

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 <http://www.nxp.com>, <http://www.philips.com/> or <http://www.semiconductors.philips.com/>, use <http://www.nexperia.com>

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



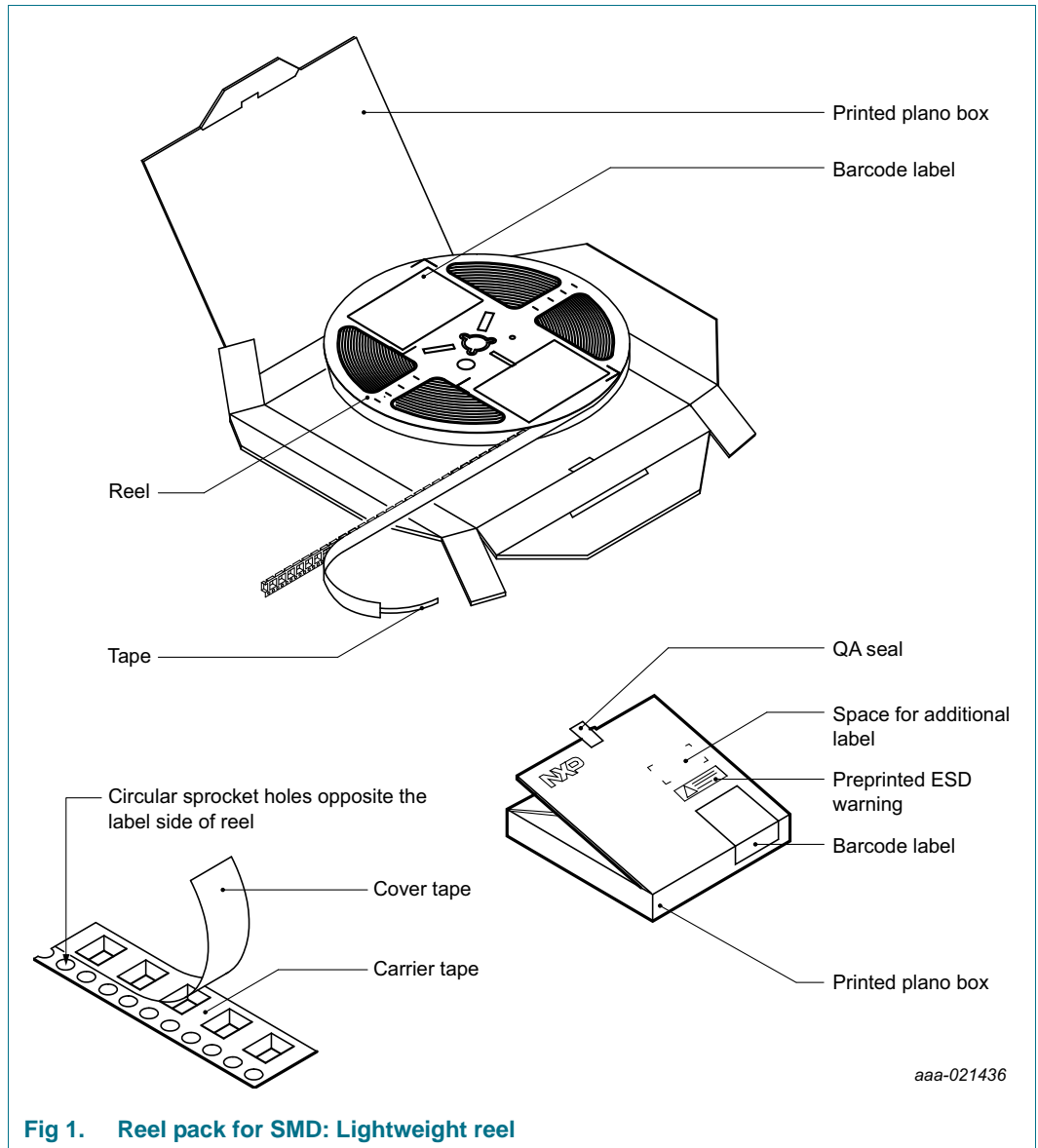
SOT1023

LFP56; Reel pack; SMD, 7"
Q1/T1 standard product orientation
Orderable part number ending ,115 or X
Ordering code (12NC) ending 115

