applied.</p> <p><u>Right</u>  Solder Pad</p>
2	Applying flux	 <p>(1) Apply flux to the foot patterns.</p>	<p>(1) Be careful not to apply excessive flux.</p> <p>(2) Be careful that the flux doesn't stick to the electrode contacts in aligning the socket's body.</p>
3	Soldering holders	 <p>(1) Align the socket's body. Don't touch the holders' bottoms.</p> <p>(2) Set the tip temperature of the soldering iron from 300 to 320°C.</p> <p>(3) Heat the foot patterns on the holder with the soldering iron while gently pressing the holders with tweezers.</p> <p>(4) Similarly carry out soldering at the other corners.</p>	<p><u>Wrong</u> </p> <p>(1) Be careful not to make the solder thick at the holders' bottoms.</p> <p>(2) Make certain that solder fillets have been formed around the holders' bottoms after having soldered the holders at the four corners.</p> <p><u>Right</u>  Fillet</p> <p>(3) If solder fillets haven't 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.</p> <p>(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>(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.</p> <p><u>Right</u>  Fillet</p> <p>(2) If solder fillets haven't been formed around the leads of the socket's body, add solder to form adequate fillets.</p>

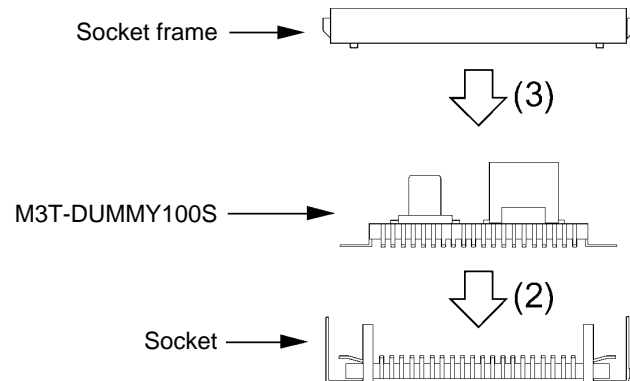
Notes on Handling the M3T-DUMMY100S

Mount the socket following the procedure below.

IMPORTANT

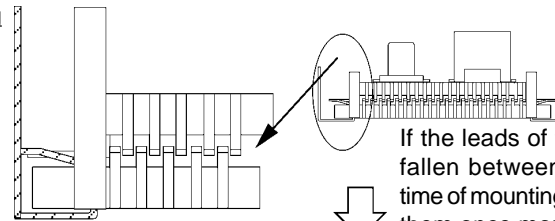
- (1) Mount the M3T-DUMMY100S while the power is not supplied.
- (2) There can be instances in which the leads of the M3T-DUMMY100S fall between the socket contacts at the time of mounting the M3T-DUMMY100S. Make absolutely certain that the leads of the M3T-DUMMY100S have been securely aligned with the socket contacts.
- (3) Place the socket frame.
- (4) Make absolutely certain that the leads of the M3T-DUMMY100S have not fallen between the socket contacts.
- (5) Turn the power on.

Mounting Procedure



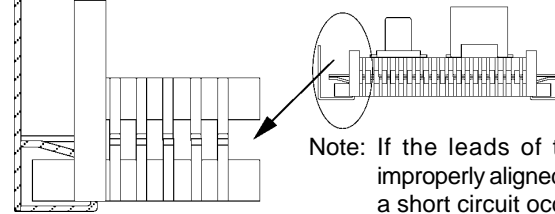
CAUTION

Wrong



If the leads of the M3T-DUMMY100S have fallen between the socket contacts at the time of mounting the M3T-DUMMY100S, align them once more.

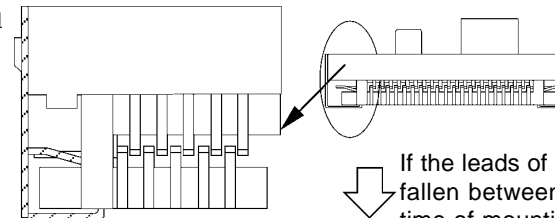
Right



Note: If the leads of the M3T-DUMMY100S are improperly aligned as shown in the figure above, a short circuit occurs.

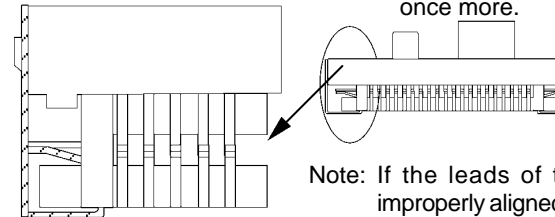
CAUTION

Wrong



If the leads of the M3T-DUMMY100S have fallen between the socket contacts at the time of mounting socket frame, align them once more.

Right



Note: If the leads of the M3T-DUMMY100S are improperly aligned as shown in the figure above, a short circuit occurs.