# SOT2283-1

FC-PQFN-COL24, flip chip - plastic quad flat non-lead - chip on lead, 24 terminals, 0.5 mm pitch, 4.5 mm x 3.5 mm x 0.75 mm body

1 September 2025 Package information



## 1 Package summary

Terminal position code Q (quad)

Package type descriptive code FC-PQFN-COL24

Package style descriptive code FC-PQFN-COL (flip chip - plastic quad flat non-lead - chip on

lead)

Package body material type P (plastic)

Mounting method typeS (surface mount)Manufacturer package code98ASA02280D

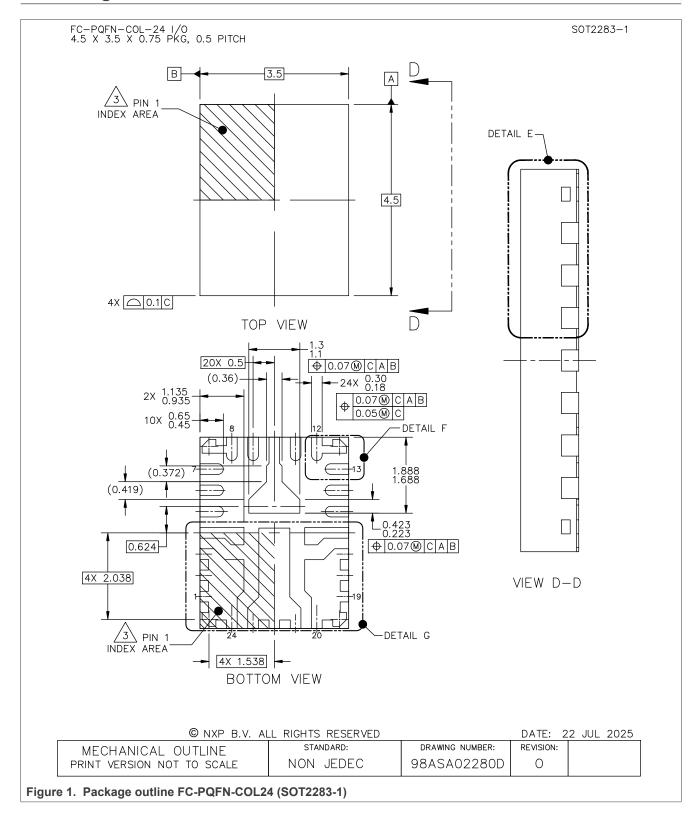
Table 1. Package summary

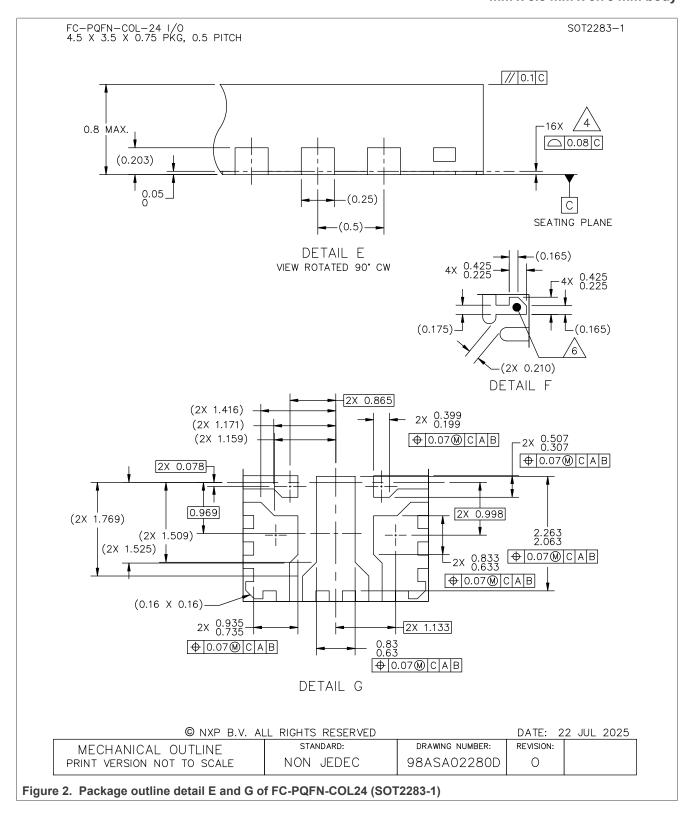
Parameter	Min	Nom	Max	Unit
package length	4.4	4.5	4.6	mm
package width	3.4	3.5	3.6	mm
seated height	0.7	0.75	0.8	mm
package height	0.7	0.75	0.8	mm
nominal pitch	-	0.5	-	mm
actual quantity of termination	-	24	-	