Rev. 3 — 9 September 2016

Packing information

1. Packing method



LFPAK56; Reel pack; SMD, 7"
 Q1/T1 standard product orientation
 Orderable part number ending ,115 or X
 Ordering code (12NC) ending 115

Table 1. Dimensions and quantities

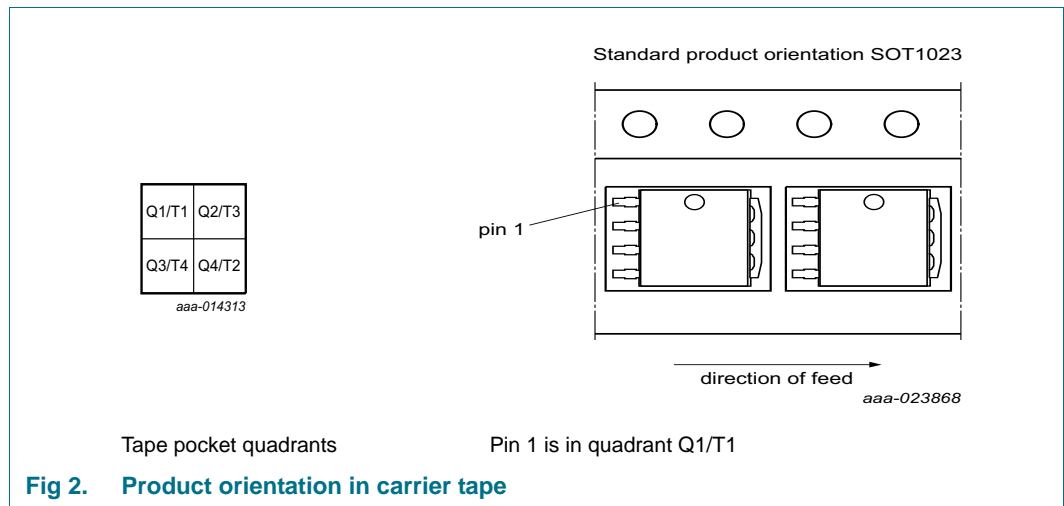
Reel dimensions d × w (mm) [1]	SPQ/PQ (pcs) [2]	Reels per box	Outer box dimensions l × w × h (mm)
180 × 12	1500	1	192 × 188 × 27

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

[2] Packing quantity dependent on specific product type.

View ordering and availability details at [NXP order portal](#), or contact your local NXP representative.

2. Product orientation



3. Carrier tape dimensions

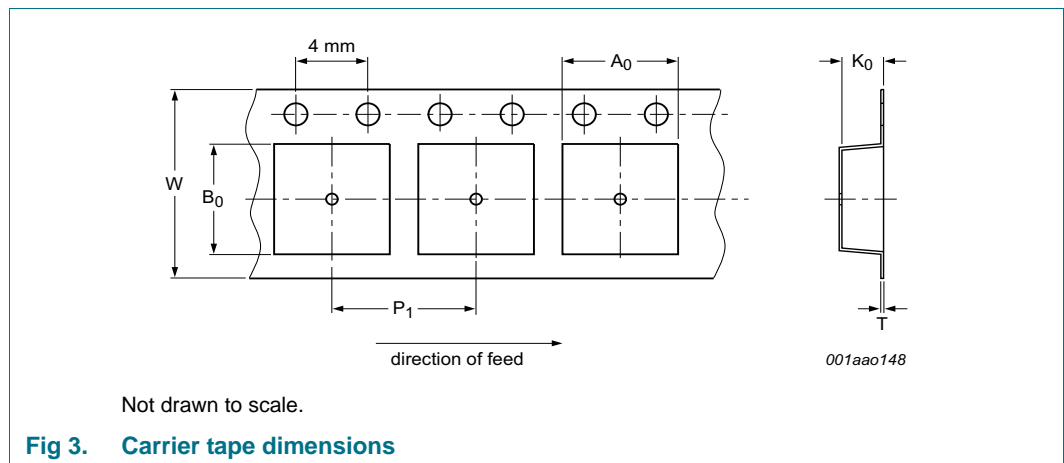


Table 2. Carrier tape dimensions

In accordance with IEC 60286-3.

