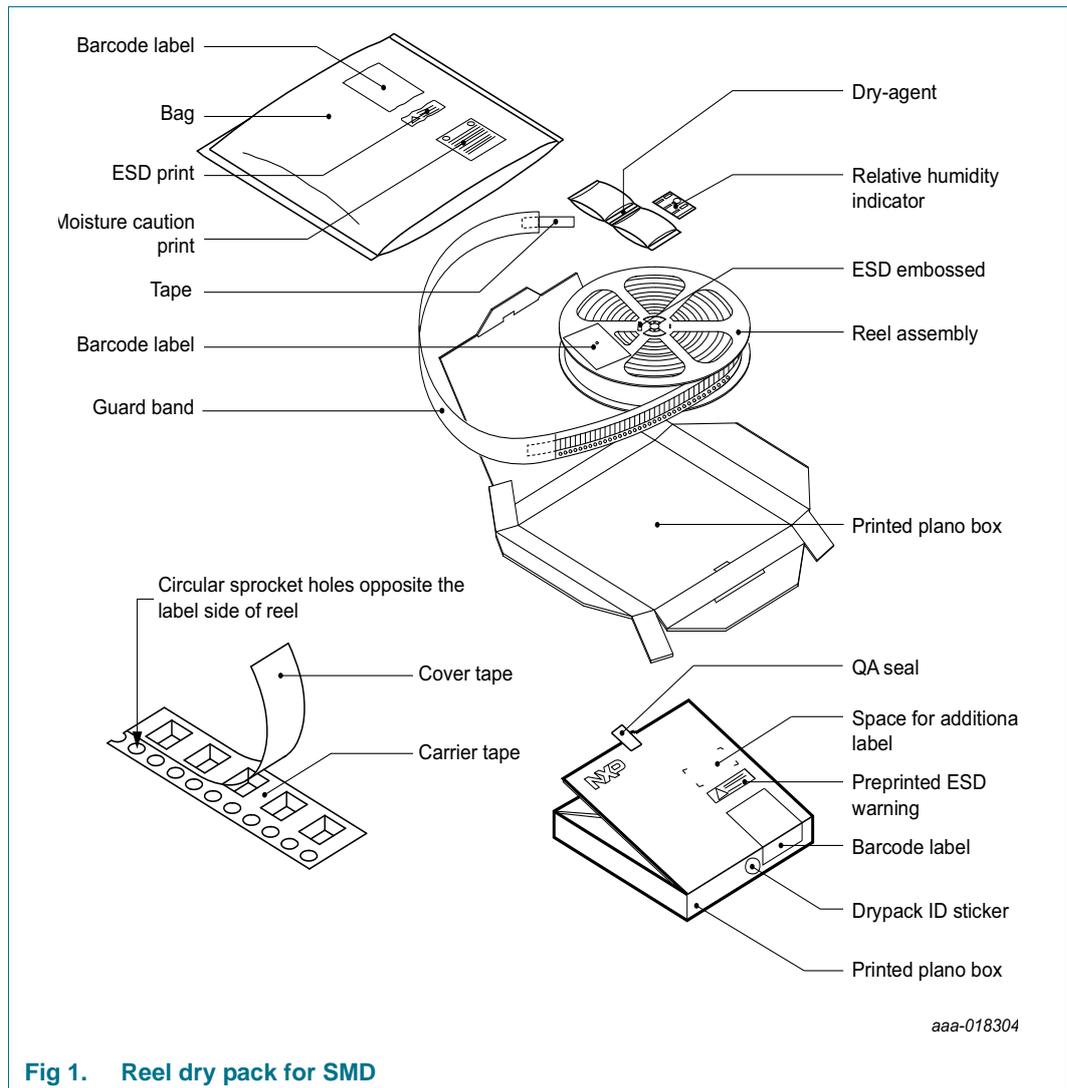# SOT1860-1

VFBGA64; Reel dry pack, SMD, 13"
Q1/T1 standard product orientation
Orderable part number ending ,518 or Y
Ordering code (12NC) ending 518

Rev. 1 — 13 December 2016　　　　　　　　　　**Packing information**

1. Packing method

Fig 1.　Reel dry pack for SMD

Barcode label

Bag

ESD print

Moisture caution print

Tape

Barcode label

Guard band

Dry-agent

Relative humidity indicator

ESD embossed

Reel assembly

Printed plano box

Circular sprocket holes opposite the label side of reel

Cover tape

Carrier tape

QA seal

Space for additiona label

Preprinted ESD warning

Barcode label

Drypack ID sticker

Printed plano box

aaa-018304

VFBGA64; Reel dry pack, SMD, 13"
Q1/T1 standard product orientation
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Table 1.　Dimensions and quantities

