

SOT2031-1

FBGA576, fine-pitch ball grid array package, 576 terminals, 0.75 mm pitch, 19 mm x 19 mm x 2.011 mm body

Package information

# **Package summary**

Terminal position code B (bottom)

FBGA576 Package type descriptive code

Package style descriptive code FBGA (fine-pitch ball grid array)

Package body material type P (plastic)

Mounting method type S (surface mount)

Issue date 25-06-2019

98ASA01378D Manufacturer package code

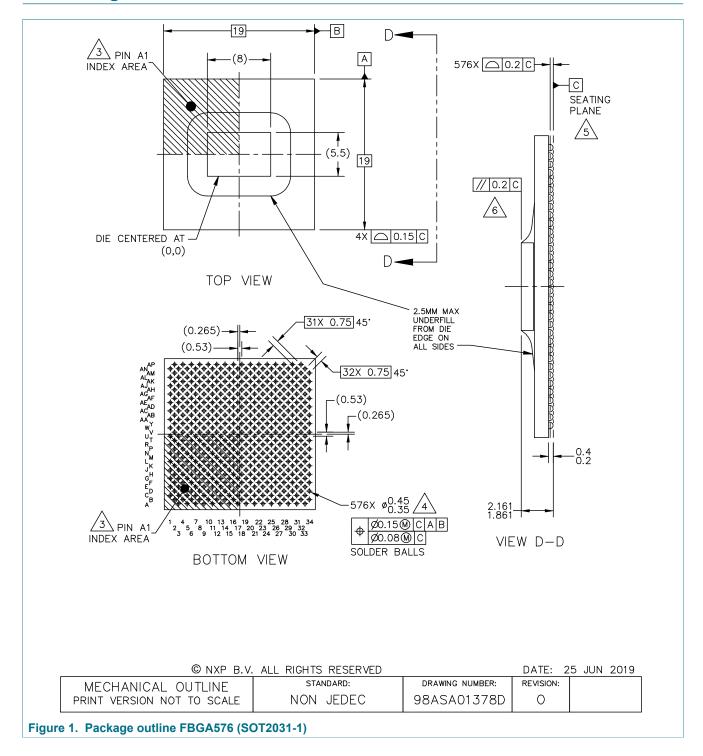
Table 1. Package summary

Parameter	Min	Nom	Max	Unit
package length	-	19	-	mm
package width	-	19	-	mm
package height	-	2.011	-	mm
nominal pitch	-	0.75	-	mm
actual quantity of termination	-	576	-	



FBGA576, fine-pitch ball grid array package, 576 terminals, 0.75 mm pitch, 19 mm x 19 mm x 2.011 mm body

# 2 Package outline



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### 3 Soldering

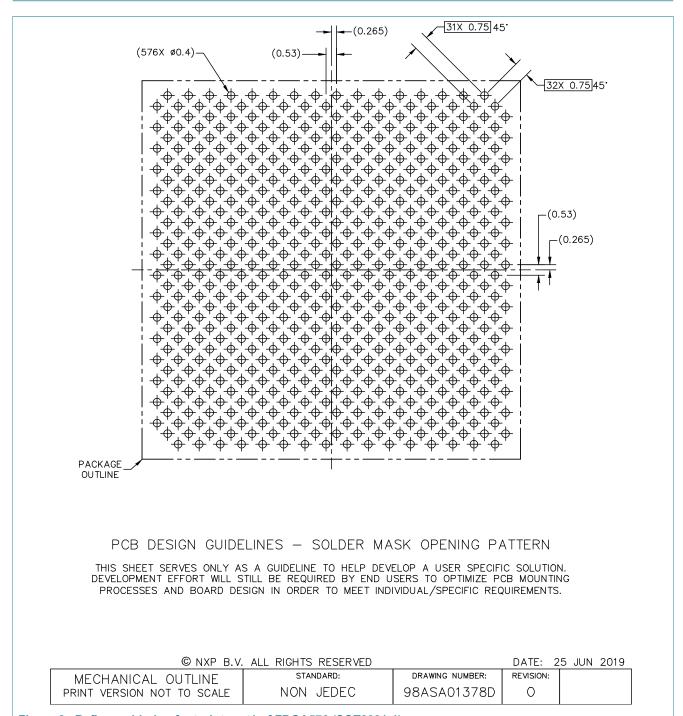


Figure 2. Reflow soldering footprint part1 of FBGA576 (SOT2031-1)

