**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.


Instead of sales.addresses@www.nxp.com or sales.addresses@www.semiconductors.philips.com, use salesaddresses@nexperia.com (email)

Replace the copyright notice at the bottom of each page or elsewhere in the document, depending on the version, as shown below:

- © NXP N.V. (year). All rights reserved or © Koninklijke Philips Electronics N.V. (year). All rights reserved

Should be replaced with:

- © Nexperia B.V. (year). All rights reserved.

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>
<thead>
<tr>
<th>Package version</th>
<th>12NC ending</th>
<th>Reel dimensions d x w (mm)</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>SOT833</td>
<td>115</td>
<td>180 x 8</td>
<td>5000</td>
<td>1</td>
<td>186 x 186 x 16</td>
</tr>
</tbody>
</table>
2. Product orientation

![Fig. 2](image)

3. Carrier tape dimensions

![Fig. 4](image)

<table>
<thead>
<tr>
<th>12NC ending</th>
<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>115</td>
<td>1.25</td>
<td>2.20</td>
<td>0.60</td>
<td>-</td>
<td>4.0</td>
<td>8</td>
</tr>
</tbody>
</table>
4. Carrier tape dimensions

<table>
<thead>
<tr>
<th>Package version</th>
<th>12NC ending</th>
<th>Reel dimensions d x w (mm)</th>
<th>SPQ/PQ (pcs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOT833</td>
<td>115</td>
<td>180 x 8</td>
<td>5000</td>
</tr>
</tbody>
</table>
5. Barcode label tape and box information

Fig. 6

Label dimensions
l x w (mm)
100 x 75