SOT2088-1(SC)

HWQFN40, thermal enhanced very very thin quad flatpack; no leads, 40 terminals, 0.4 mm pitch, 5 mm x 5 mm x 0.68 mm body

4 September 2025 Package information



1 Package summary

Terminal position code Q (quad)

Package type descriptive code HWQFN40

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

leads)

Package body material type P (plastic)

Mounting method type S (surface mount)

Issue date 05-10-2023

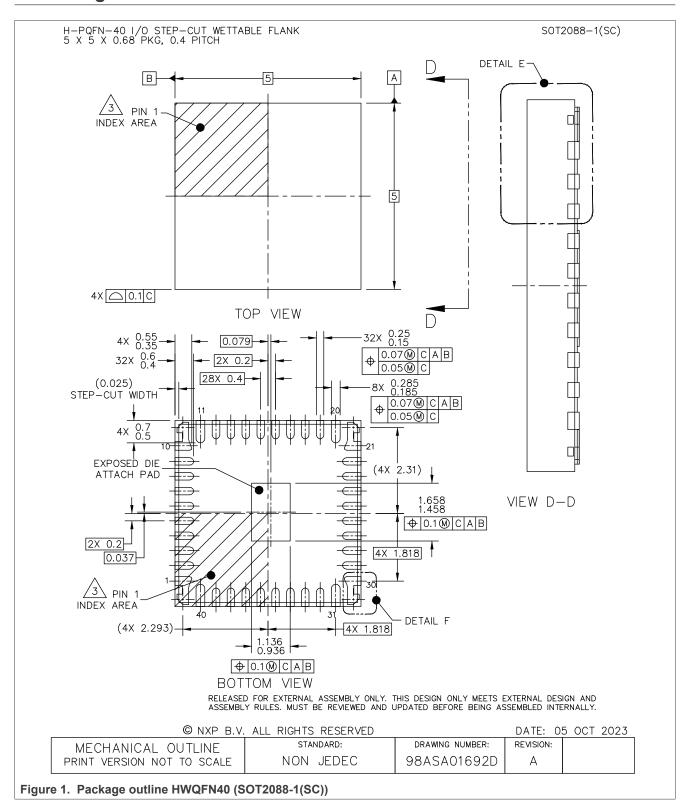
Manufacturer package code 98ASA01692D

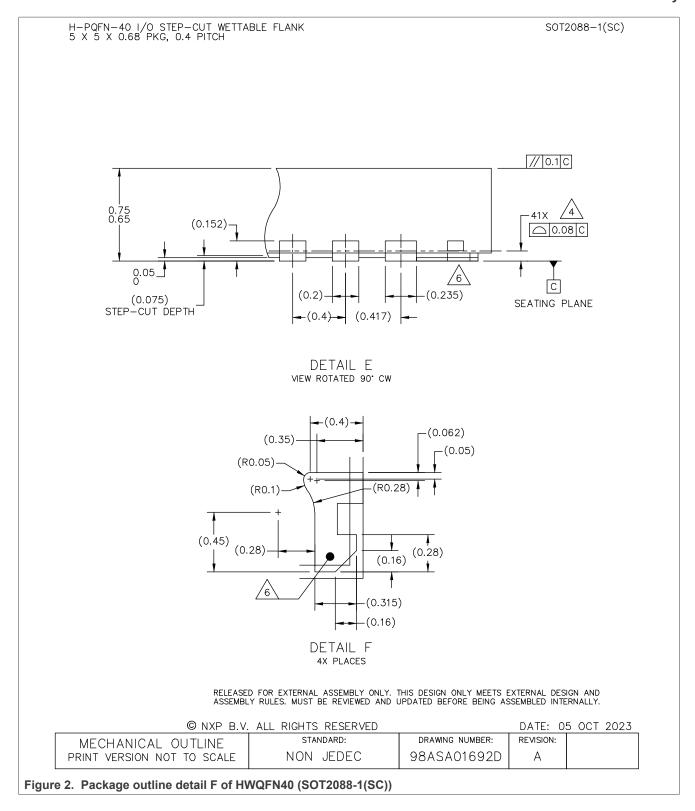
Table 1. Package summary

Parameter	Min	Nom	Max	Unit
package length	4.9	5	5.1	mm
package width	4.9	5	5.1	mm
seated height	0.65	0.68	0.75	mm
nominal pitch	-	0.4	-	mm
actual quantity of termination	-	40	-	

