# SOT917-7

HVQFN20, plastic thermal enchanced very thin quad flat package; no leads; 20 terminals; 0.5 mm pitch, 4 mm x 4 mm 0.85 mm body

27 March 2024 Package information



### 1 Package summary

Terminal position code Q (quad)
Package type descriptive code HVQFN20

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 date20-02-2023Manufacturer package code98ASA02044D

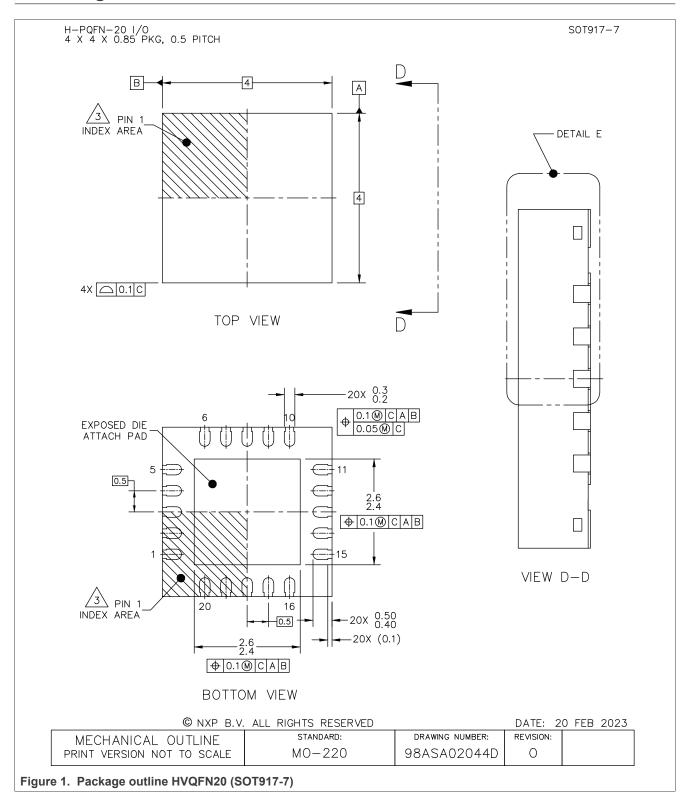
Table 1. Package summary

Parameter	Min	Nom	Max	Unit
package length	3.9	4	4.1	mm
package width	3.9	4	4.1	mm
package height	0.8	0.85	1	mm
nominal pitch	-	0.5	-	mm
actual quantity of termination	-	20	-	