A ₀ (mm)	B ₀ (mm)	K ₀ (mm)	T (mm)	P ₁ (mm)	W (mm)
6.50 ± 0.10	5.30 ± 0.10	1.40 ± 0.10	0.30 + 0.05	8.0 ± 0.10	12.0 ± 0.30

4. Reel dimensions

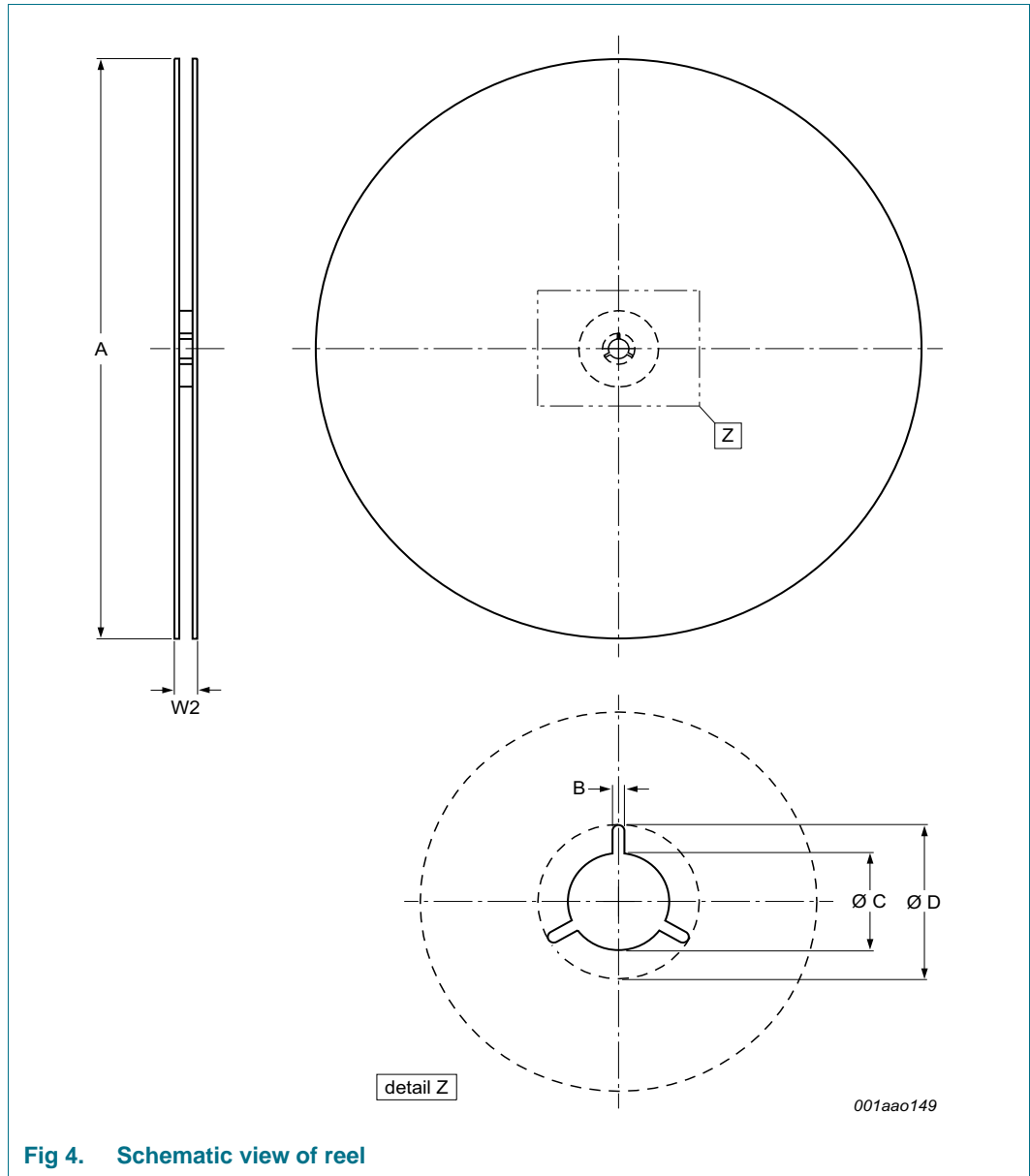


Fig 4. Schematic view of reel

Table 3. Reel dimensions
 In accordance with IEC 60286-3.