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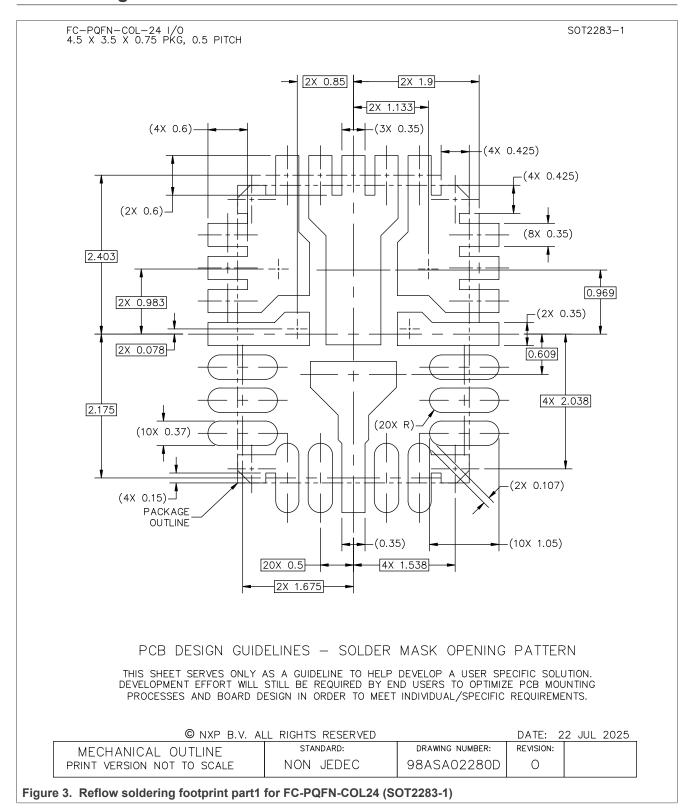
# 2 Package outline

