

SOT1931-1(SC)

plastic thermal enhanced quad flat package; no leads; 24
terminals; 0.5 mm pitch, 4 mm x 4 mm x 1.98 mm body Package information

Package summary

Terminal position code Q (quad) HQFN24 Package type descriptive code

Package style descriptive code HQFN (thermal enhanced quad flatpack; no

leads)

Package body material type P (plastic)

Mounting method type S (surface mount)

12-07-2019 Issue date

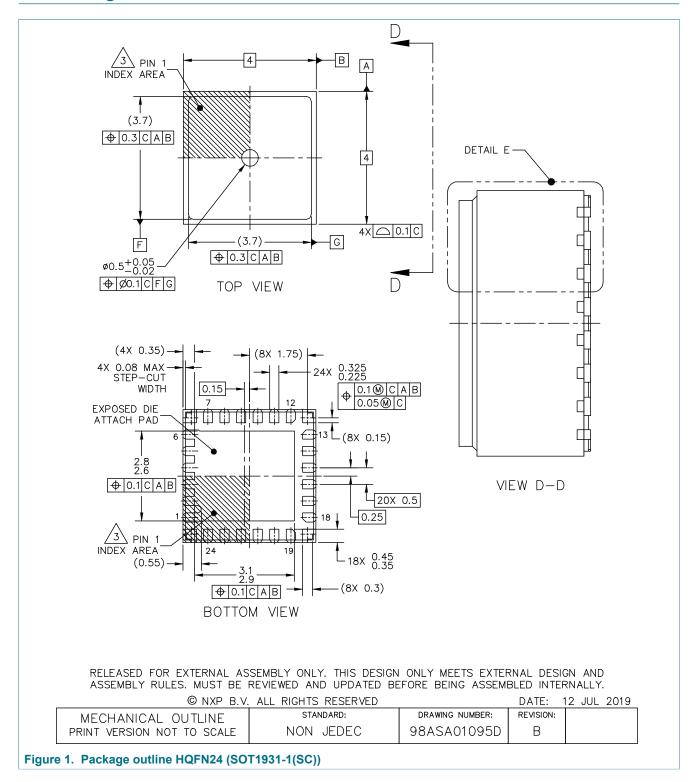
98ASA01095D Manufacturer package code

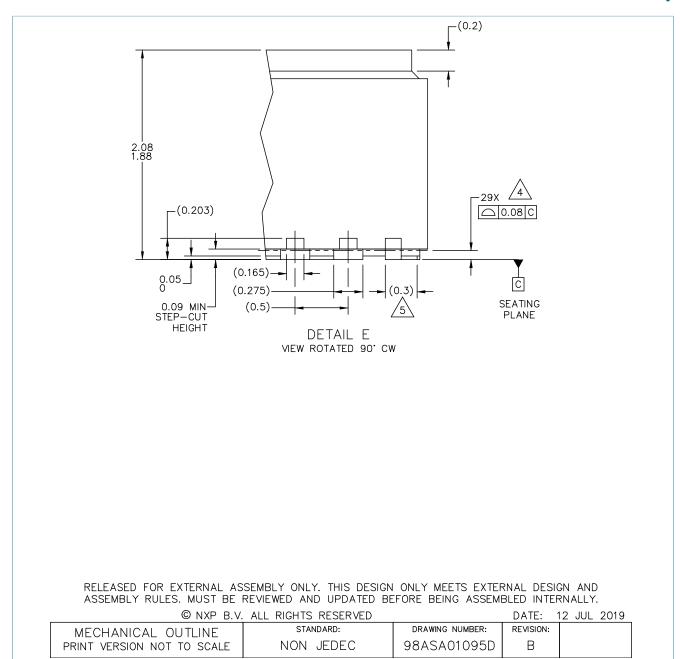
Table 1. Package summary

Parameter	Min	Nom	Max	Unit
package length	-	4	-	mm
package width	-	4	-	mm
package height	-	1.98	-	mm
nominal pitch	-	0.5	-	mm
actual quantity of termination	-	24	-	



2 Package outline





SOT1931-1(SC)

Figure 2. Package outline detail of HQFN24 (SOT1931-1(SC))

