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)

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April 1\textsuperscript{st}, 2010
Renesas Electronics Corporation

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

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The interface circuit between H8S/2339F and F-ZTAT programming adapter board

This figure shows you the interface circuit between H8S/2339F and F-ZTAT adapter board (HS0008EASF4H/HS0008EAUF1H). The value of pull-up and pull down resisters are for your reference.

Setting the switches on the HS0008EASF4H on using H8S/2339F

<table>
<thead>
<tr>
<th>No.</th>
<th>Adapter-Board Signal</th>
<th>Number On Cable</th>
<th>Low/High Switches (S3)</th>
<th>Control-Signal Enable/Disable Switches (S4)</th>
<th>Vcc and PVcc Switches (S5)</th>
<th>Vcc and PVcc Switches (S6)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>FWE</td>
<td>3</td>
<td></td>
<td>Disable(D)</td>
<td>Vcc(C)</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>MD0</td>
<td>5</td>
<td></td>
<td>Disable(D)</td>
<td>Vcc(C)</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>MD1</td>
<td>7</td>
<td>Low(0)</td>
<td>Enable(E)</td>
<td>Vcc(C)</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>I/O1</td>
<td>9</td>
<td></td>
<td>Disable(D)</td>
<td>Vcc(C)</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>I/O2</td>
<td>11</td>
<td></td>
<td>Disable(D)</td>
<td></td>
<td>Vcc(C)</td>
</tr>
<tr>
<td>6</td>
<td>I/O3</td>
<td>13</td>
<td></td>
<td>Disable(D)</td>
<td></td>
<td>Vcc(C)</td>
</tr>
</tbody>
</table>
Setting the switches on the HS0008EAUF1H on using H8S/2339F
FLASH Development Toolkit Pin Settings