SOT2051-1



FBGA548, fine-pitch, ball grid array package, 548 terminals, 0.5 mm pitch, 15 mm x 15 mm x 1.876 mm body

12 November 2019

Package informat

Package information

Package summary 1

Terminal position code B (bottom)

FBGA548 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 31-10-2019

Manufacturer package code 98ASA01529D

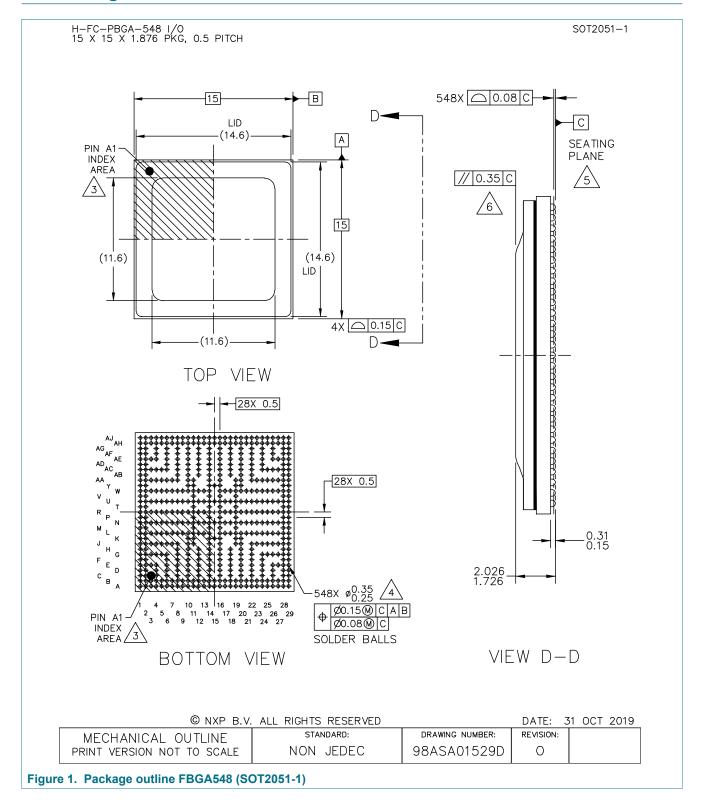
Table 1. Package summary

| Parameter | Min | Nom | Max | Unit |
|--------------------------------|-------|-------|-------|------|
| package length | 14.85 | 15 | 15.15 | mm |
| package width | 14.85 | 15 | 15.15 | mm |
| seated height | 1.726 | 1.876 | 2.026 | mm |
| nominal pitch | - | 0.5 | - | mm |
| actual quantity of termination | - | 548 | - | |



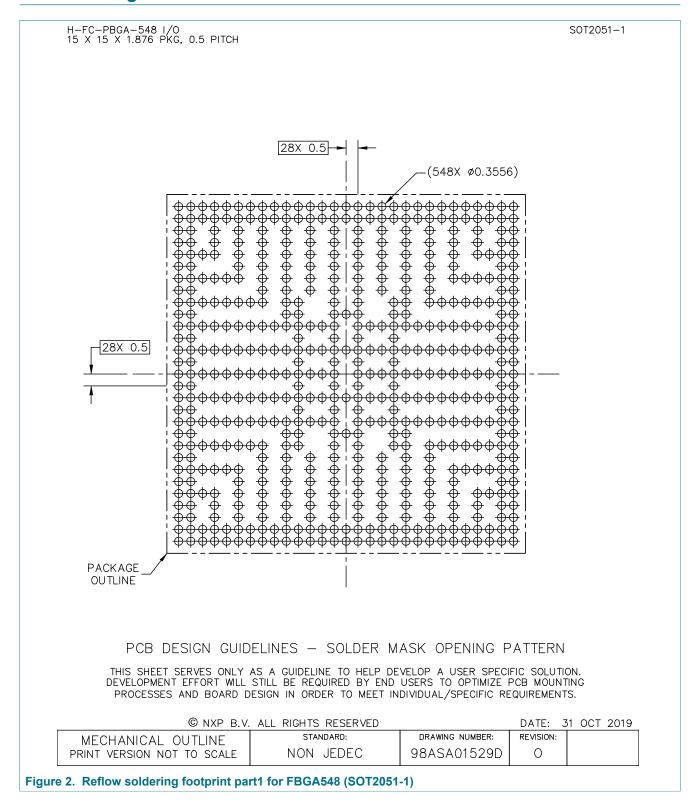
FBGA548, fine-pitch, ball grid array package, 548 terminals, 0.5 mm pitch, 15 mm x 15 mm x 1.876 mm body