3 Soldering

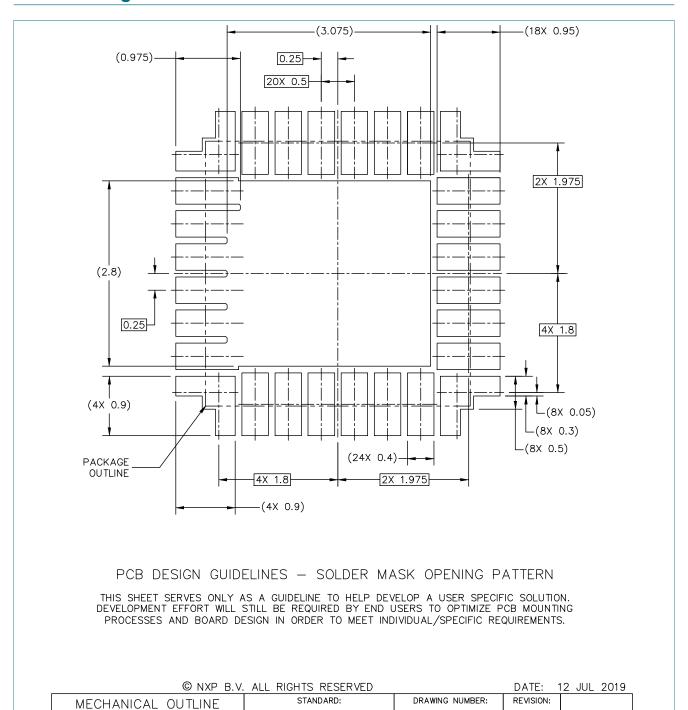


Figure 3. Reflow soldering footprint part1 of HQFN24 (SOT1931-1(SC))

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NON JEDEC

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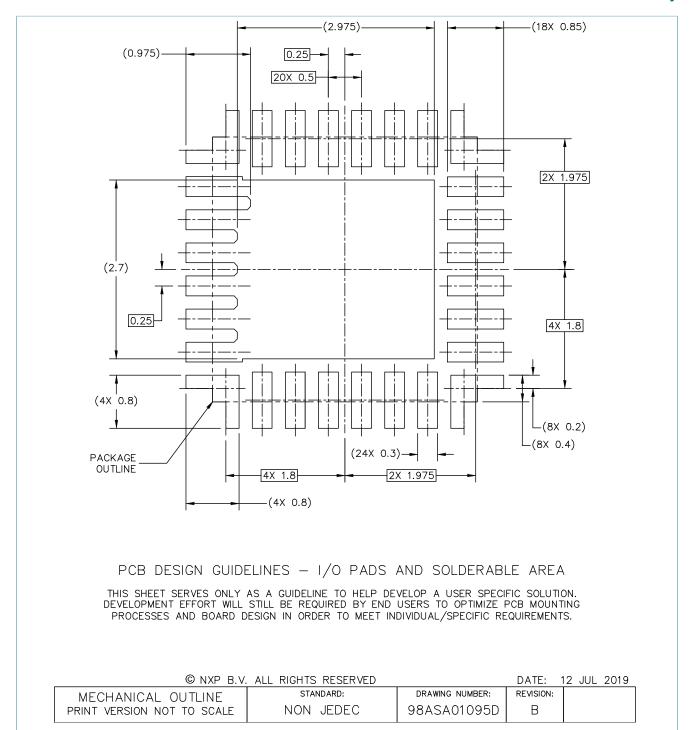


Figure 4. Reflow soldering footprint part2 of HQFN24 (SOT1931-1(SC))

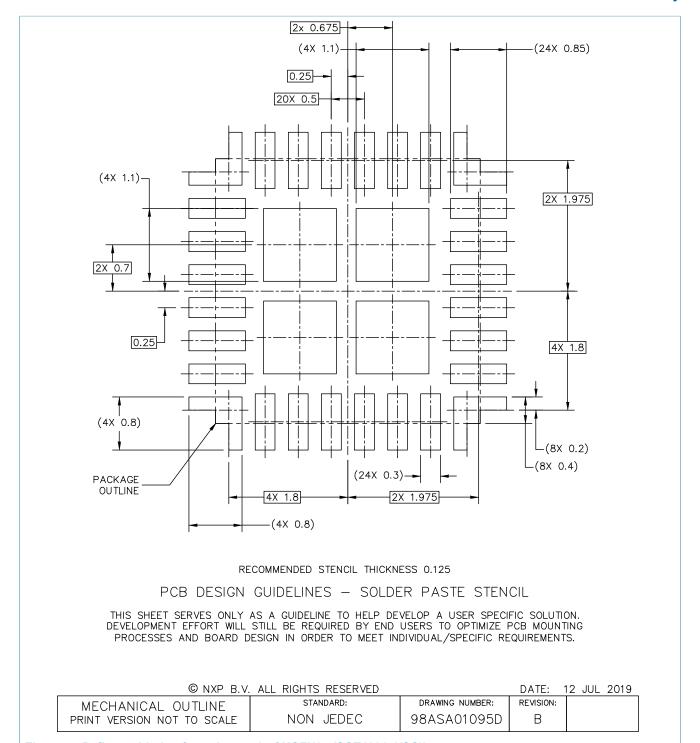


Figure 5. Reflow soldering footprint part3 of HQFN24 (SOT1931-1(SC))

NOTES:

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

 $\frac{\sqrt{3}}{\sqrt{3}}$ PIN 1 FEATURE SHAPE, SIZE AND LOCATION MAY VARY.

COPLANARITY APPLIES TO LEADS, DIE ATTACH FLAG AND CORNER NON-FUNCTIONAL PADS. ANCHORING PADS.

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DATE: 12 JUL 2019

MECHANICAL OUTLINE STANDARD: DRAWING NUMBER: REVISION:
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Figure 6. Package outline note HQFN24 (SOT1931-1(SC))

4 Legal information

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