# SOT1831-1



HLQFN26, thermal enhanced low profile quad flat package, no leads, 1 mm pitch, 10 mm x 6 mm x 1.348 mm body

9 December 2019

Package information

### 1 Package summary

Terminal position code Q (quad)

Package type descriptive code HLQFN26

Package style descriptive code HLQFN (thermal enhanced low profile quad

flatpack; no leads)

Package body material type P (plastic)

Mounting method type S (surface mount)

**Issue date** 25-09-2019

Manufacturer package code 98ASA00953D

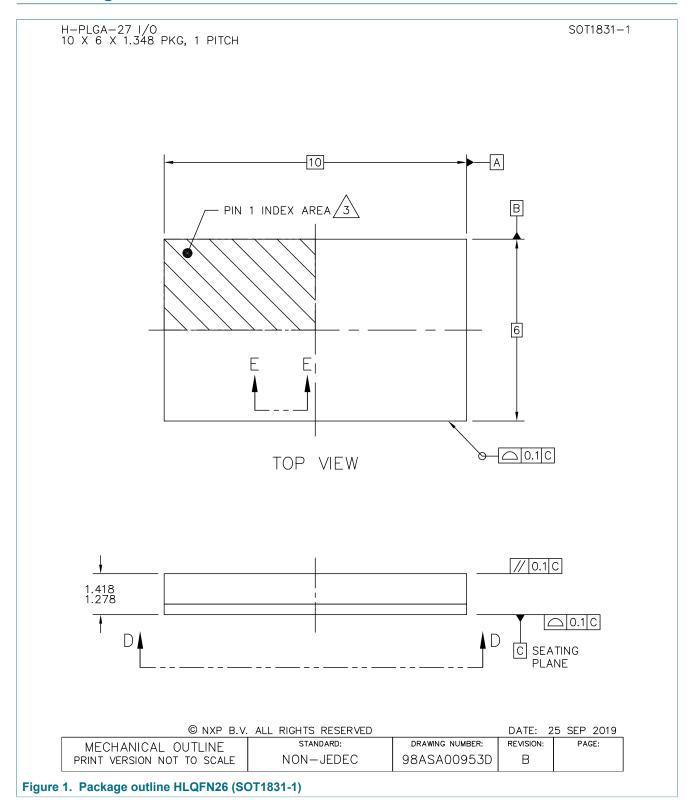
#### Table 1. Package summary

Parameter	Min	Nom	Max	Unit
package length	9.9	10	10.1	mm
package width	5.9	6	6.1	mm
package height	1.278	1.348	1.418	mm
nominal pitch	-	1	-	mm
actual quantity of termination	-	26	-	

