Important notice

Dear Customer,

On 7 February 2017 the former NXP Standard Product business became a new company with the tradename Nexperia. Nexperia is an industry leading supplier of Discrete, Logic and PowerMOS semiconductors with its focus on the automotive, industrial, computing, consumer and wearable application markets

In data sheets and application notes which still contain NXP or Philips Semiconductors references, use the references to Nexperia, as shown below.


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If you have any questions related to the data sheet, please contact our nearest sales office via e-mail or telephone (details via salesaddresses@nexperia.com). Thank you for your cooperation and understanding,

Kind regards,

Team Nexperia
1. Packing method

Table 1. Packing information

<table>
<thead>
<tr>
<th>Package version</th>
<th>12NC ending</th>
<th>Reel dimensions d x w (mm) [1]</th>
<th>SPQ/PQ (pcs)</th>
<th>Reels per box</th>
<th>Outer box dimensions l x w x h (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOT23</td>
<td>215</td>
<td>180 x 8</td>
<td>3000</td>
<td>1</td>
<td>186 x 186 x 16</td>
</tr>
</tbody>
</table>

[1] d = reel diameter; w = tape width.
2. Product orientation

![Standard product orientation SOT23](image)

**Fig 2.** Product orientation in carrier tape

3. Carrier tape dimensions

![Carrier tape dimensions](image)

**Table 2. Carrier tape dimensions**

*In accordance with IEC 60286-3.*

<table>
<thead>
<tr>
<th>A₀ (mm)</th>
<th>B₀ (mm)</th>
<th>K₀ (mm)</th>
<th>T (mm)</th>
<th>P₁ (mm)</th>
<th>W (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.1</td>
<td>2.7</td>
<td>1.15</td>
<td>-</td>
<td>4.0</td>
<td>8</td>
</tr>
</tbody>
</table>

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