**Backlight for LCD**

**Technical Data**

**Type:** \textit{INVC186}

**Features**

1) Very small and low power consumption design.
2) Backlight ON or OFF can be controlled by outer signal.

**Uses**

1) Inverter for small size Backlight on LCD’s (for example 320X240 dots class) and application for Telephone with various functions, Facsimile and Copy machine.
2) Electrical characteristics are set for HITACHI SP14Q***, but be possible to set another LCD Module. Please inquire to the following.

**Structure and Dimensions**

![Top and Side Views of INVC186](image)

**Electrical Characteristics**

<table>
<thead>
<tr>
<th>Type</th>
<th>Input Voltage [V]</th>
<th>Input Current [A]</th>
<th>Output Current [mA]</th>
<th>Suitable LCM</th>
</tr>
</thead>
<tbody>
<tr>
<td>INVC186</td>
<td>12 +/- 10%</td>
<td>0.17 typ</td>
<td>5.0 typ</td>
<td>SP14***</td>
</tr>
</tbody>
</table>

**Wiring**

- **ON/OFF Signal Level**
  - Open Mode: Lamp OFF
  - Low Mode: Lamp ON

**Input and Output Connector**

<table>
<thead>
<tr>
<th>Maker</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input Connector</td>
<td>JST PHR-3</td>
</tr>
<tr>
<td>Output Connector</td>
<td>JAE IL-G-4S</td>
</tr>
</tbody>
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