

SOT2039-1(SC)

HWQFN32, thermal enhanced, very-very thin quad flat package, no leads, step-cut wettable flank, 0.5 mm pitch, 5 mm x 5 mm x 0.68 mm body

28 December 2020

Package information

1 Package summary

Terminal position code Q (quad)

Package type descriptive code HWQFN32

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 13-05-2020

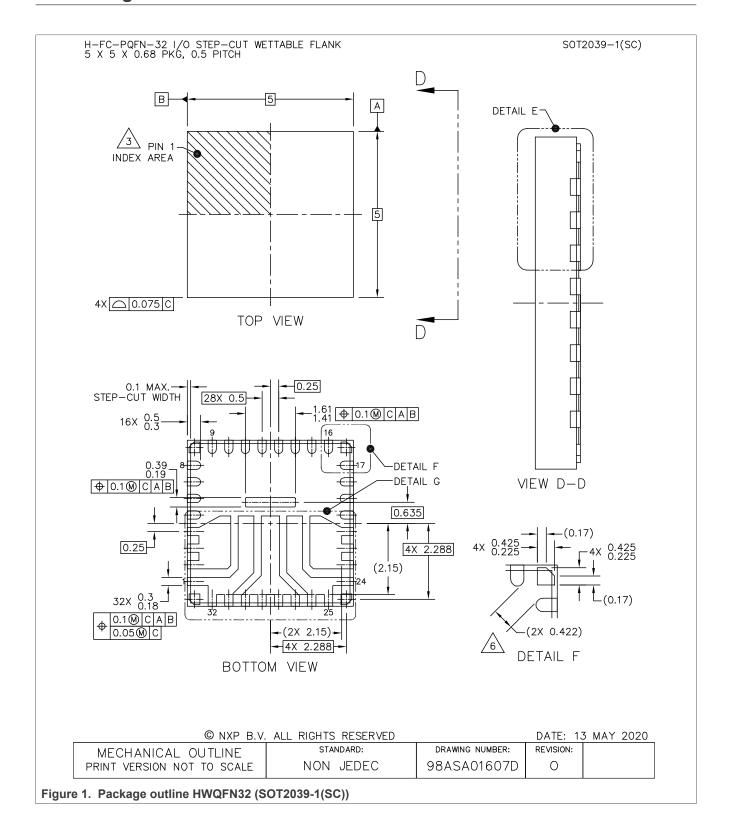
Manufacturer package code 98ASA01607D

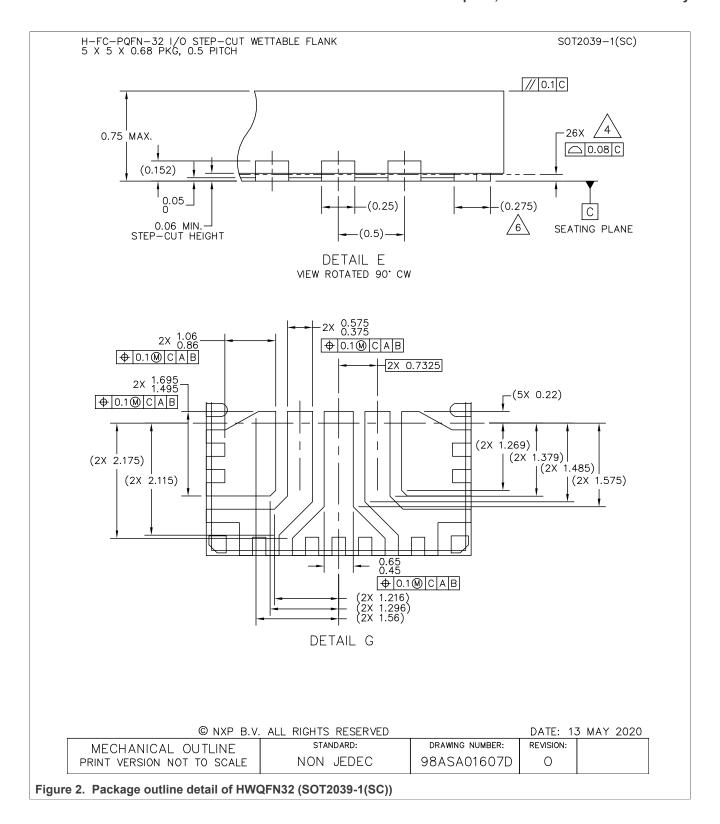
Table 1. Package summary

Parameter	Min	Nom	Max	Unit
package length	4.925	5	5.075	mm
package width	4.925	5	5.075	mm
seated height	-	0.68	0.75	mm
nominal pitch	-	0.5	-	mm
actual quantity of termination	-	32	-	

