

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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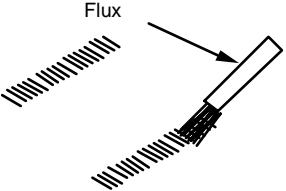
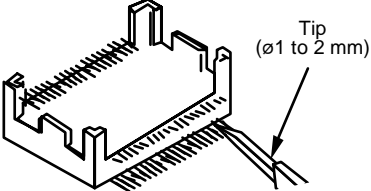

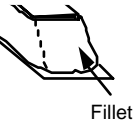
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(Note 2) “Renesas Electronics product(s)” means any product developed or manufactured by or for Renesas Electronics.

Read This First.

## Mounting the Socket Included with the M3T-SSOP36B-450

Mount the socket following the procedure below.

		Procedure	Checkpoints
1	Applying flux	 <p style="margin-left: 40px;">(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>
2	Soldering IC socket leads	 <p style="margin-left: 40px;">(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 style="margin-left: 40px;">Note: Putting the soldering iron directly to the leads of the socket's body causes the contacts to displace, so be careful.</p>	<div style="display: flex; flex-direction: column; align-items: flex-start;"> <div style="margin-bottom: 20px;"> <p><u>Wrong</u></p>  </div> <div> <p><u>Right</u></p>  <p style="text-align: center;">Fillet</p> </div> </div> <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-SSOP36B-450

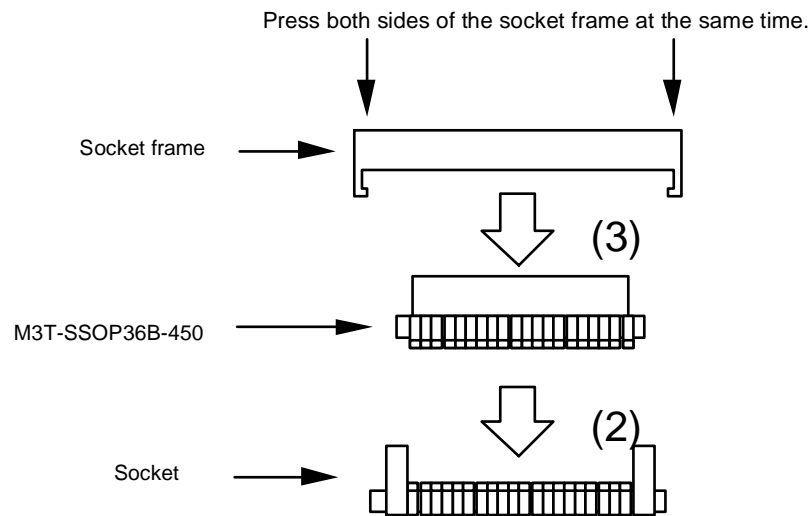
Mount the M3T-SSOP36B-450 following the procedure below.

## IMPORTANT

- (1) Mount the M3T-SSOP36B-450 while the power is not supplied.
- (2) When mounting the M3T-SSOP36B-450, position it so that the leads of the M3T-SSOP36B-450 will align with the socket contacts.
- (3) Mount the socket frame. Press both ends of the socket frame at the same time so that arms in every parts will simultaneously be aligned with the main body.
- (4) Make absolutely certain that the leads of the M3T-SSOP36B-450 have been aligned with the socket contacts.
- (5) Turn on the power.

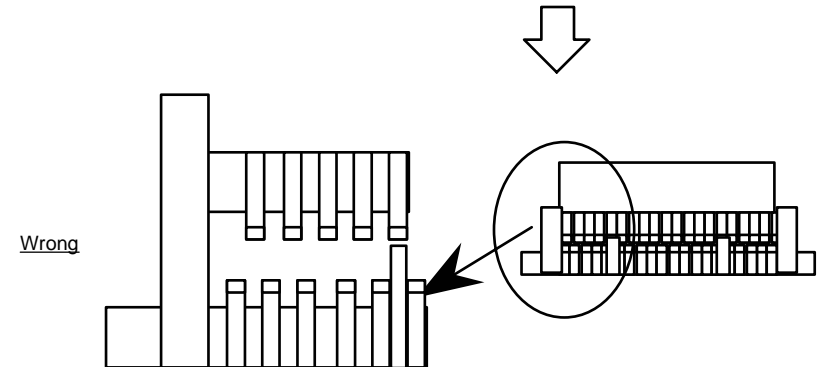
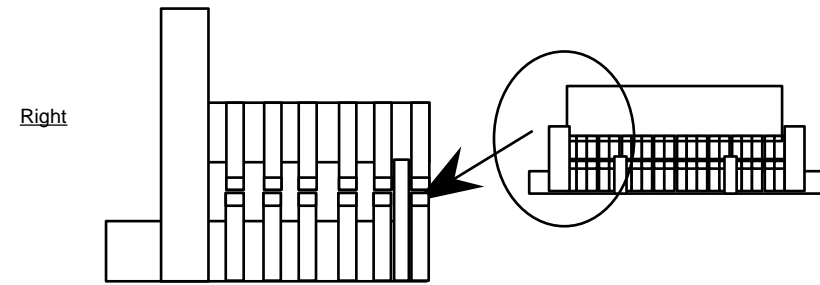
## Mounting Procedure

- Set the socket frame so that arms in every part will equally be aligned with the main body.



## CAUTION

- When mounting the M3T-SSOP36B-450, position it so that the leads of the M3T-SSOP36B-450 will align with the socket contacts.



- Mounting the socket frame under the situation "Wrong" causes the leads of the M3T-SSOP36B-450 to deform.

