

13 August 2019

**Package information** 

## **Package summary**

**Terminal position code** Q (quad) HQFN24 Package type descriptive code

Package style descriptive code HQFN (thermal enhanced quad flatpack; no

leads)

Package body material type P (plastic)

Mounting method type S (surface mount)

26-07-2019 Issue date

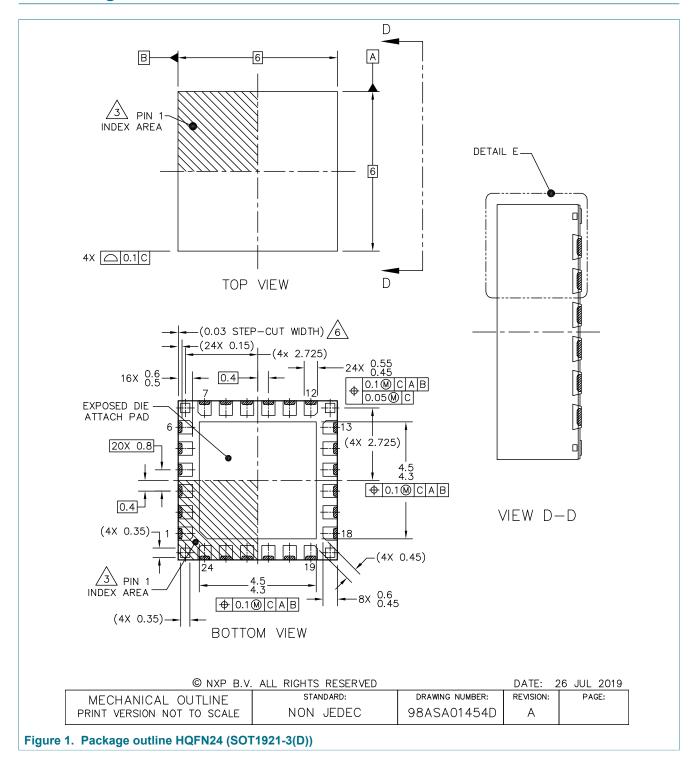
98ASA01454D Manufacturer package code

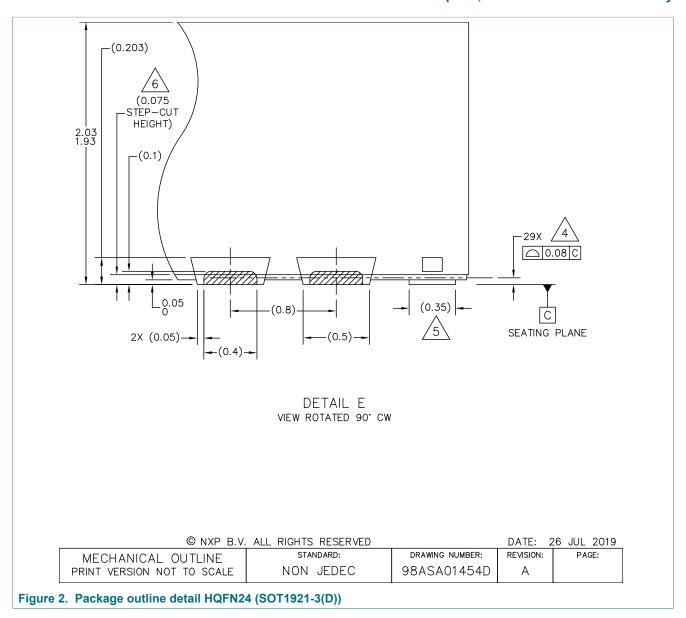
Table 1. Package summary

Parameter	Min	Nom	Max	Unit
package length	-	6	-	mm
package width	-	6	-	mm
package height	-	1.98	-	mm
nominal pitch	-	0.8	-	mm
actual quantity of termination	-	24	-	



# 2 Package outline





# 3 Soldering

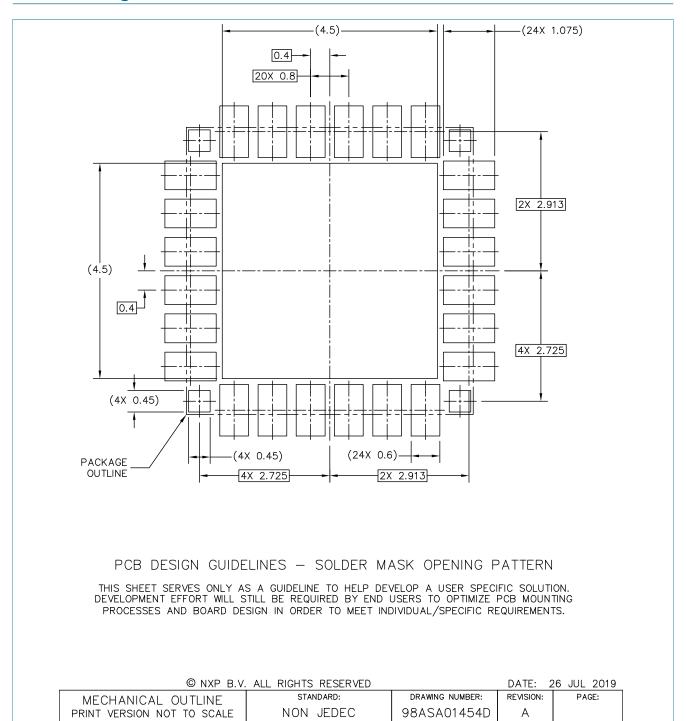


Figure 3. Reflow soldering footprint part1 of HQFN24 (SOT1921-3(D))

