



LFBGA164, low profile fine-pitch ball grid array package, 164 terminals, 0.5 mm pitch, 8 mm x 8 mm x 1.146 mm body

4 November 2019

Package information

1 Package summary

Terminal position code B (bottom)

Package type descriptive code LFBGA164

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

Mounting method type S (surface mount)

Issue date03-10-2019Manufacturer package code98ASA01391D

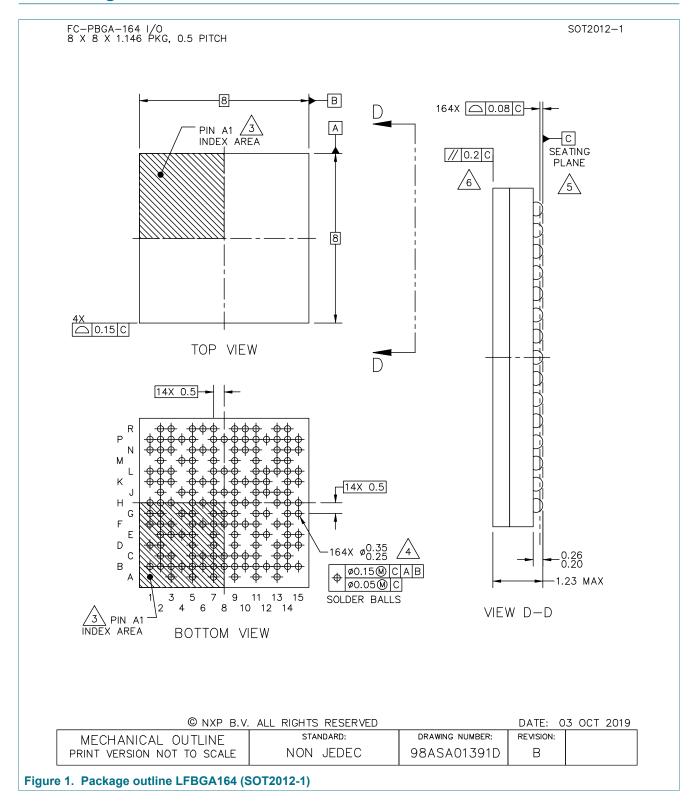
Table 1. Package summary

Parameter	Min	Nom	Max	Unit
package length	7.85	8	8.15	mm
package width	7.85	8	8.15	mm
package height	-	1.146	1.23	mm
nominal pitch	-	0.5	-	mm
actual quantity of termination	-	164	-	



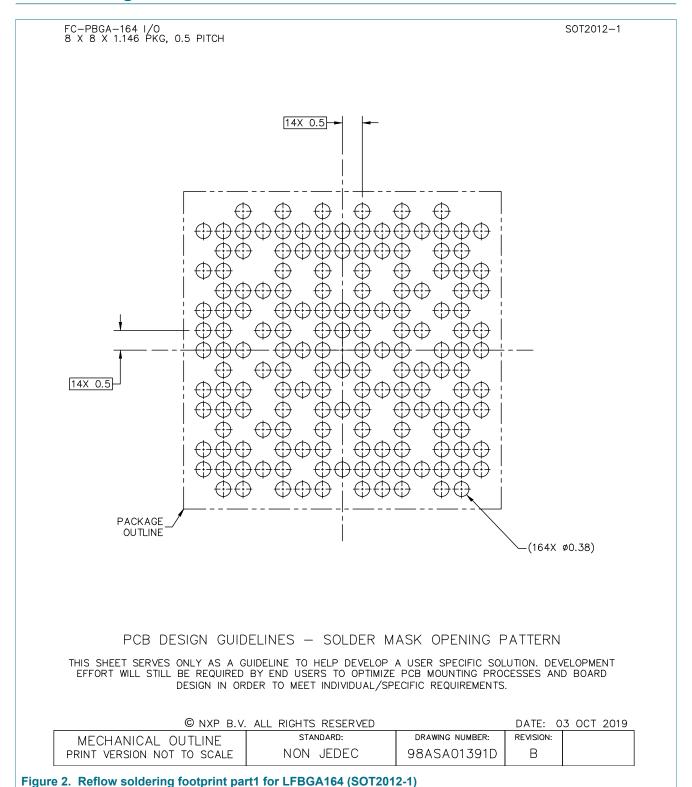
LFBGA164, low profile fine-pitch ball grid array package, 164 terminals, 0.5 mm pitch, 8 mm x 8 mm x 1.146 mm body