A [nom] (mm)	W2 [max] (mm)	B [min] (mm)	C [min] (mm)	D [min] (mm)
180	18.4	1.5	12.8	20.2

LFPAK56; Reel pack; SMD, 7"
 Q1/T1 standard product orientation
 Orderable part number ending ,115 or X
 Ordering code (12NC) ending 115

5. Barcode label

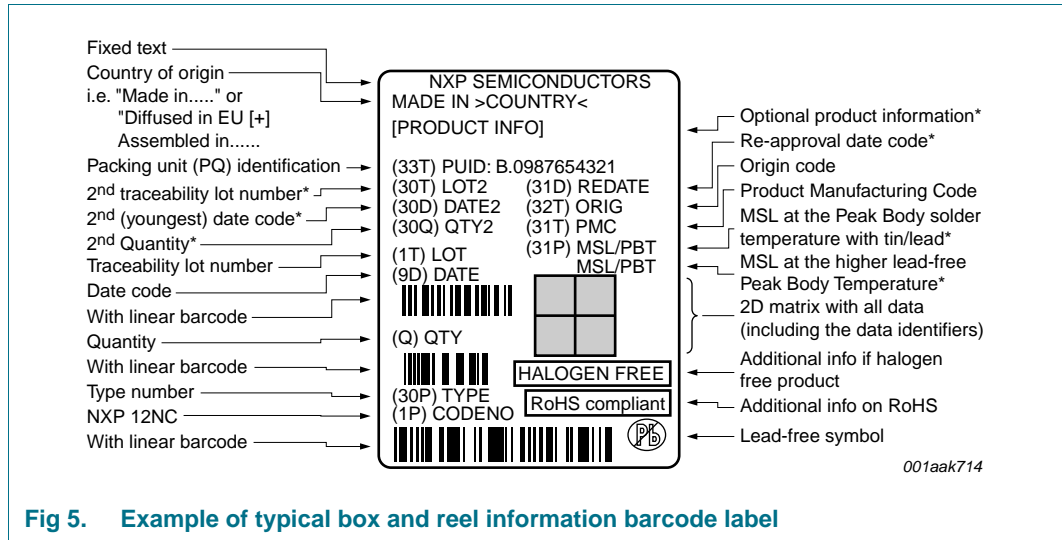


Fig 5. Example of typical box and reel information barcode label

Table 4. Barcode label dimensions

Box barcode label l × w (mm)	Reel barcode label l × w (mm)
100 × 75	100 × 75

6. Revision history

Table 5. Revision history

Document ID	Release date	Packing document status	Change notice	Supersedes
SOT1023_115 v.3	20160909	Packing information	-	SOT1023_115 v.2
Modifications:	<ul style="list-style-type: none"> • Lightweight reel packing; see Figure 1 “Reel pack for SMD: Lightweight reel” • Outer box dimensions corrected; see Table 1 “Dimensions and quantities” • Product orientation drawing changed; see Figure 2 “Product orientation in carrier tape” • Carrier tape dimension update; see Table 2 “Carrier tape dimensions” • Section 5 “Barcode label” adjusted. 			
SOT1023_115 v.2	20160825	Packing information	-	SOT1023_115 v.1
Modifications:	<ul style="list-style-type: none"> • The format of this packing document has been redesigned to comply with the new identity guidelines of NXP Semiconductors. • Legal texts have been adapted to the new company name where appropriate. • The document is updated to include standard sections 			
SOT1023_115 v.1	20120926	Packing information	-	-

Limited warranty and liability

Information in this document is believed to be accurate and reliable. However, NXP Semiconductors does not give any representations or warranties, expressed or implied, as to the accuracy or completeness of such information and shall have no liability for the consequences of use of such information.

© NXP Semiconductors N.V. 2016.

For more information, please visit: <http://www.nxp.com>
 For sales office addresses, please send an email to: salesaddresses@nxp.com

All rights reserved.

Date of release: 9 September 2016
Document identifier: SOT1023_115