SOT2111-4

HVQFN148 Thermal enhanced very thin quad flat package; no leads, 148 terminals, 0.5 mm pitch,11 mm x 11 mm x 0.85 mm body

17 April 2024 Package information



1 Package summary

Terminal position code Q (quad) **Package type descriptive code** HVQFN148

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 16-05-2024

Manufacturer package code 98ASA02005D

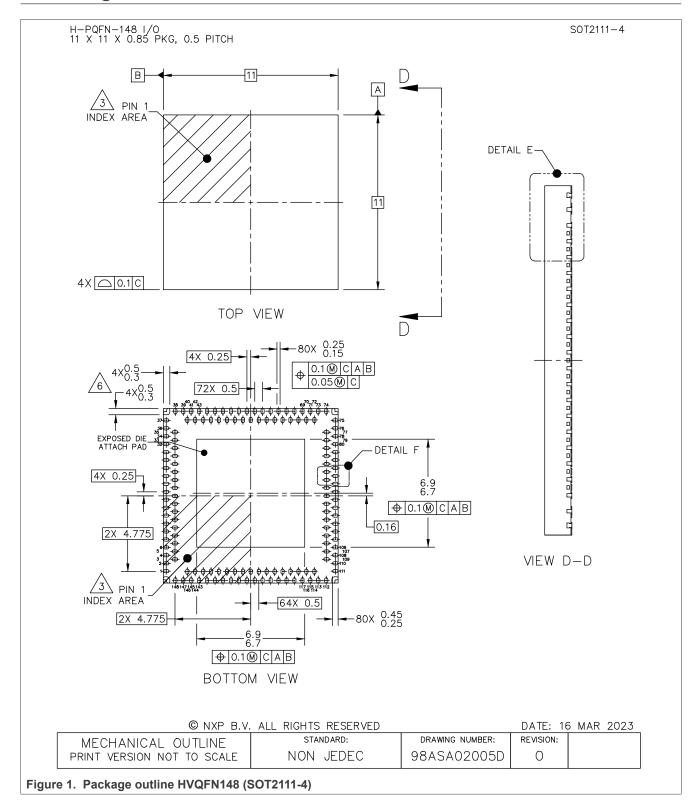
Table 1. Package summary

Parameter	Min	Nom	Max	Unit
package length	10.9	11	11.1	mm
package width	10.9	11	11.1	mm
package height	-	0.85	0.9	mm
nominal pitch	-	0.5	-	mm
actual quantity of termination	-	148	-	

