SOT2199-1

HVQFN28, thermal enhanced very thin quad flatpack; no leads, 28 terminals, 0.4 mm pitch, 4 mm x 4 mm x 0.85 mm body

9 July 2025 Package information



1 Package summary

Terminal position code Q (quad)
Package type descriptive code HVQFN28

Package style descriptive code HVQFN (thermal enhanced very thin quad flatpack; no

leads)

Package body material type P (plastic)

Mounting method type S (surface mount)

Issue date 07-07-2025

Manufacturer package code 98ASA02009D

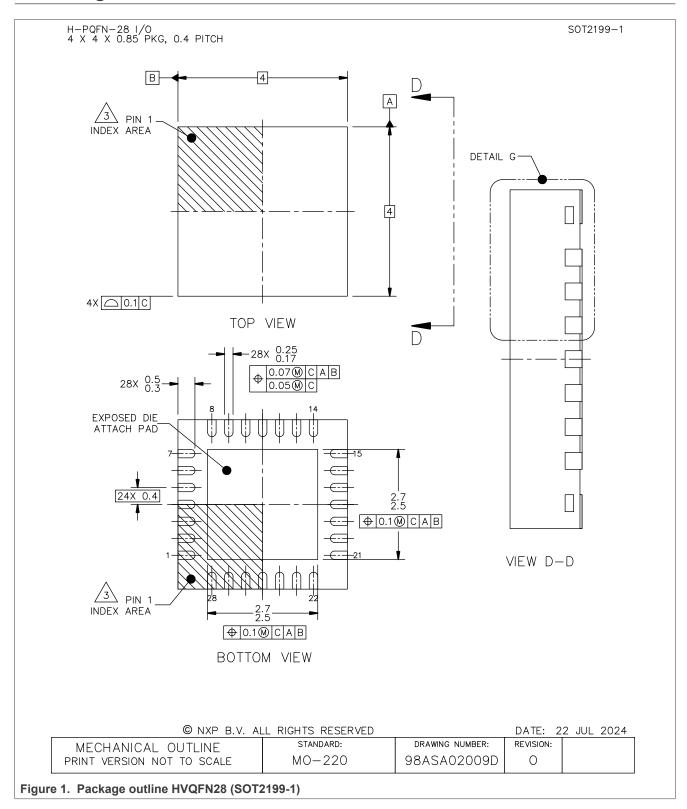
Table 1. Package summary

Parameter	Min	Nom	Max	Unit
package length	3.9	4	4.1	mm
package width	3.9	4	4.1	mm
package height	0.8	0.85	0.9	mm
nominal pitch	-	0.4	-	mm
actual quantity of termination	-	28	-	