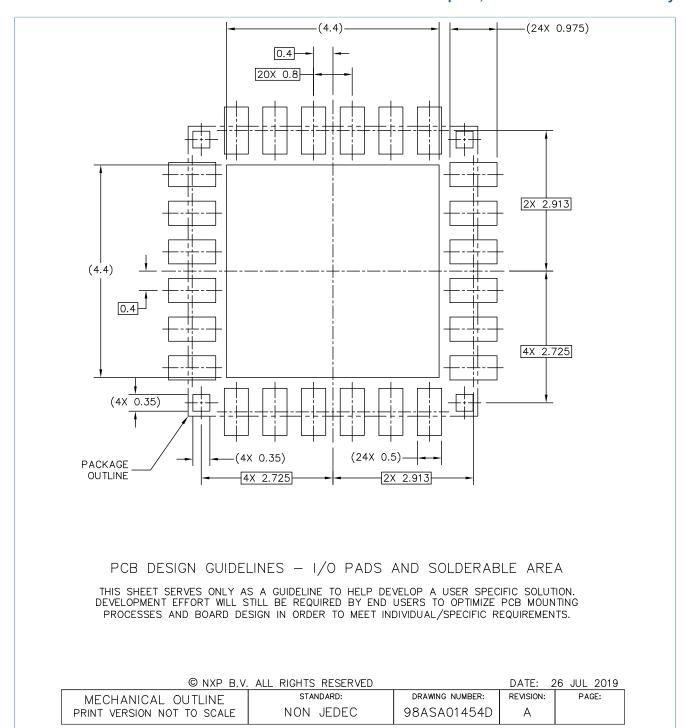


Figure 4. Reflow soldering footprint part2 of HQFN24 (SOT1921-3(D))

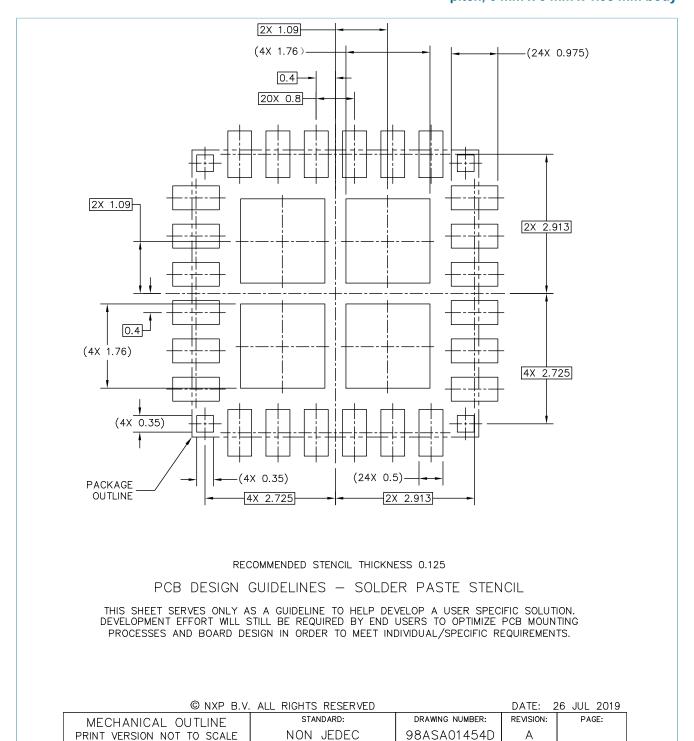
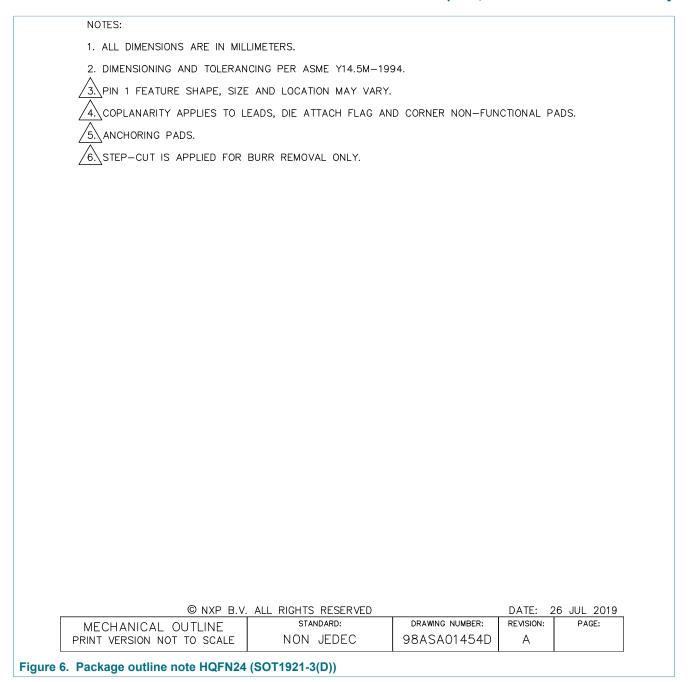


Figure 5. Reflow soldering footprint part3 of HQFN24 (SOT1921-3(D))



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#### **NXP Semiconductors**

SOT1921-3(D)

HQFN24, thermal enhanced quad flat package, no leads, 0.1 dimple wettable flank, 24 terminals, 0.8 mm pitch, 6 mm x 6 mm x 1.98 mm body

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Date of release: 13 August 2019