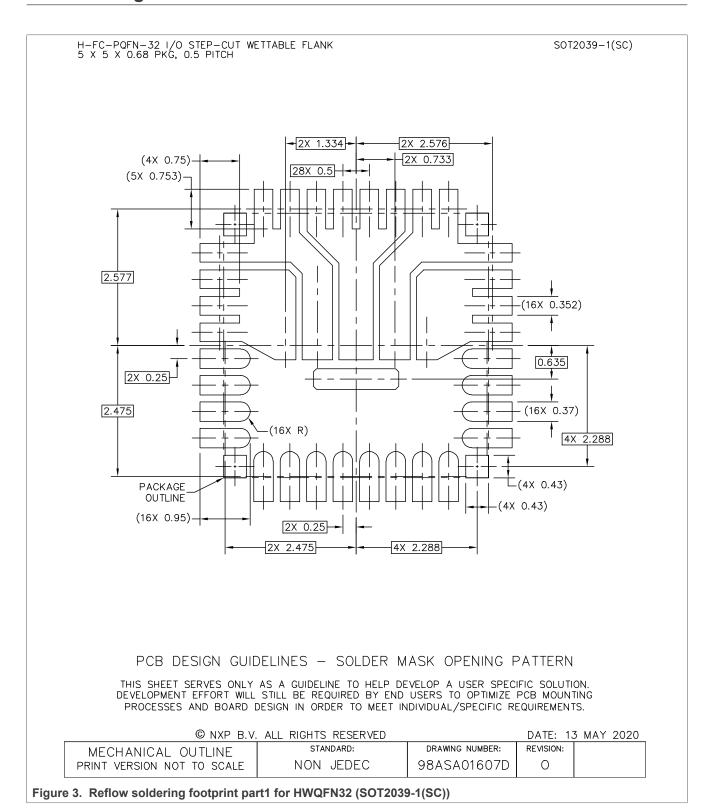


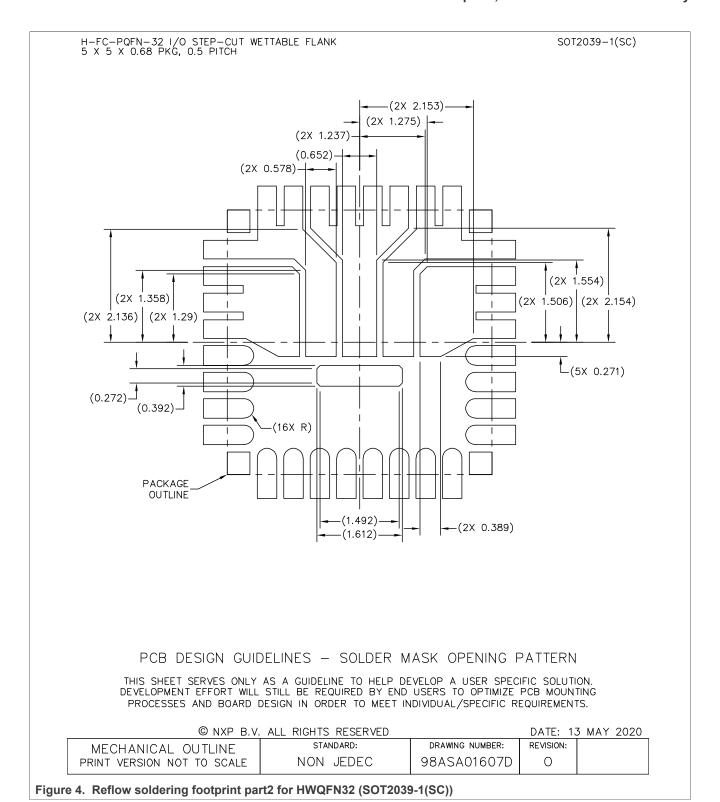
2 Package outline



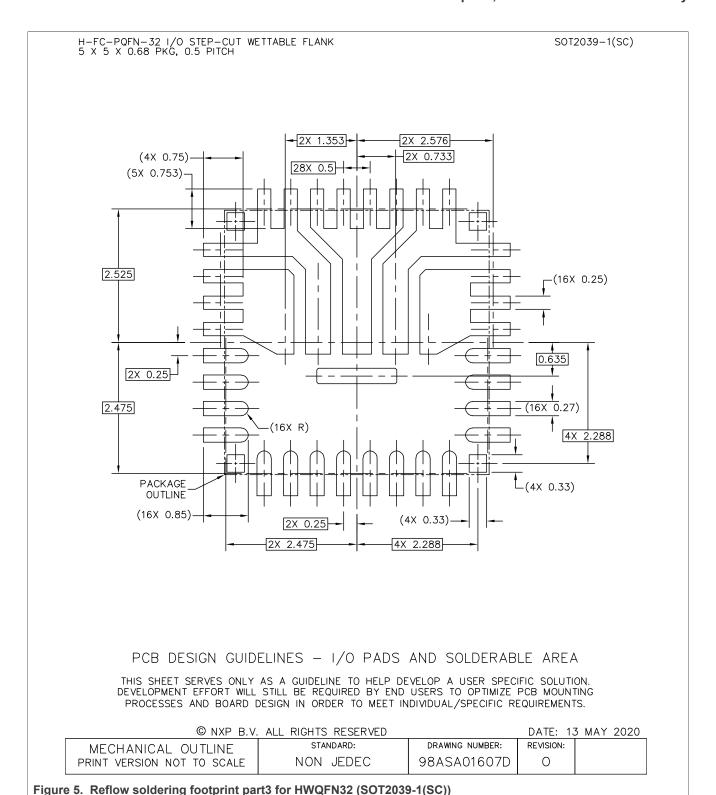


3 Soldering





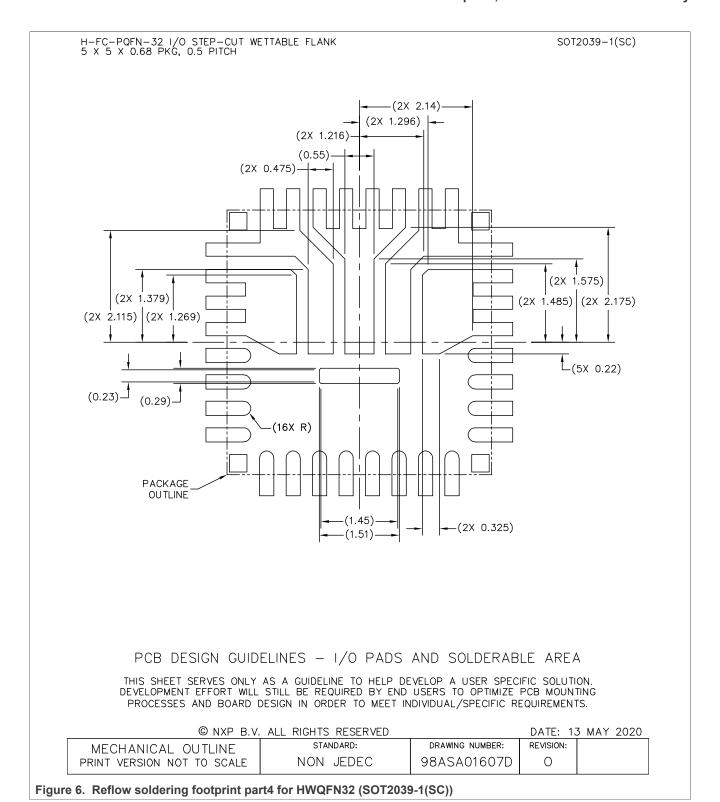
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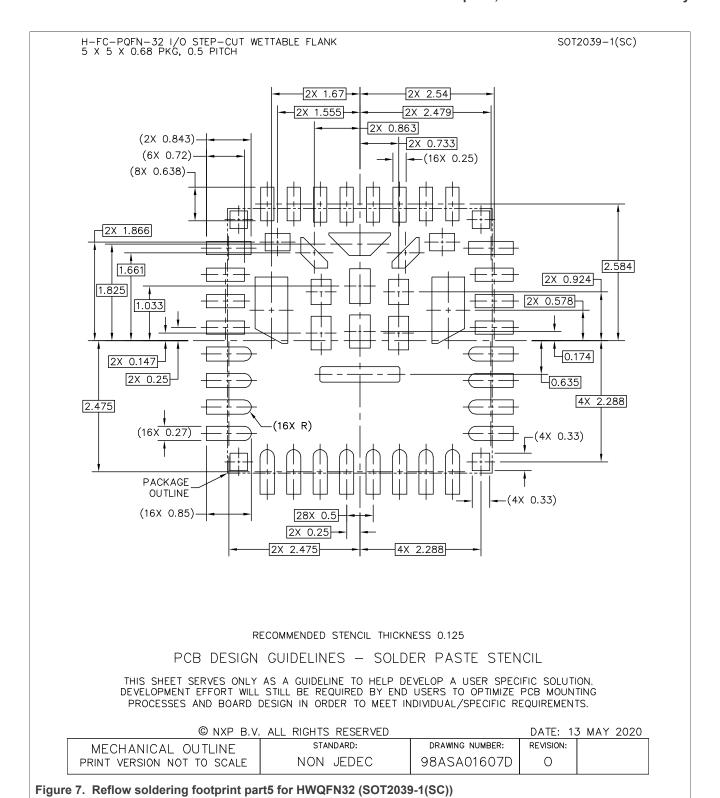
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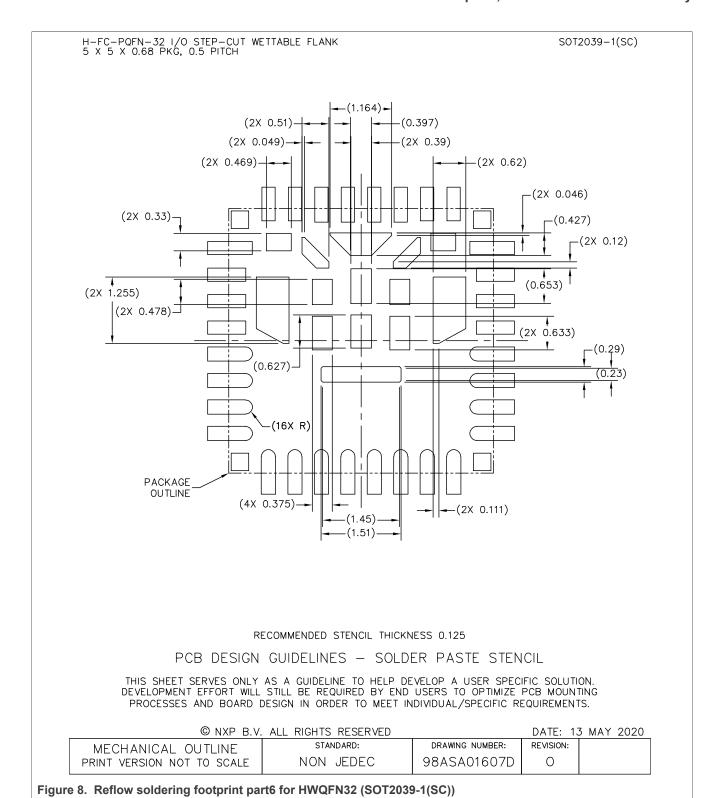
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H-FC-POFN-32 I/O STEP-CUT WETTABLE FLANK 5 X 5 X 0.68 PKG, 0.5 PITCH SOT2039-1(SC) NOTES: 1. ALL DIMENSIONS ARE IN MILLIMETERS. 2. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994. $\sqrt{3}$. PIN 1 FEATURE, SHAPE, SIZE AND LOCATION MAY VARY. /4.\COPLANARITY APPLIES TO LEADS AND DIE ATTACH PAD. 5. MIN. METAL GAP SHALL BE 0.19 MM. 6. ANCHORING PADS. © NXP B.V. ALL RIGHTS RESERVED DATE: 13 MAY 2020 DRAWING NUMBER: STANDARD: REVISION: MECHANICAL OUTLINE

Figure 9.	Package outline note HWQFN32 (SOT2039-1(SC))
9	1 4014490 0441110 110141 1102 (0012000 1(00))

PRINT VERSION NOT TO SCALE

NON JEDEC

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4 Legal information

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