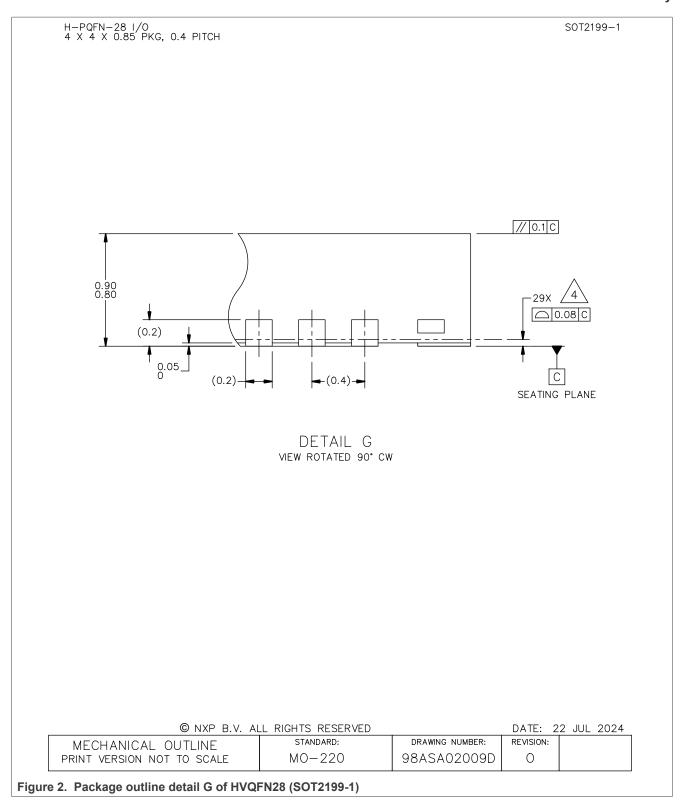


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2 Package outline

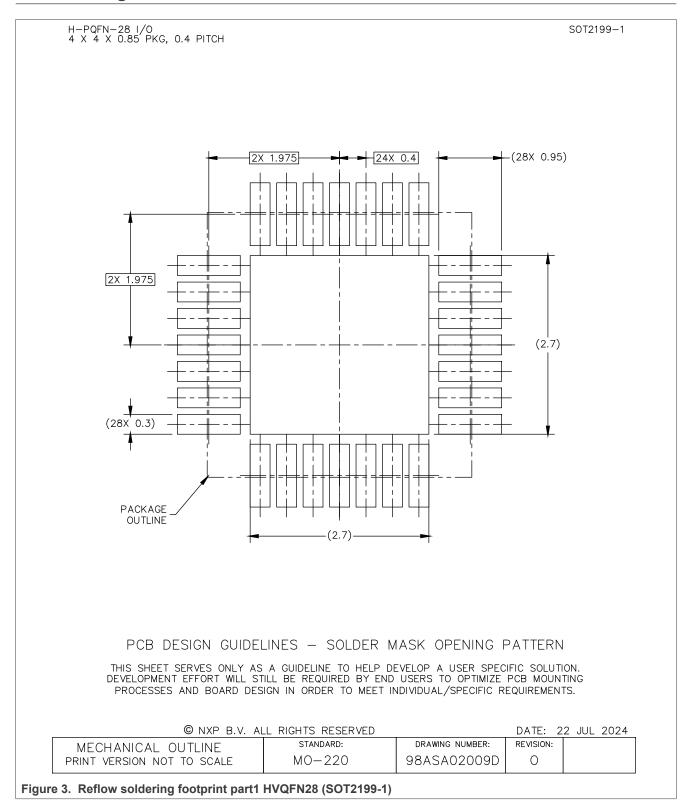


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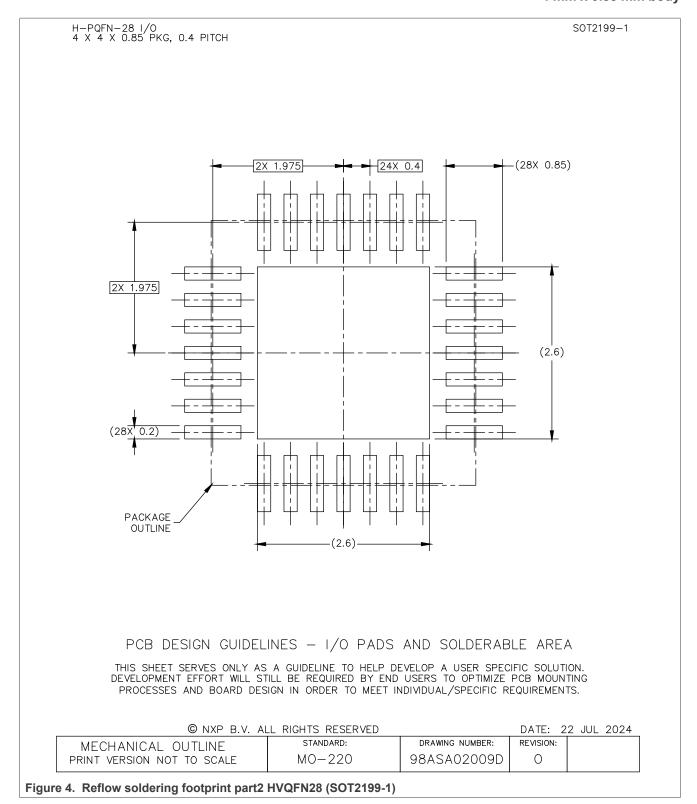


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3 Soldering

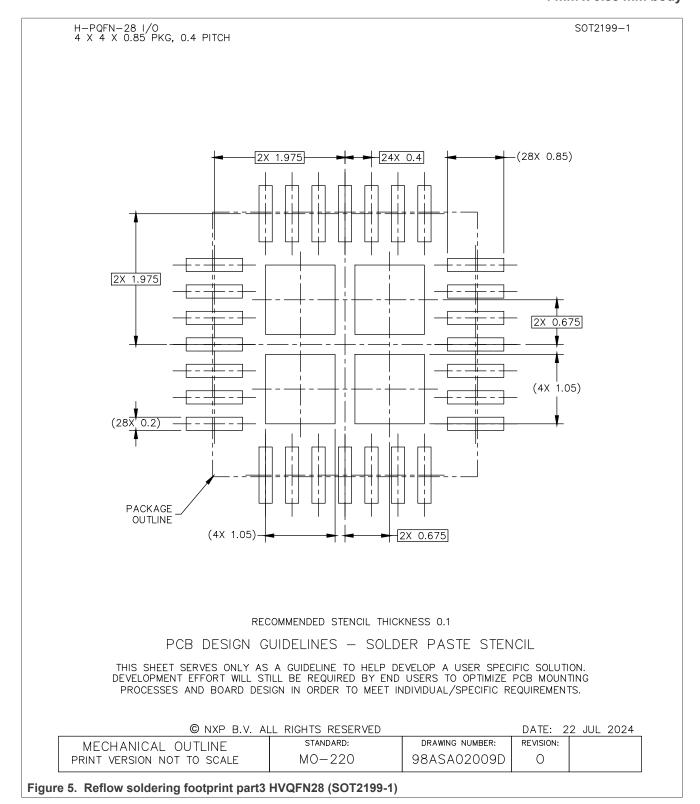


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H-PQFN-28 I/O 4 X 4 X 0.85 PKG, 0.4 PITCH SOT2199-1

NOTES:

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

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

/4\coplanarity applies to leads, die attach flag and corner non-functional pads.

5. MIN. METAL GAP FOR LEAD TO EXPOSED PAD SHALL BE 0.2 MM.

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DATE: 22 JUL 2024

MECHANICAL OUTLINE STANDARD: DEPRINT VERSION NOT TO SCALE MO-220 98

DRAWING NUMBER: 98ASA02009D

REVISION:

Figure 6. Package outline note HVQFN28 (SOT2199-1)

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4 Legal information

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