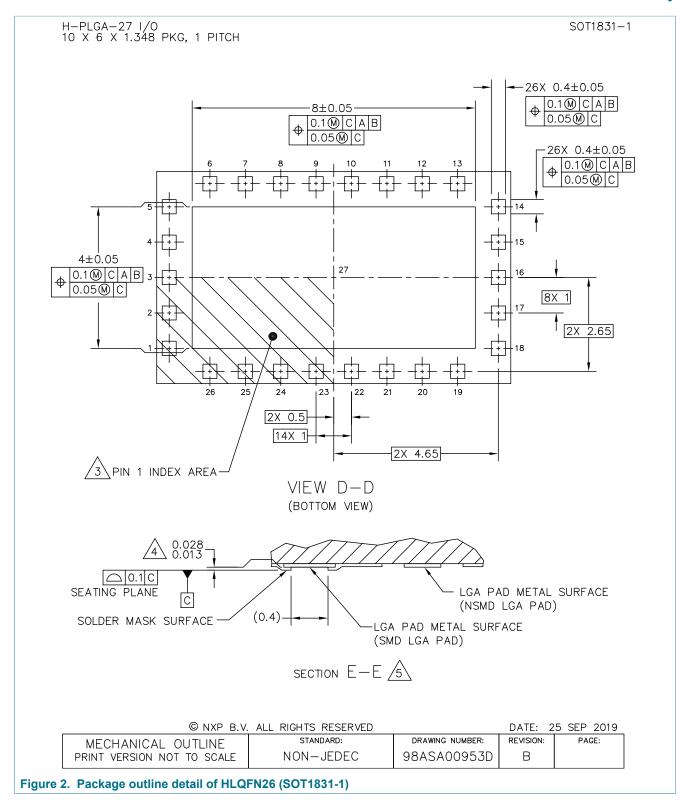


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## 2 Package outline

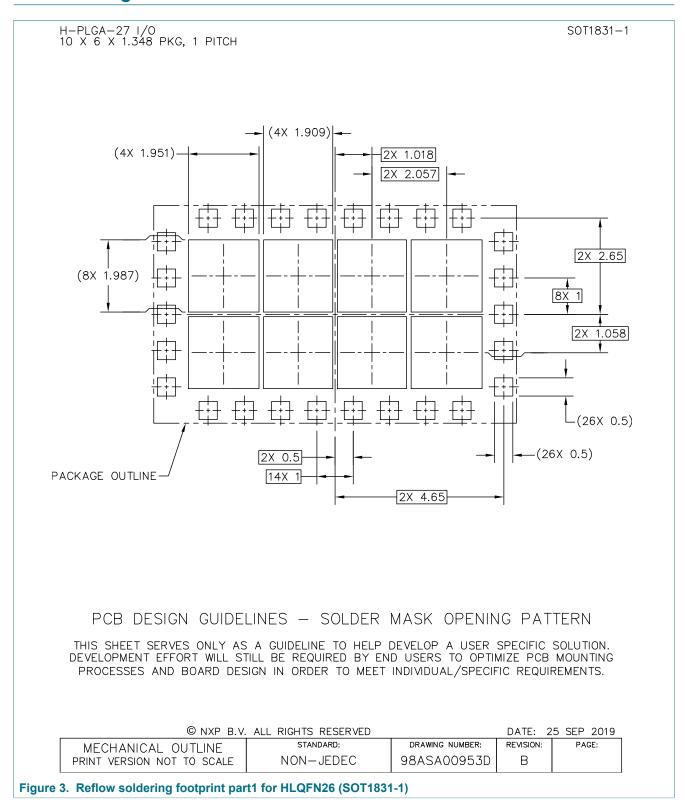


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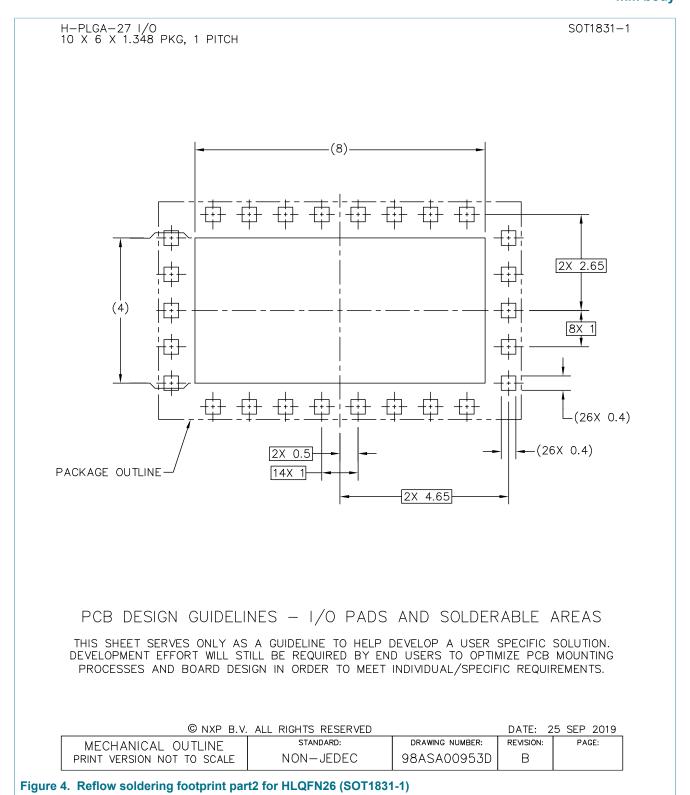


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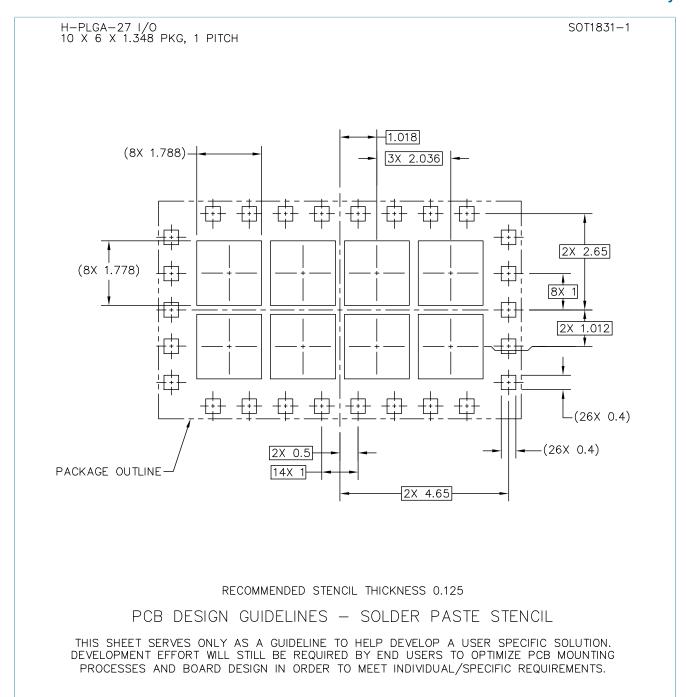
#### 3 Soldering



HLQFN26, thermal enhanced low profile quad flat package, no leads, 1 mm pitch, 10 mm x 6 mm x 1.348 mm body



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Figure 5. Reflow soldering footprint part3 for HLQFN26 (SOT1831-1)

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H-PLGA-27 I/O 10 X 6 X 1.348 PKG, 1 PITCH SOT1831-1

#### NOTES:

- 1. ALL DIMENSIONS IN MILLIMETERS.
- 2. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994.

<u>/3.\</u>

3.\ PIN 1 FEATURE SHAPE, SIZE AND LOCATION MAY VARY.

4.

DIMENSION APPLIES TO ALL LEADS AND FLAG.

THE BOTTOM VIEW SHOWS THE SOLDERABLE AREA OF THE PADS. THE CENTER PAD (PIN 27) IS SOLDER MASK DEFINED. SOME PERIPHERAL PADS ARE SOLDER MASK DEFINED (SMD) AND OTHERS ARE NON-SOLDERMASK DEFINED (NSMD).

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Figure 6. Package outline note HLQFN26 (SOT1831-1)

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### 4 Legal information

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