

To our customers,

Old Company Name in Catalogs and Other Documents

On April 1st, 2010, NEC Electronics Corporation merged with Renesas Technology Corporation, and Renesas Electronics Corporation took over all the business of both companies. Therefore, although the old company name remains in this document, it is a valid Renesas Electronics document. We appreciate your understanding.

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



To all our customers

Regarding the change of names mentioned in the document, such as Mitsubishi Electric and Mitsubishi XX, to Renesas Technology Corp.

The semiconductor operations of Hitachi and Mitsubishi Electric were transferred to Renesas Technology Corporation on April 1st 2003. These operations include microcomputer, logic, analog and discrete devices, and memory chips other than DRAMs (flash memory, SRAMs etc.) Accordingly, although Mitsubishi Electric, Mitsubishi Electric Corporation, Mitsubishi Semiconductors, and other Mitsubishi brand names are mentioned in the document, these names have in fact all been changed to Renesas Technology Corp. Thank you for your understanding. Except for our corporate trademark, logo and corporate statement, no changes whatsoever have been made to the contents of the document, and these changes do not constitute any alteration to the contents of the document itself.

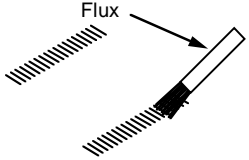
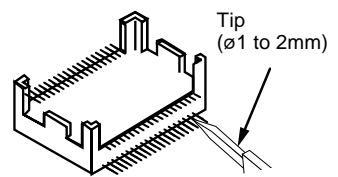
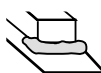
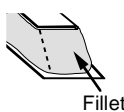
Note : Mitsubishi Electric will continue the business operations of high frequency & optical devices and power devices.

Renesas Technology Corp.
Customer Support Dept.
April 1, 2003

Read This First

Mounting the Socket Included with SSOP42B-450

Mount the socket following the procedure below.

| | | Procedure | Checkpoints |
|---|---------------------------|---|--|
| 1 | 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 doesn't stick to the electrode contacts in aligning the socket's body.</p> |
| 2 | Soldering IC socket leads |  <p>Tip (ø1 to 2mm)</p> <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>Fillet</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 haven't been formed around the leads of the socket's body, add solder to form adequate fillets.</p> |

Note on Handling SSOP42B-450

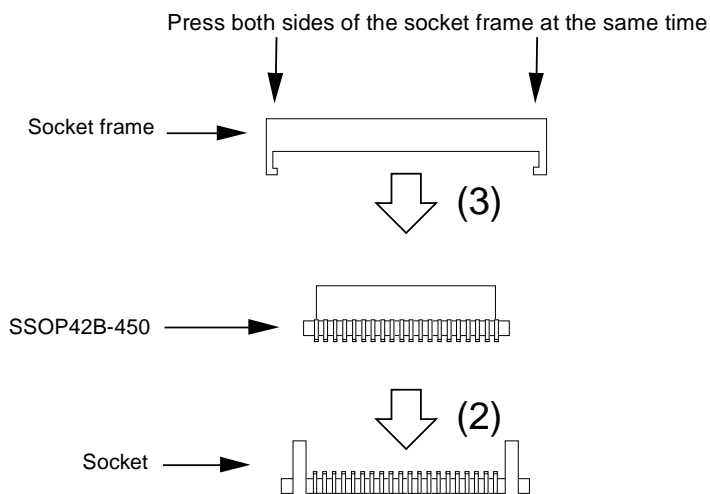
When mounting SSOP42B-450, pay attention to the following.

IMPORTANT

- (1) Mount SSOP42B-450 while the power is not supplied.
- (2) When mounting SSOP42B-450, position it so that the leads of SSOP42B-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 part will simultaneously be aligned with the main body.
- (4) Make absolutely certain that the leads of SSOP42B-450 have been aligned with the socket contacts.
- (5) Turn on the power.

Mounting Procedure

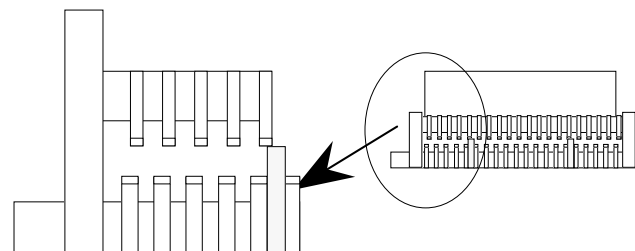
- Set the socket frame so that arms in every part will equally be aligned with the main body.



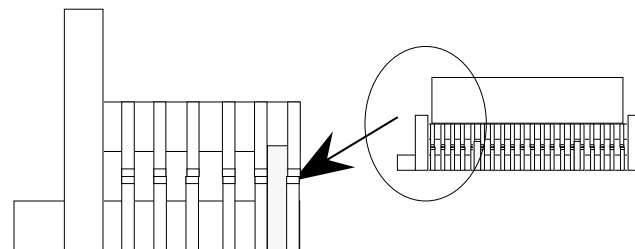
CAUTION

- When mounting SSOP42B-450, position it so that the leads of SSOP42B-450 will align with the socket contacts.

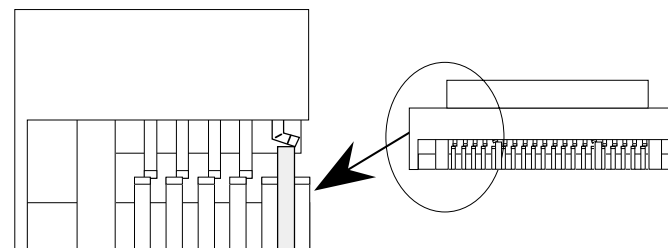
Wrong



Right



- Mounting the socket frame under the situation "Wrong" causes the leads of SSOP42B-450 to deform.



Mitsubishi Electric Semiconductor Systems Corporation

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