2 Package outline

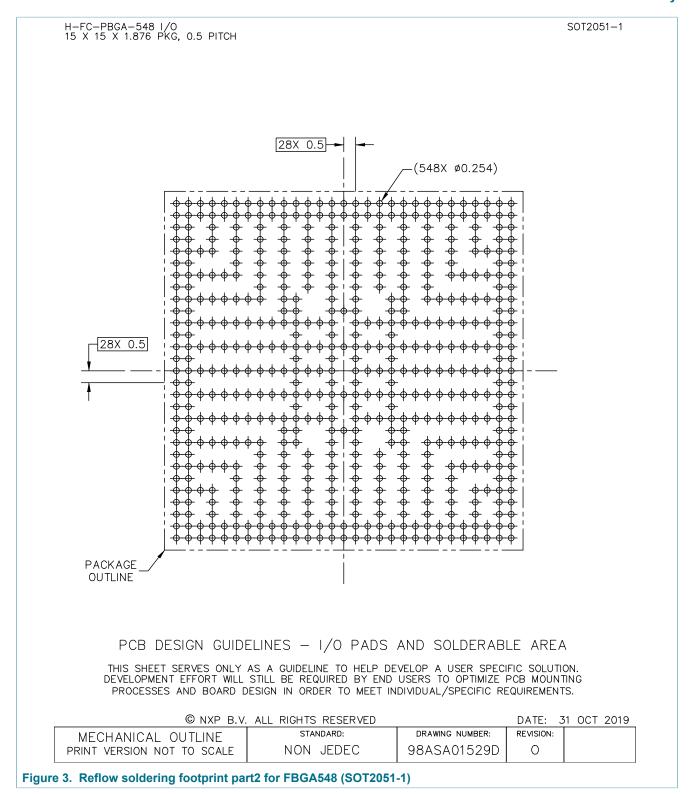


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3 Soldering

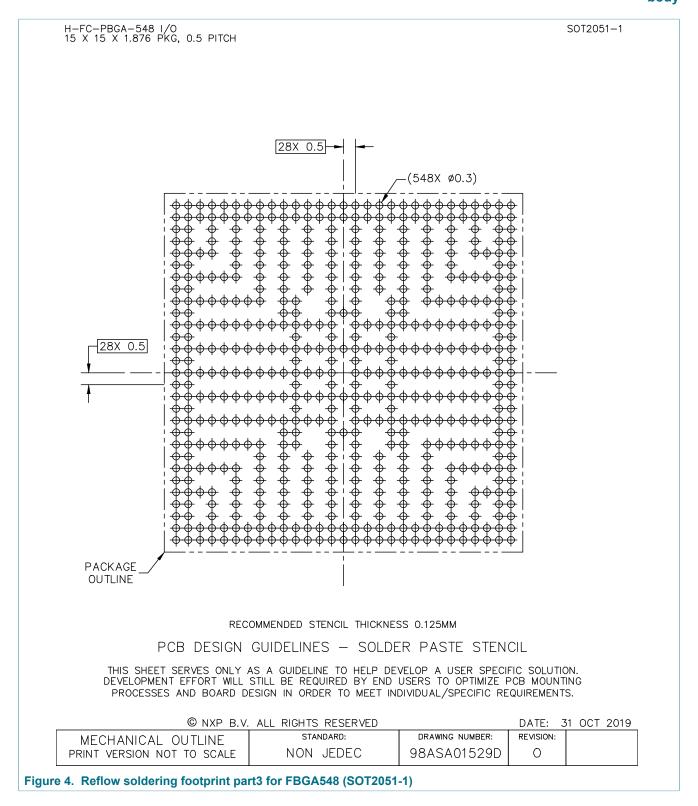


FBGA548, fine-pitch, ball grid array package, 548 terminals, 0.5 mm pitch, 15 mm x 15 mm x 1.876 mm body



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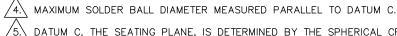
H-FC-PBGA-548 I/O 15 X 15 X 1.876 PKG, 0.5 PITCH

SOT2051-1

NOTES:

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

PIN A1 FEATURE SHAPE, SIZE AND LOCATION MAY VARY.



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.

7. LID OVERHANG ON SUBSTRATE NOT ALLOWED.

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98ASA01529D

Figure 5. Package outline note FBGA548 (SOT2051-1)

PRINT VERSION NOT TO SCALE

NON JEDEC

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4 Legal information

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