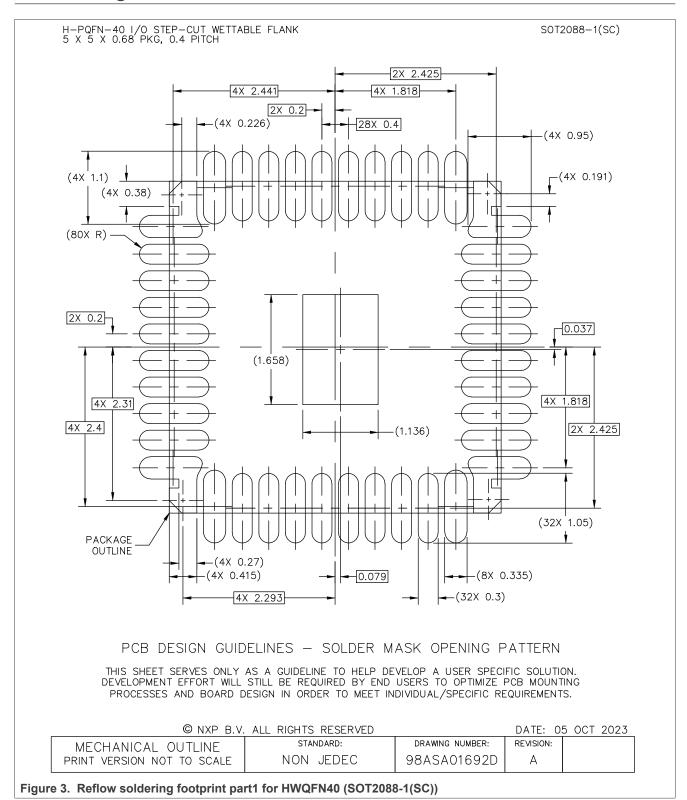


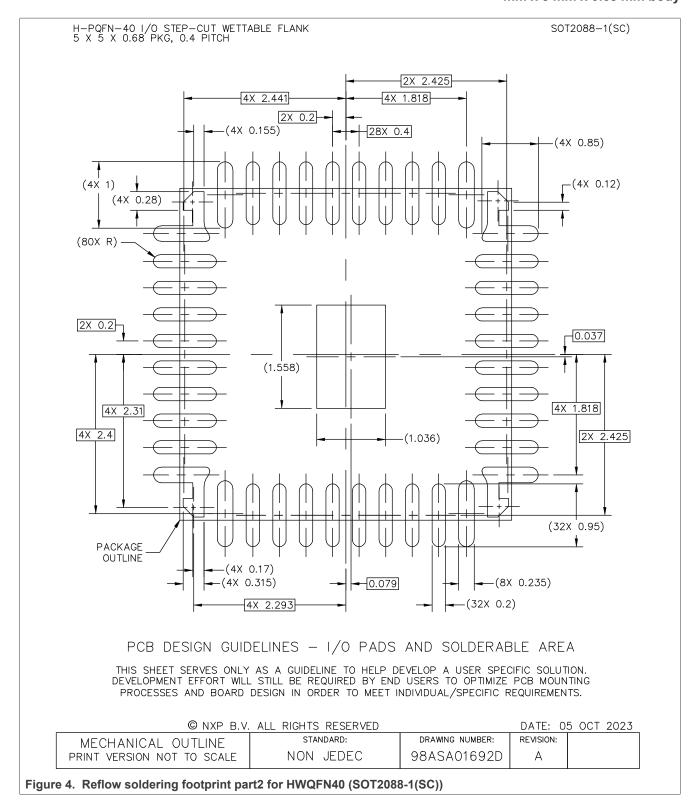
2 Package outline

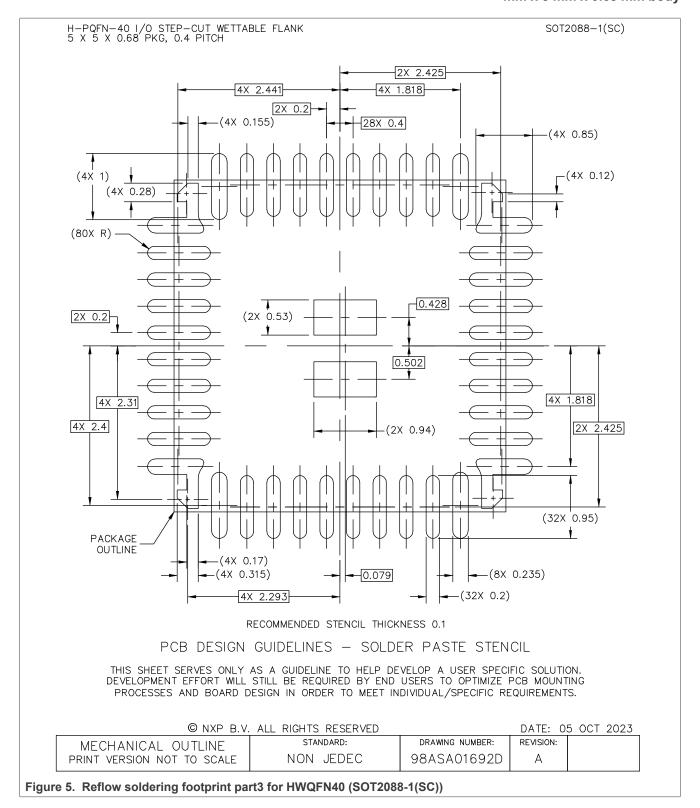




3 Soldering







H-PQFN-40 I/O STEP-CUT WETTABLE FLANK 5 X 5 X 0.68 PKG, 0.4 PITCH SOT2088-1(SC) 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 AND DIE ATTACH FLAG. 5. MIN. METAL GAP FOR LEAD TO EXPOSED PAD SHALL BE 0.2 MM. 6. ANCHORING PADS. © NXP B.V. ALL RIGHTS RESERVED DATE: 05 OCT 2023 STANDARD: DRAWING NUMBER: REVISION: MECHANICAL OUTLINE NON JEDEC 98ASA01692D Α PRINT VERSION NOT TO SCALE Figure 6. Package outline note HWQFN40 (SOT2088-1(SC))

4 Legal information

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