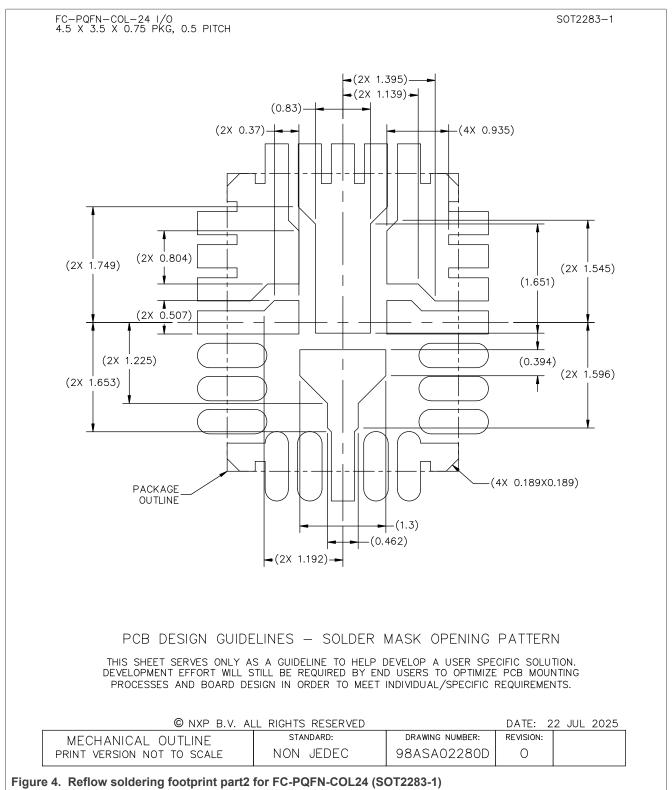


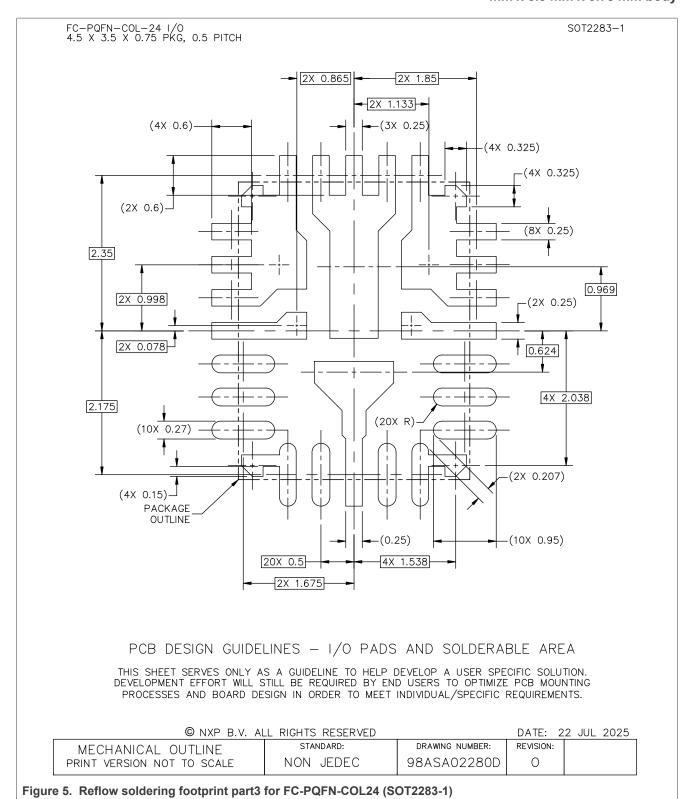


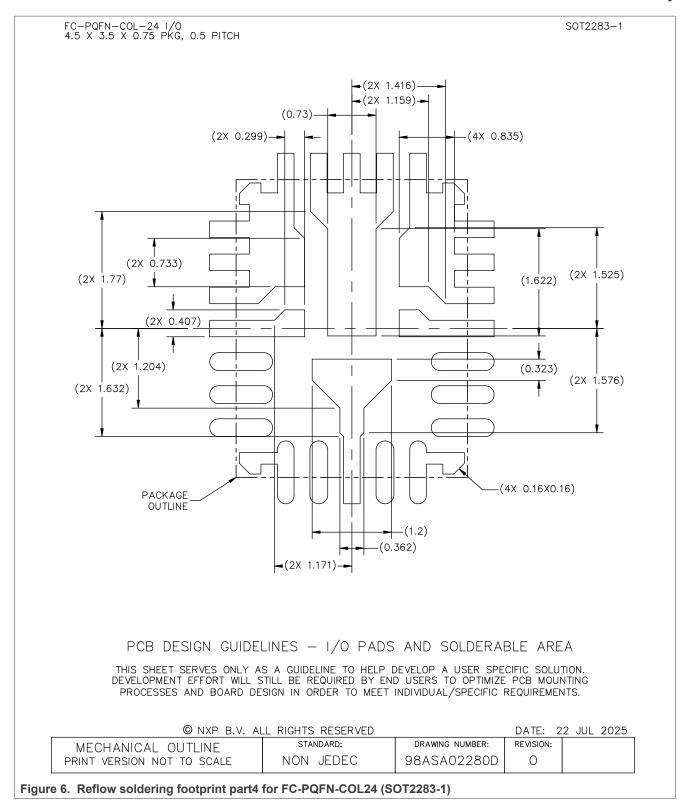
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### 3 Soldering