Reel dimensions d $\times$ w (mm) [1]	SPQ/PQ (pcs) [2]	Reels per box	Outer box dimensions l $\times$ w $\times$ h (mm)
330 $\times$ 12	4500	1	342 $\times$ 338 $\times$ 39

[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

Q1/T1	Q2/T3
Q3/T4	Q4/T2

aaa-014313　　　　　　　　　　　　　　*aaa-017857*

ball 1

Tape pocket quadrants　　　　　　　Ball 1 is in quadrant Q1/T1

Fig 2.　Product orientation in carrier tape

3.　Carrier tape dimensions

4 mm　　　　A$_0$　　　　K$_0$

W　　B$_0$

P$_1$

direction of feed

001aao148

Not drawn to scale.
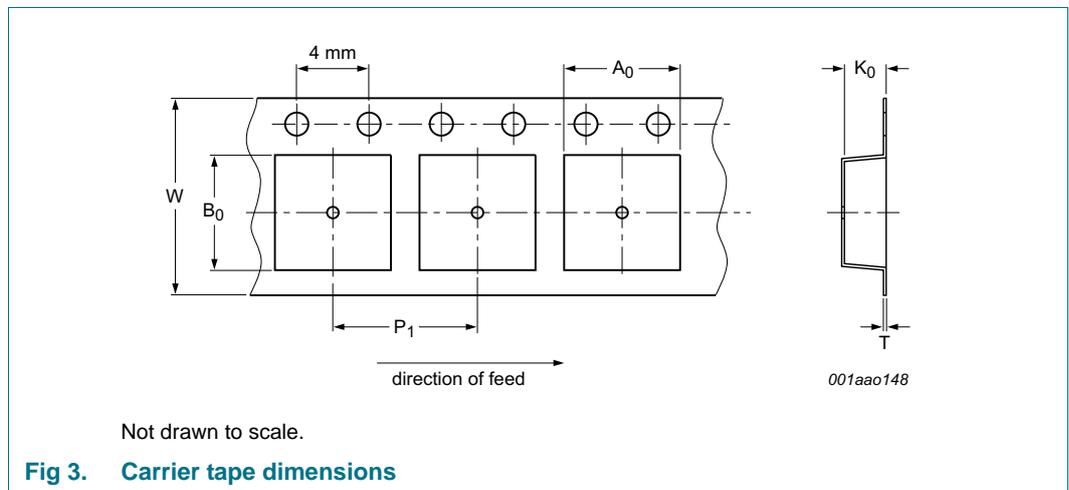
Fig 3.　Carrier tape dimensions

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)
4.25 $\pm$ 0.05	4.25 $\pm$ 0.05	1.10 $\pm$ 0.05	0.30 $\pm$ 0.03	8.0 $\pm$ 0.1	12.0 $\pm$ 0.3