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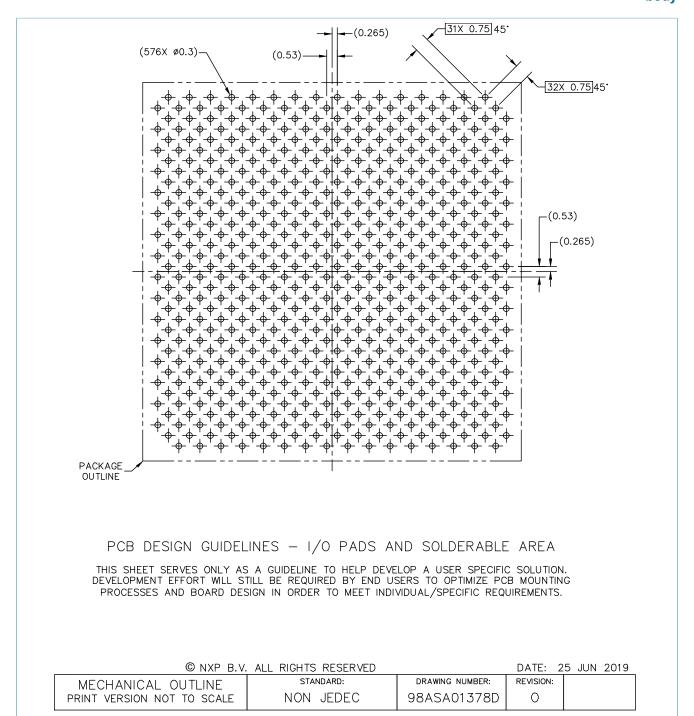


Figure 3. Reflow soldering footprint part2 of FBGA576 (SOT2031-1)

FBGA576, fine-pitch ball grid array package, 576 terminals, 0.75 mm pitch, 19 mm x 19 mm x 2.011 mm

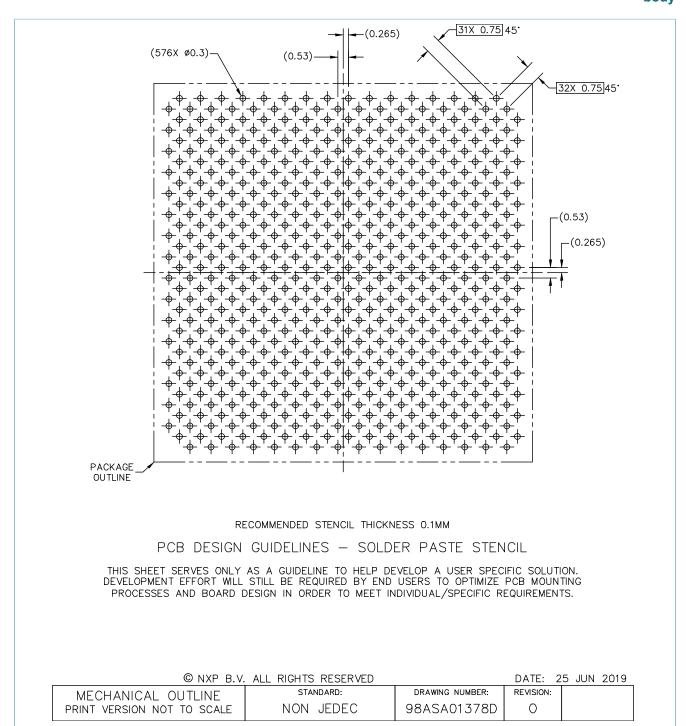


Figure 4. Reflow soldering footprint part3 of FBGA576 (SOT2031-1)

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### NOTES:

1. ALL DIMENSIONS IN MILLIMETERS.

2. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994.

 $\sqrt{3}$ . PIN A1 FEATURE SHAPE, SIZE AND LOCATION MAY VARY.

DATUM C, THE SEATING PLANE, IS DETERMINED BY THE SPHERICAL CROWNS OF THE SOLDER BALLS.

MAXIMUM SOLDER BALL DIAMETER MEASURED PARALLEL TO DATUM C.

PARALLELISM MEASUREMENT SHALL EXCLUDE ANY EFFECT OF MARK ON TOP SURFACE OF PACKAGE.

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DATE: 25 JUN 2019 DRAWING NUMBER: REVISION: STANDARD: MECHANICAL OUTLINE 0 PRINT VERSION NOT TO SCALE NON JEDEC 98ASA01378D

Figure 5. Package outline note FBGA576 (SOT2031-1)

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# 4 Legal information

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