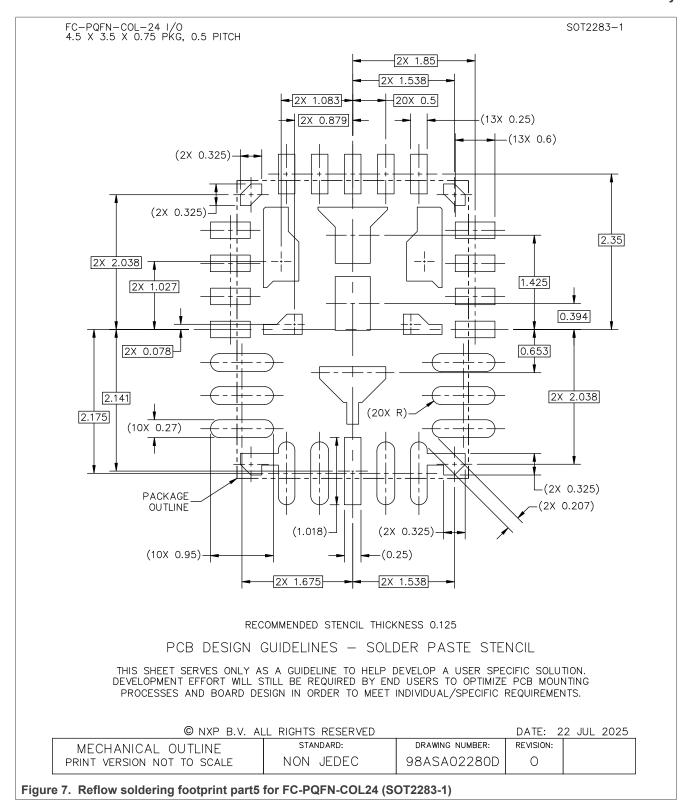




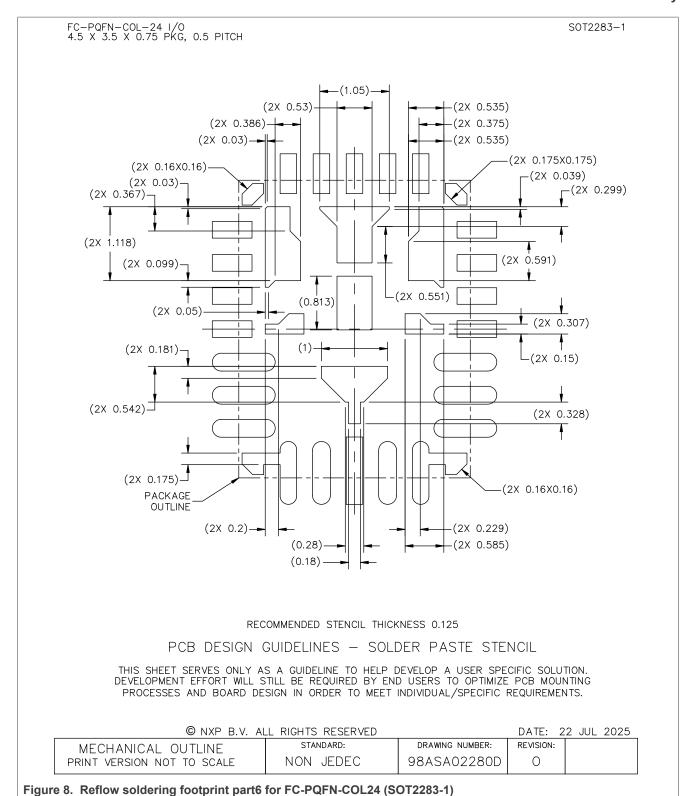




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FC-PQFN-COL-24 I/O 4.5 X 3.5 X 0.75 PKG, 0.5 PITCH S0T2283-1 NOTES: 1. ALL DIMENSIONS ARE IN MILLIMETERS. 2. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994.  $\sqrt{3}$ .\PIN 1 FEATURE, SHAPE, SIZE AND LOCATION MAY VARY. 4. COPLANARITY APPLIES TO 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: 22 JUL 2025 STANDARD: DRAWING NUMBER: REVISION: MECHANICAL OUTLINE NON JEDEC 98ASA02280D 0 PRINT VERSION NOT TO SCALE Figure 9. Package outline note FC-PQFN-COL24 (SOT2283-1)

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# 4 Legal information

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Document feedback