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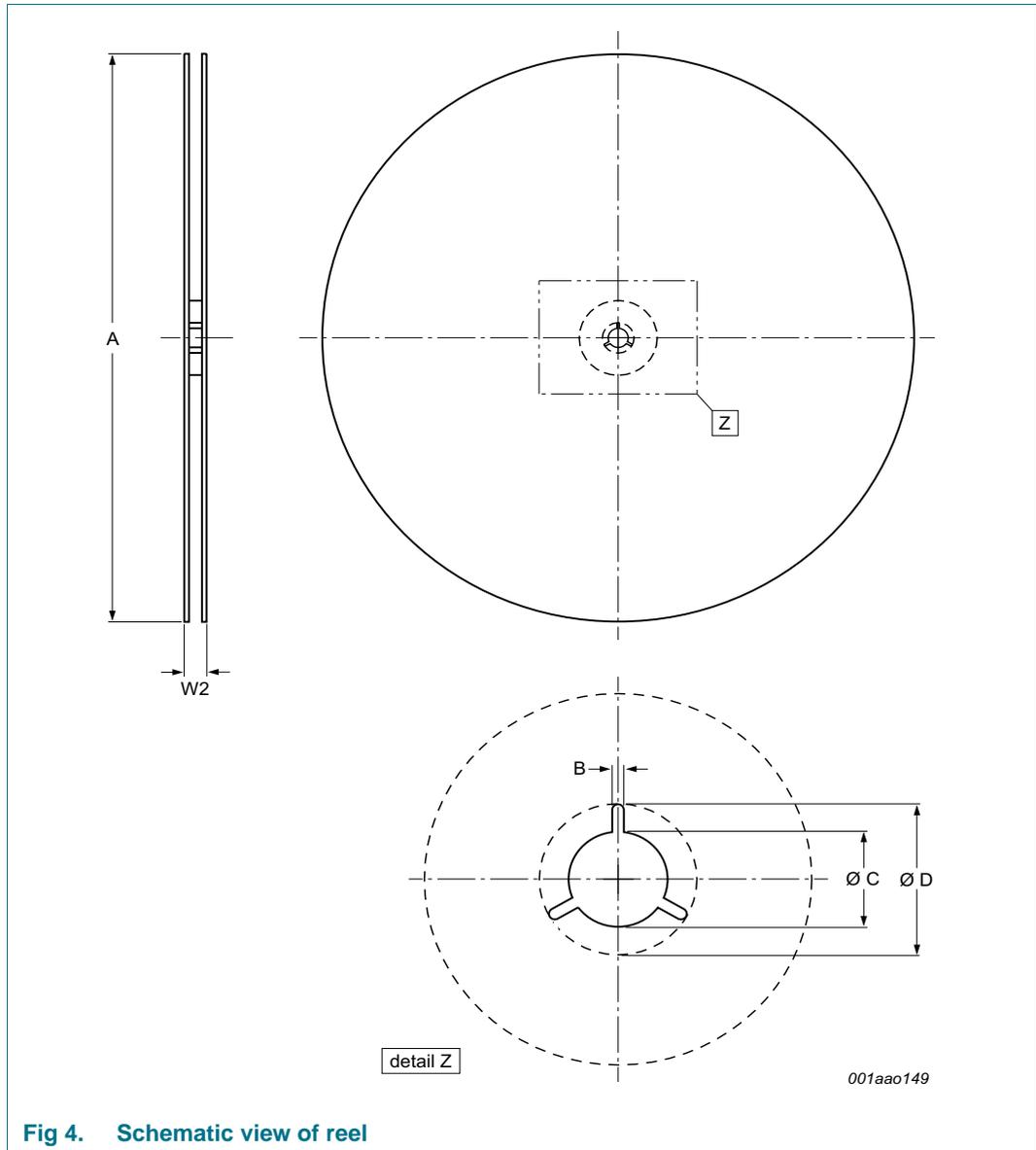
4.   Reel dimensions

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)
330	18.4	1.5	12.8	20.2

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Packing information   **Rev. 1 — 13 December 2016**   **3 of 5**

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VFBGA64; Reel dry pack, SMD, 13"
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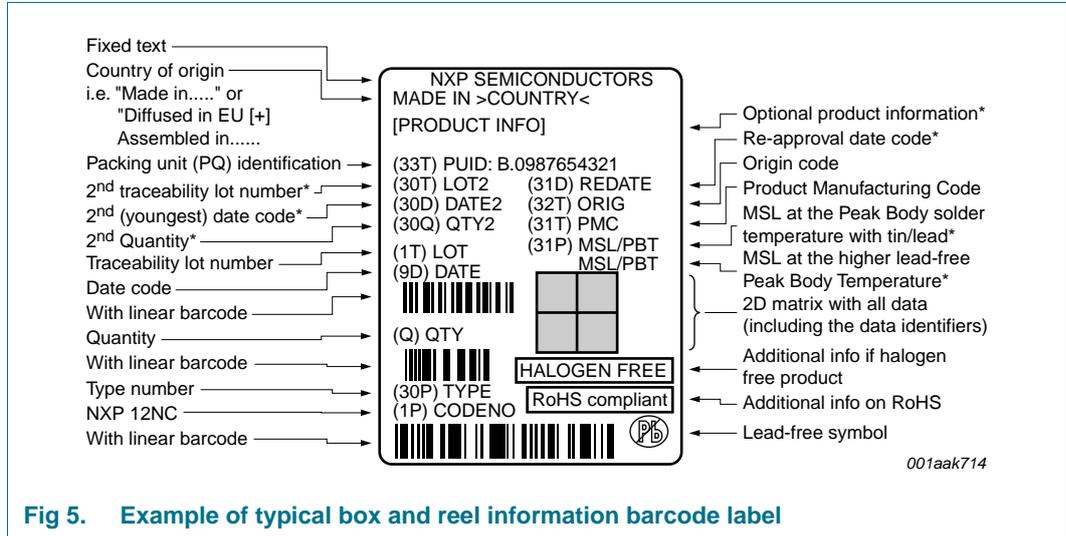
5. Barcode label

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

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Packing information

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6. Revision history

Table 5. Revision history

Document ID	Release date	Packing document status	Change notice	Supersedes
SOT1860-1_518	20161213	Packing information	-	-