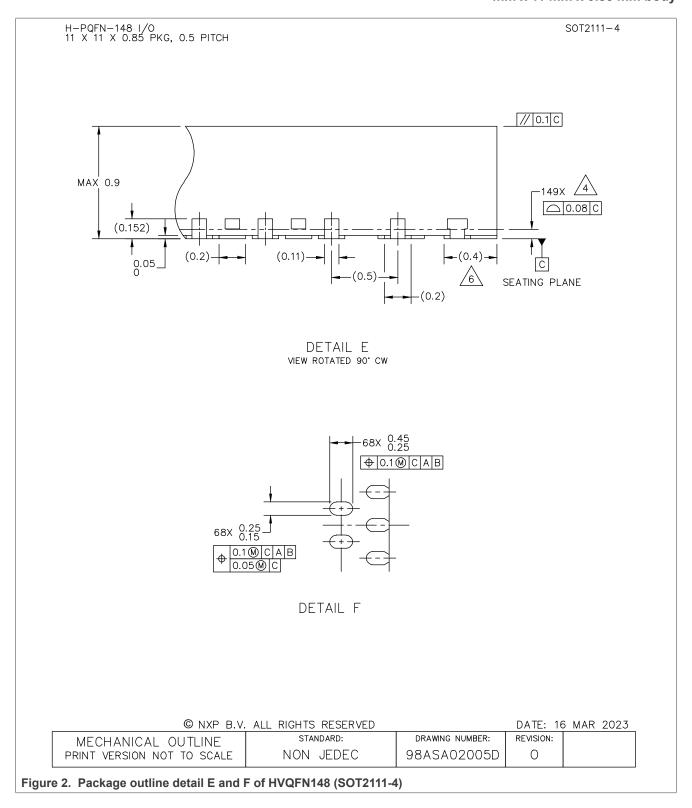


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2 Package outline

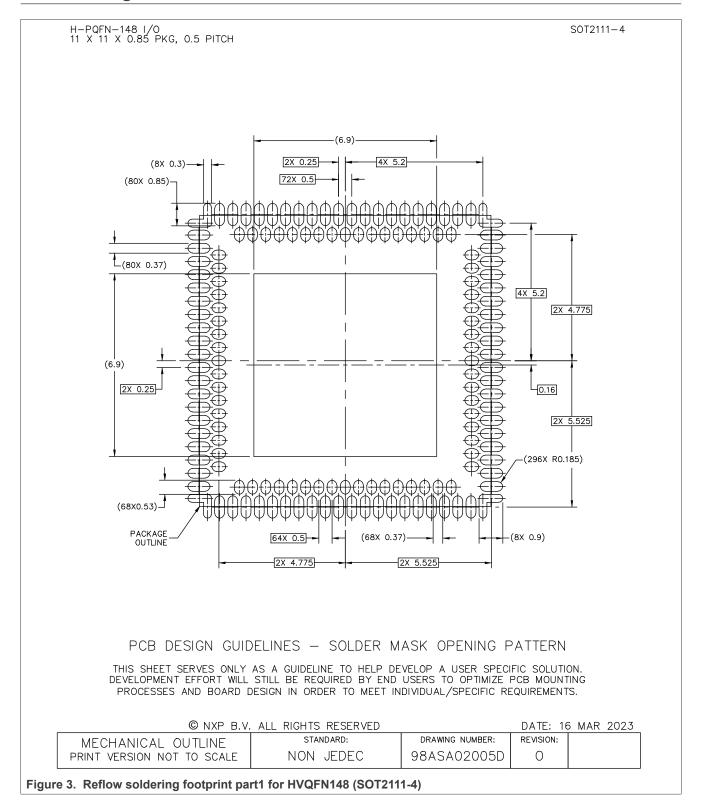


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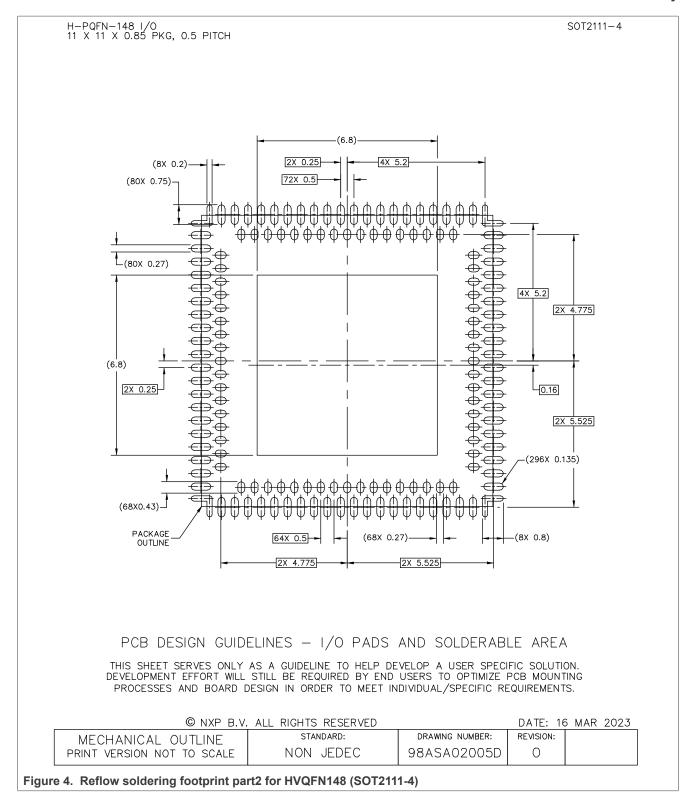


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3 Soldering

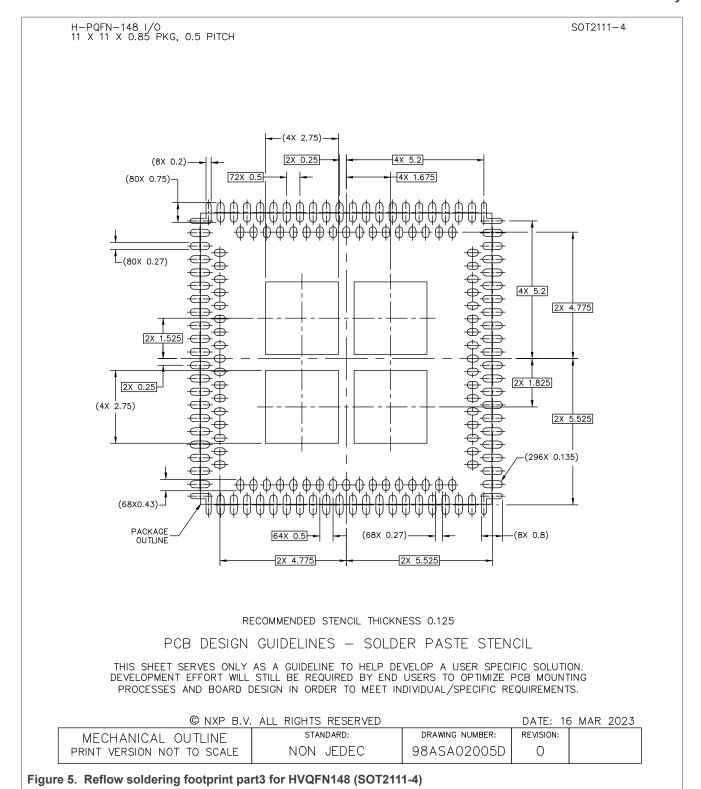


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H-PQFN-148 I/O 11 X 11 X 0.85 PKG, 0.5 PITCH SOT2111-4 NOTES: 1. ALL DIMENSIONS ARE IN MILLIMETERS. 2. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994. $\sqrt{3}$. PIN 1 FEATURE SHAPE, SIZE AND LOCATION MAY VARY. 4. COPLANARITY APPLIES TO LEADS AND DIE ATTACH PAD. 5. MIN. METAL GAP FOR LEAD TO EXPOSED PAD SHALL BE 0.2 MM. 6. ANCHORING PADS. © NXP B.V. ALL RIGHTS RESERVED DATE: 16 MAR 2023 STANDARD: DRAWING NUMBER: REVISION: MECHANICAL OUTLINE PRINT VERSION NOT TO SCALE NON JEDEC 98ASA02005D 0

Figure 6. Package outline note HVQFN148 (SOT2111-4)

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4 Legal information

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