SOT2167-2

LFBGA306, low profile fine-pitched ball grid array package, 306 terminals, 0.5 mm pitch, 11 mm x 11 mm x 1.124 mm body 22 April 2022 Package information

1 Package summary

Terminal position code B (bottom)

Package type descriptive code LFBGA306

Package type descriptive code LFBGA306

Package style descriptive code LFBGA (low profile fine-pitch ball grid array)

Package body material type P (plastic)

Mounting method type S (surface mount)

Issue date 03-10-2022

Manufacturer package code 98ASA01880D

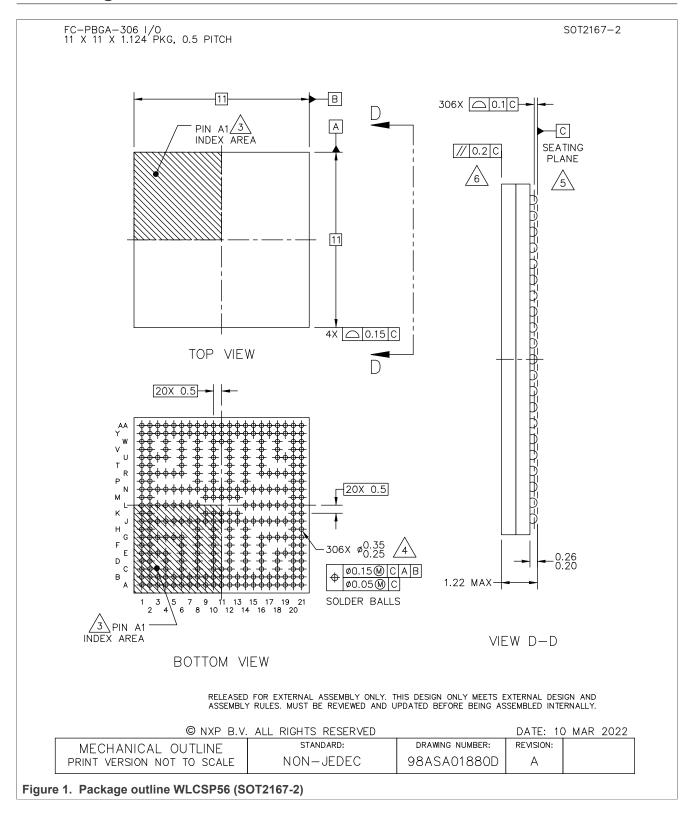
Table 1. Package summary

Parameter	Min	Nom	Max	Unit
package length	-	11	-	mm
package width	-	11	-	mm
seated height	-	1.124	1.22	mm
nominal pitch	-	0.5	-	mm
actual quantity of termination	-	306	-	



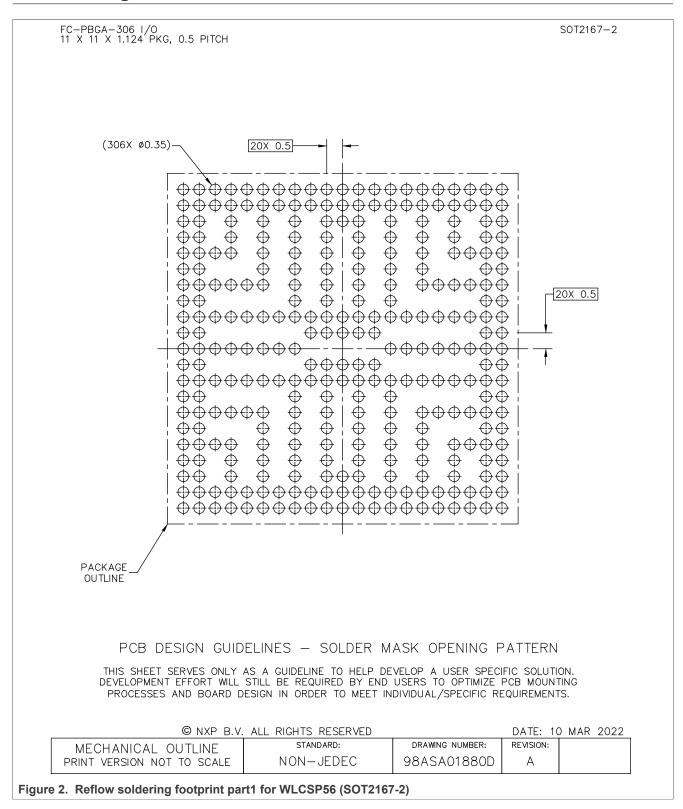
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2 Package outline

