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](http://www.renesas.com)

April 1\(^{st}\), 2010
Renesas Electronics Corporation

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Issued by: Renesas Electronics Corporation ([http://www.renesas.com](http://www.renesas.com))

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M3T-DIRECT80S
Direct Dummy IC for 80-pin 0.65mm-pitch SSOP

Function
This accessory tool connects an emulation pod and the target. It can be mounted on the same foot pattern as the MCU housed in the 80-pin 0.65mm-pitch QFP (80P6S-A) package.

Attaching Procedure
Mount this dummy IC on the foot pattern on the target. Then connect the emulation pod to the connector provided at the top of this dummy IC.

Symbols and Terminology
- [ ] denotes pin numbers on the M3T-DIRECT80S.
- [ ] denotes pin numbers of the top of a connector.

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Term</th>
<th>Dimensions [mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Fitting height</td>
<td></td>
</tr>
<tr>
<td>D</td>
<td>Package length</td>
<td></td>
</tr>
<tr>
<td>E</td>
<td>Package width</td>
<td></td>
</tr>
<tr>
<td>e</td>
<td>Interval in row of pins</td>
<td></td>
</tr>
<tr>
<td>M</td>
<td>Mount pad size</td>
<td></td>
</tr>
</tbody>
</table>

[Ordering Information] See Appendix H "Ordering Information".

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