HVQFN81, plastic thermal enhanced very thin quad flat wettable flanks package; no leads; 81 terminals, 0.4 mm pitch, 8 mm x 7.5 mm x 0.85 mm body

12 December 2024

Package information



1 Package summary

Terminal position code	Q (quad)
Package type descriptive code	HVQFN81
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	10-12-2024
Manufacturer package code	98ASA02101D

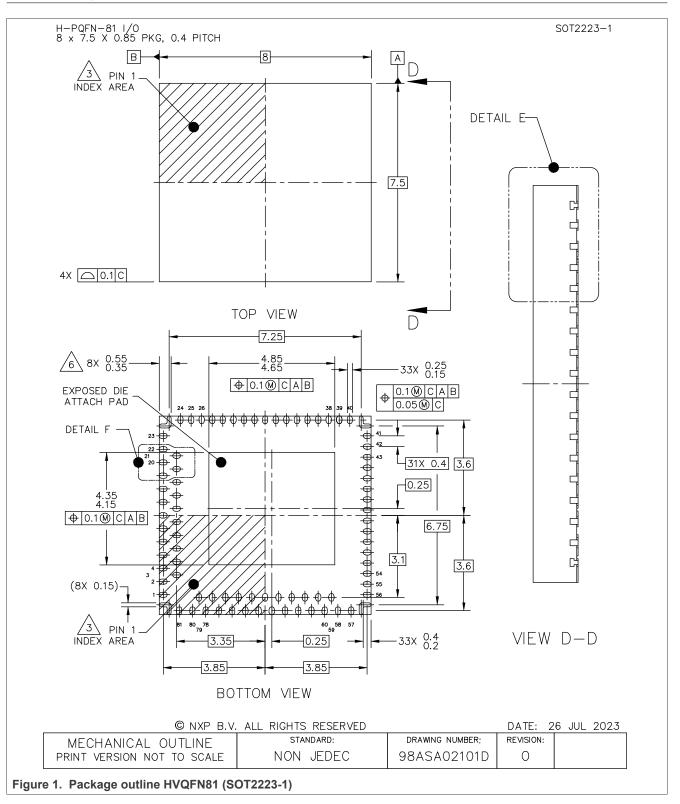
Table 1. Package summary

Parameter	Min	Nom	Мах	Unit
package length	7.9	8	8.1	mm
package width	7.4	7.5	7.6	mm
seated height	0.8	0.85	0.9	mm
package height	0.8	0.85	0.9	mm
nominal pitch	-	0.4	-	mm
actual quantity of termination	-	81	-	



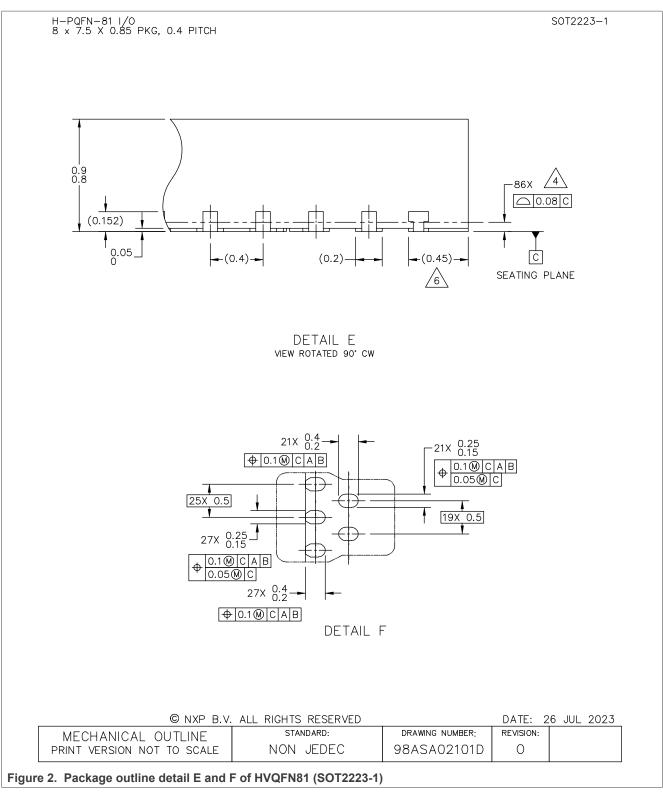
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2 Package outline