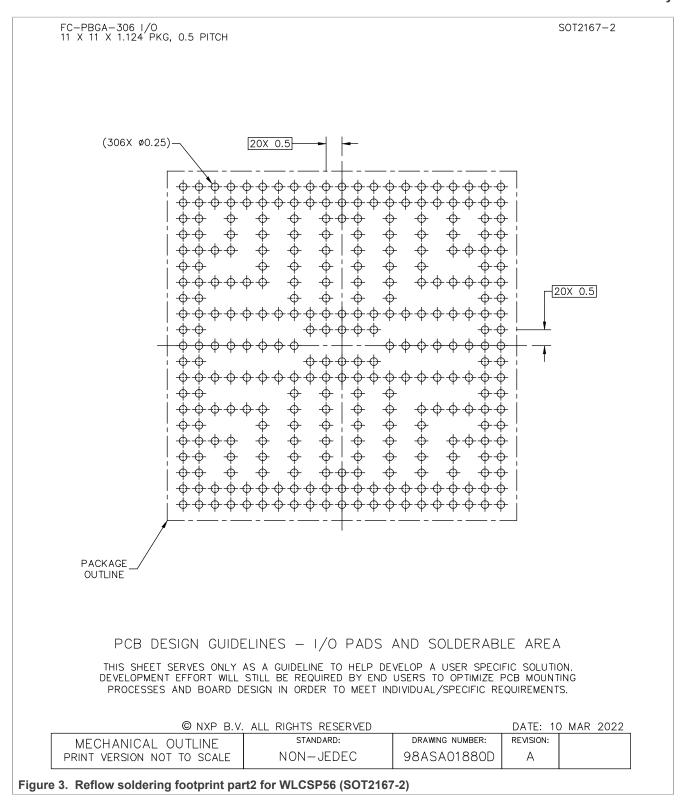


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3 Soldering

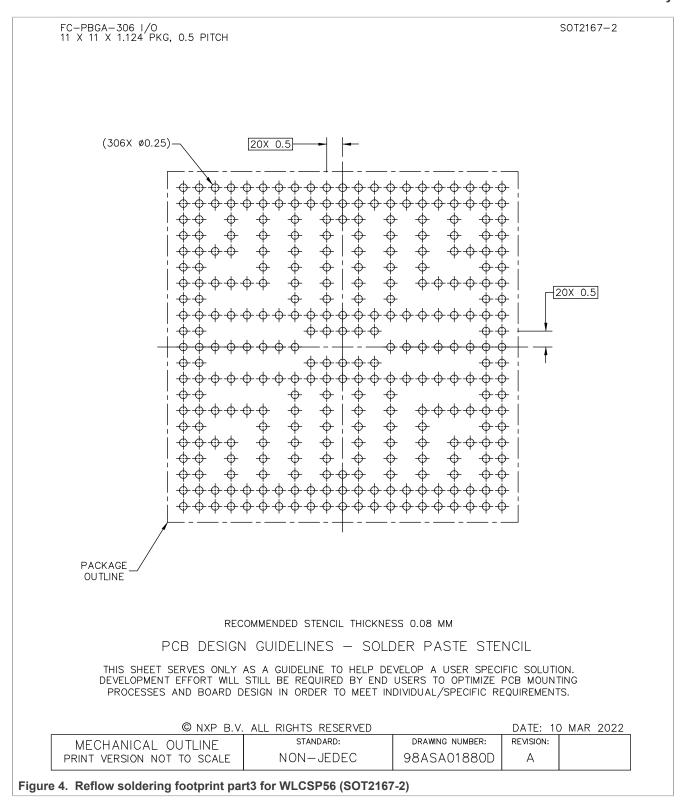


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FC-PBGA-306 I/O 11 X 11 X 1.124 PKG, 0.5 PITCH

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NOTES:

- 1. ALL DIMENSIONS IN MILLIMETERS.
- 2. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994.

PIN A1 FEATURE SHAPE, SIZE AND LOCATION MAY VARY.

MAXIMUM SOLDER BALL DIAMETER MEASURED PARALLEL TO DATUM C.

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

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

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DATE: 10 MAR 2022 DRAWING NUMBER: STANDARD: REVISION: MECHANICAL OUTLINE NON-JEDEC 98ASA01880D PRINT VERSION NOT TO SCALE Α

Figure 5. Package outline note WLCSP56 (SOT2167-2)

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4 Legal information

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