2 Package outline



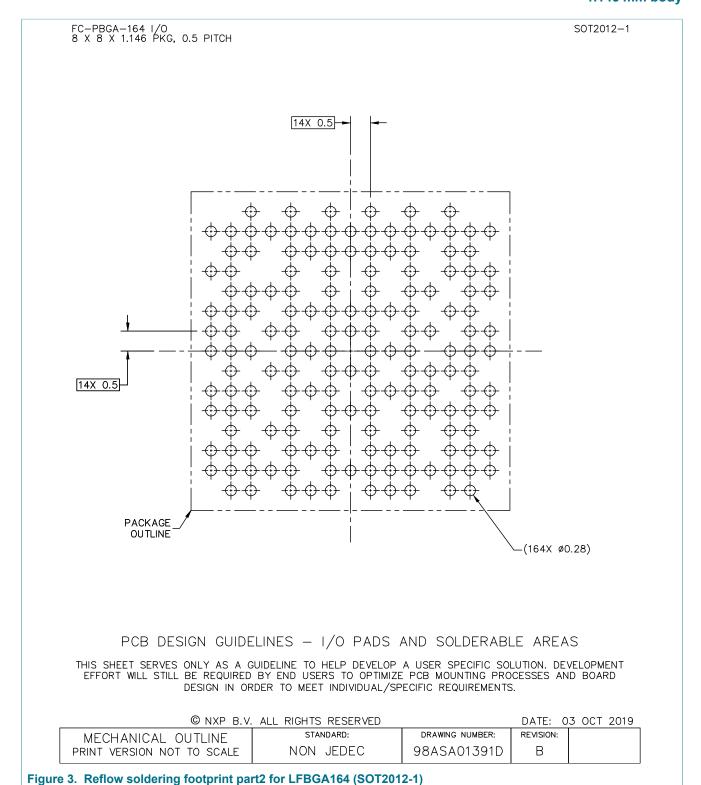
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3 Soldering

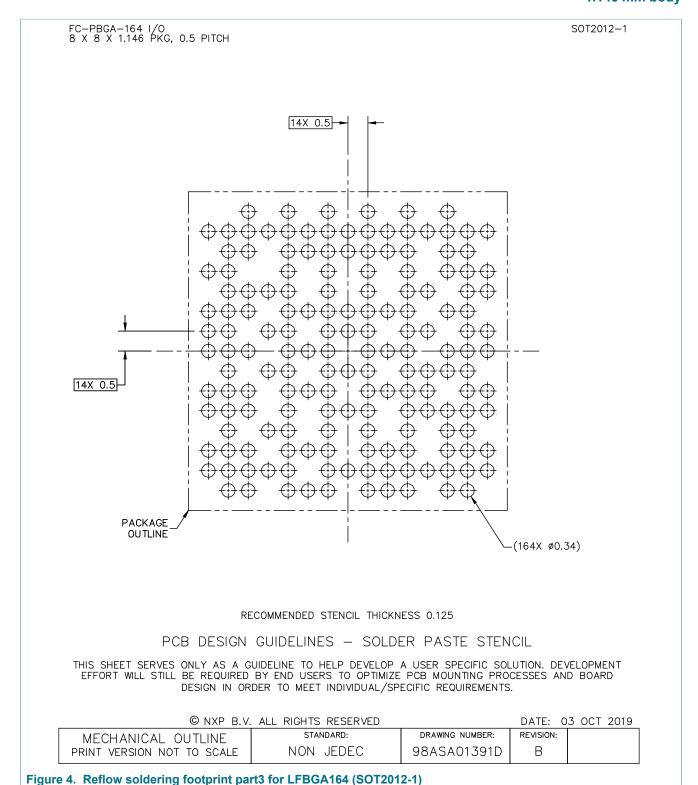


SOT2012-1

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FC-PBGA-164 I/O 8 X 8 X 1.146 PKG, 0.5 PITCH

SOT2012-1

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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STANDARD: DRAWING NUMBER: REVISION: MECHANICAL OUTLINE В NON JEDEC 98ASA01391D PRINT VERSION NOT TO SCALE

Figure 5. Package outline note LFBGA164 (SOT2012-1)

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4 Legal information

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