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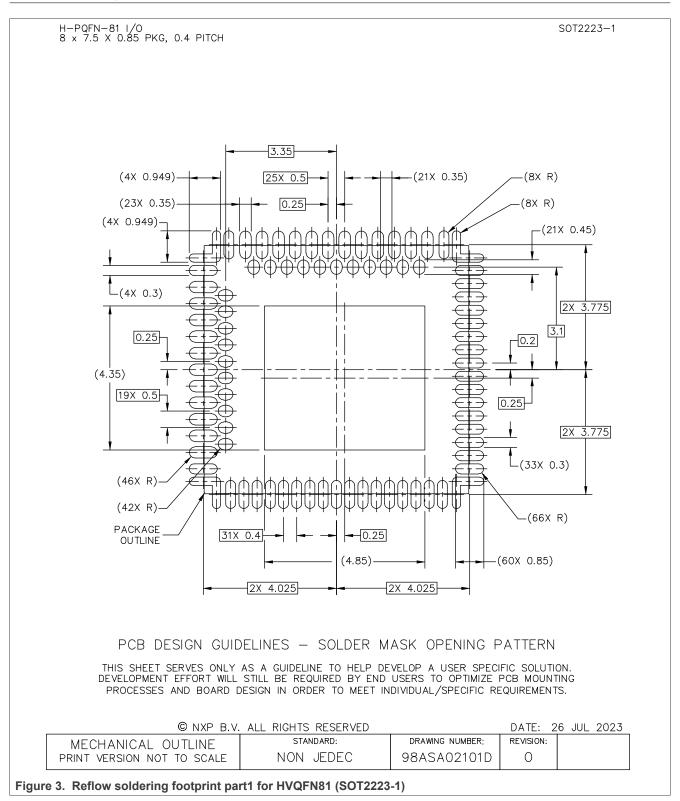
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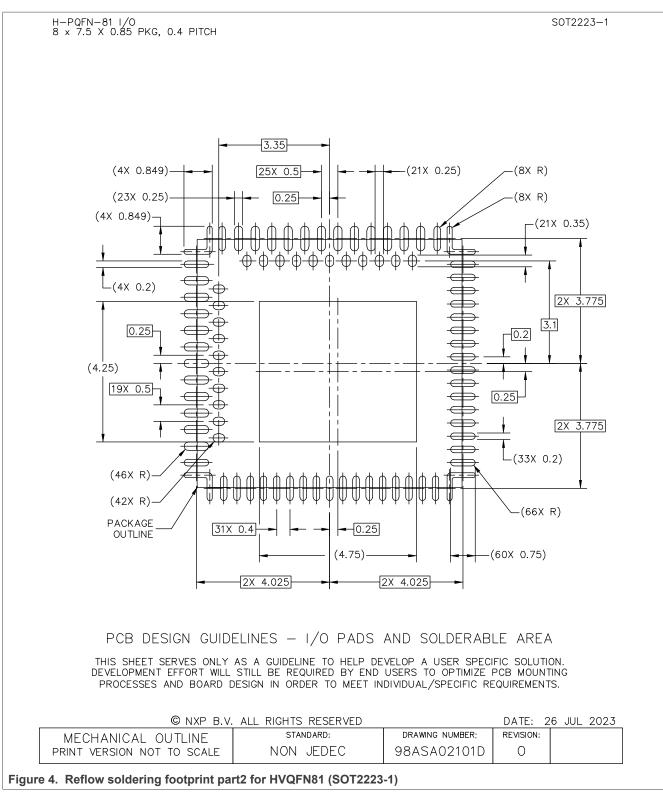
SOT2223-1
Package information

HVQFN81, plastic thermal enhanced very thin quad flat wettable flanks package; no leads; 81 terminals, 0.4 mm pitch, 8 mm x 7.5 mm x 0.85 mm body

Soldering 3



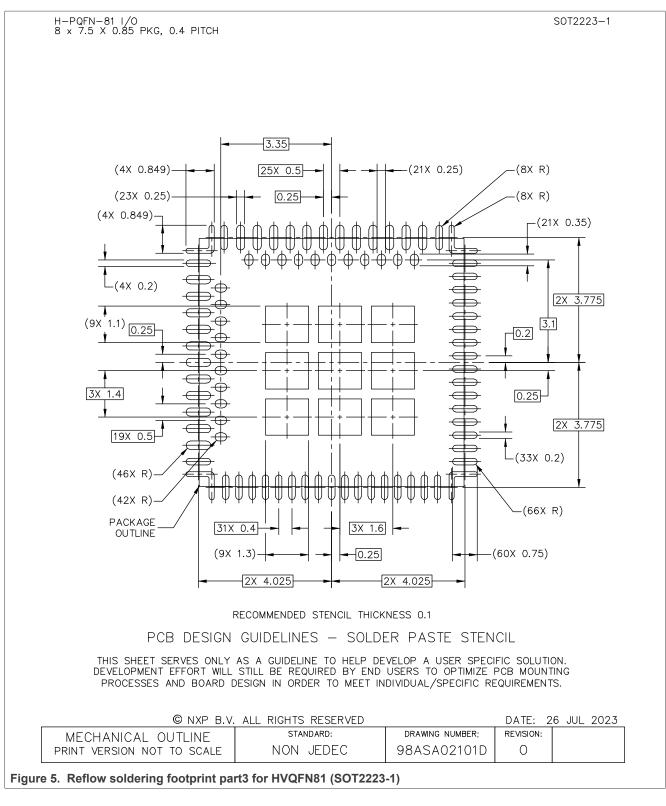
HVQFN81, plastic thermal enhanced very thin quad flat wettable flanks package; no leads; 81 terminals, 0.4 mm pitch, 8 mm x 7.5 mm x 0.85 mm body



SOT2223-1 Package information

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HVQFN81, plastic thermal enhanced very thin quad flat wettable flanks package; no leads; 81 terminals, 0.4 mm pitch, 8 mm x 7.5 mm x 0.85 mm body



SOT2223-1
Package information

HVQFN81, plastic thermal enhanced very thin quad flat wettable flanks package; no leads; 81 terminals, 0.4 mm pitch, 8 mm x 7.5 mm x 0.85 mm body

H-PQFN-81 I/O 8 x 7.5 X 0.85 PKG, 0.4 PITCH				SOT2223-1
NOTES:				
1. ALL DIMENSIONS ARE IN MILLIME	ETERS.			
2. DIMENSIONING AND TOLERANCIN	G PER ASME Y14.5M-199	4.		
3. PIN 1 FEATURE SHAPE, SIZE AN	ND LOCATION MAY VARY.			
4. COPLANARITY APPLIES TO LEAD				
5. MIN. METAL GAP FOR LEAD TO		0.2 MM.		
6. ANCHORING PADS.				
© NYP R V /	ALL RIGHTS RESERVED		DATE: 2	6 JUL 2023
MECHANICAL OUTLINE	STANDARD:	DRAWING NUMBER:	REVISION:	
PRINT VERSION NOT TO SCALE	NON JEDEC	98ASA02101D	0	

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4 Legal information

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Date of release: 12 December 2024 Document identifier: SOT2223-1