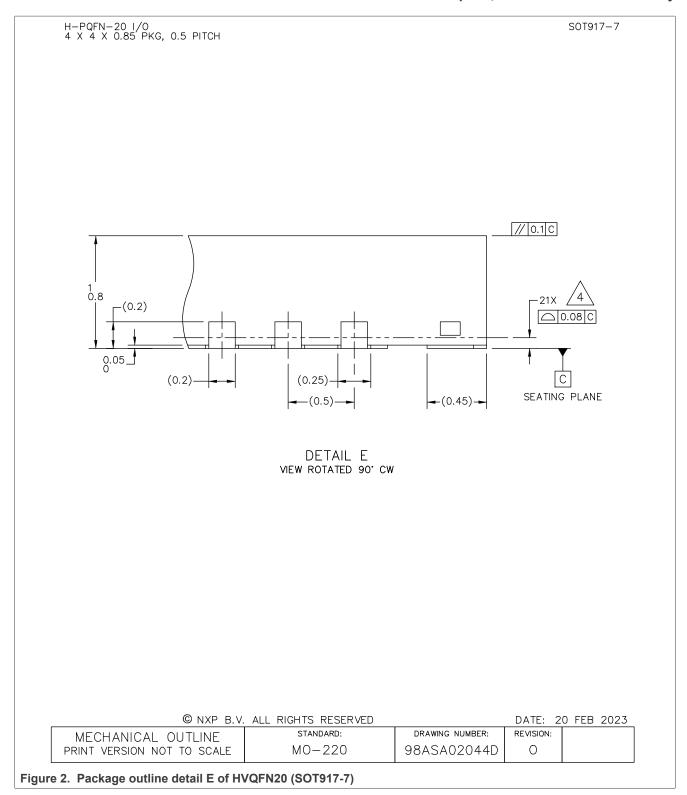


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## 2 Package outline



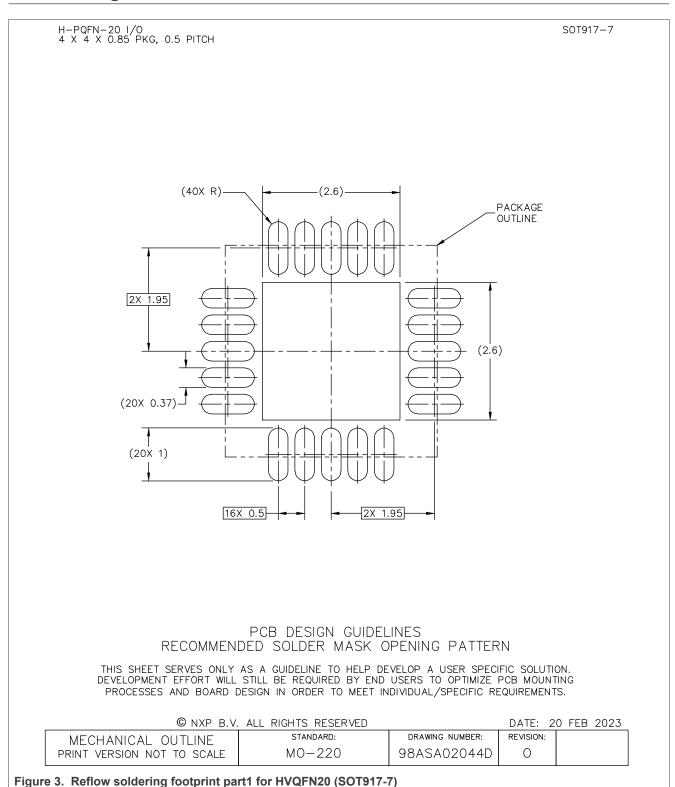
HVQFN20, plastic thermal enchanced very thin quad flat package; no leads; 20 terminals; 0.5 mm pitch, 4 mm x 4 mm 0.85 mm body



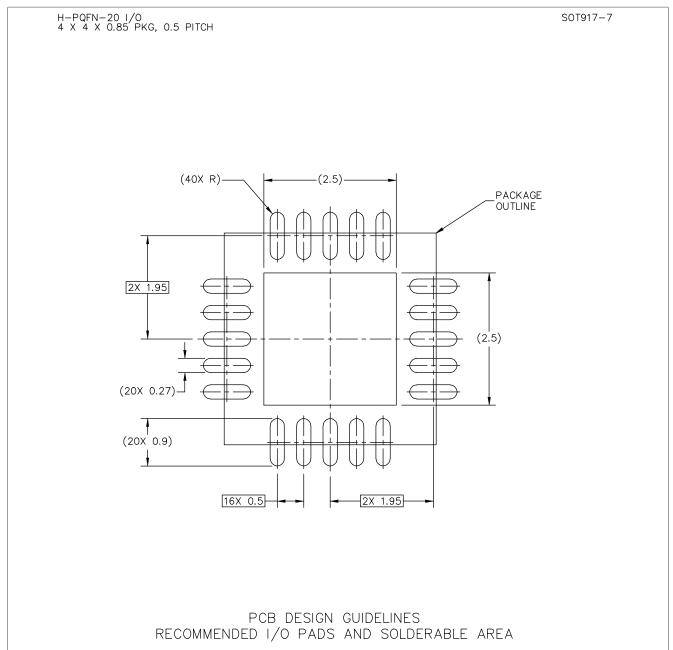
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### 3 Soldering



HVQFN20, plastic thermal enchanced very thin quad flat package; no leads; 20 terminals; 0.5 mm pitch, 4 mm x 4 mm 0.85 mm body

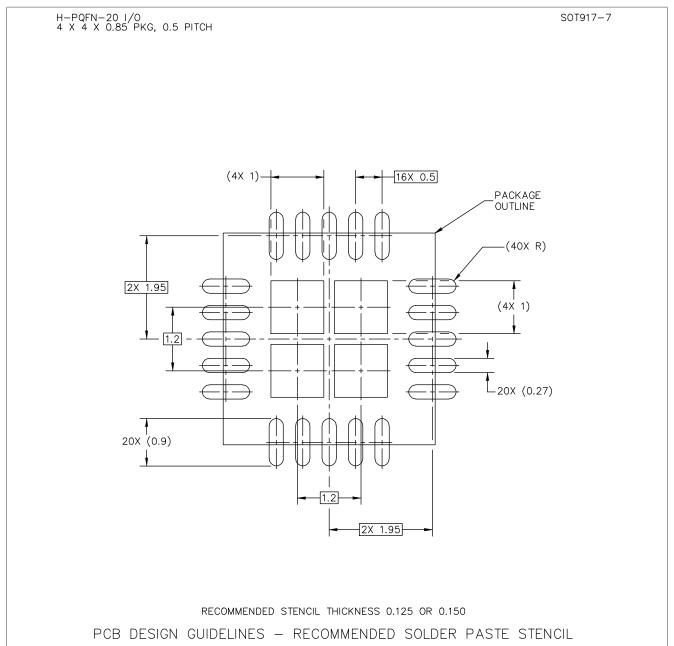


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Figure 4. Reflow soldering footprint part2 for HVQFN20 (SOT917-7)

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Figure 5. Reflow soldering footprint part3 for HVQFN20 (SOT917-7)

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H-PQFN-20 I/O 4 X 4 X 0.85 PKG, 0.5 PITCH SOT917-7

#### 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, DIE ATTACH FLAG.

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5. MIN. METAL GAP SHOULD BE 0.2 MM.

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Figure 6. Package outline note HVQFN20 (SOT917-7)

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## 4 Legal information

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### **Contents**

1	Package summary	1
2	Package outline	2
3	Soldering	
4	Legal information	8