

1. Package summary

Terminal position code B (bottom)

Package type descriptive code LFBGA404

Package type industry code LFBGA404

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

Mounting method type S (surface mount)

Issue date15-3-2018Manufacturer package code98ASA01201D

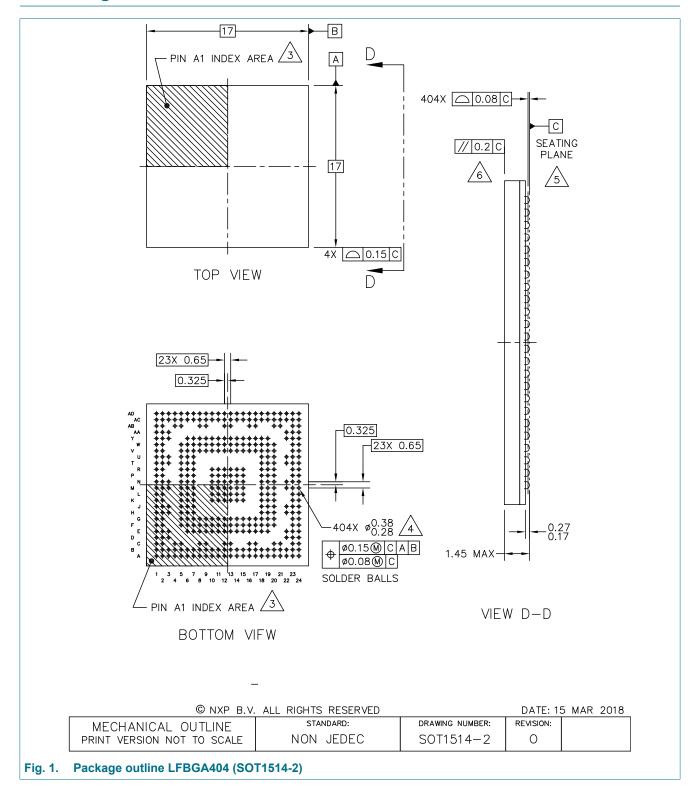
Table 1. Package summary

Parameter	Min	Тур	Nom	Max	Unit
package length	-	-	17	-	mm
package width	-	-	17	-	mm
seated height	-	-	1.32	-	mm
nominal pitch	-	-	0.65	-	mm
actual quantity of termination	-	-	404	-	A/A



LFBGA404, plastic, low profile fine-pitch ball grid array; 404 balls; 0.65 mm pitch; 17 mm x 17 mm x 1.32 mm body

2. Package outline



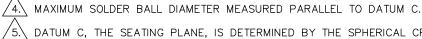
LFBGA404, plastic, low profile fine-pitch ball grid array; 404 balls; 0.65 mm pitch; 17 mm x 17 mm x 1.32

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.

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DATE: 15 MAR 2018

MECHANICAL OUTLINE	STANDARD:	DRAWING NUMBER:	REVISION:	
PRINT VERSION NOT TO SCALE	NON JEDEC	SOT1514-2	0	

Fig. 2. Package outline note LFBGA404 (SOT1514-2)

LFBGA404, plastic, low profile fine-pitch ball grid array; 404 balls; 0.65 mm pitch; 17 mm x 17 mm x 1.32 mm body

3. Soldering

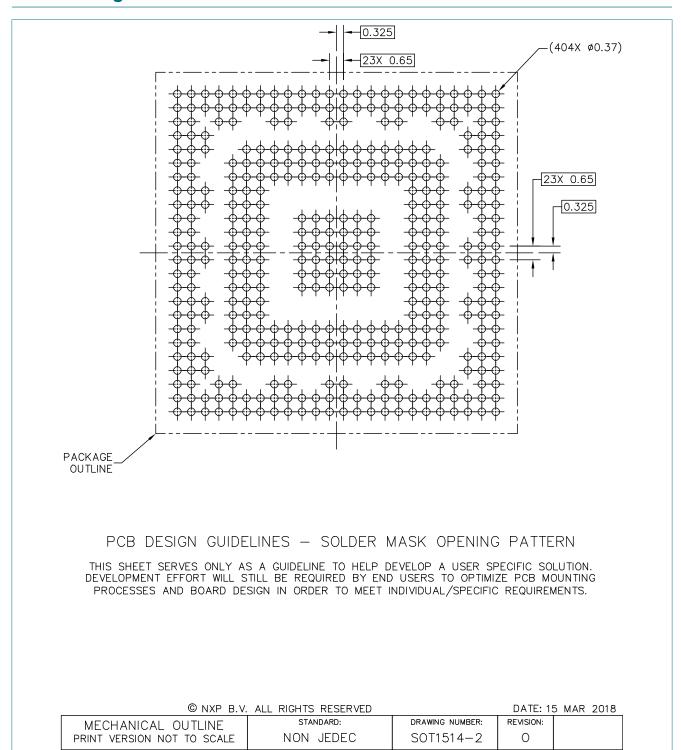


Fig. 3. Reflow soldering footprint for LFBGA404 (SOT1514-2)

LFBGA404, plastic, low profile fine-pitch ball grid array; 404 balls; 0.65 mm pitch; 17 mm x 17 mm x 1.32 mm body

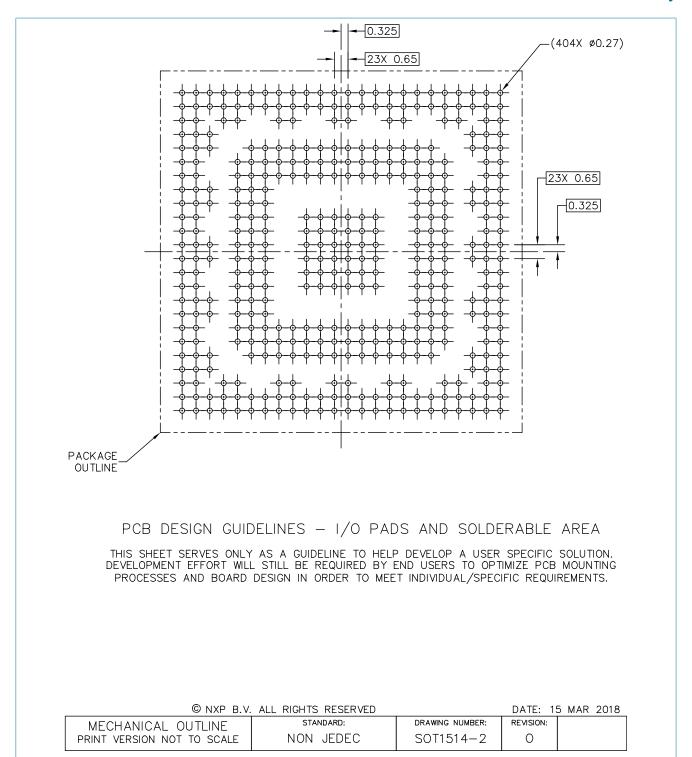
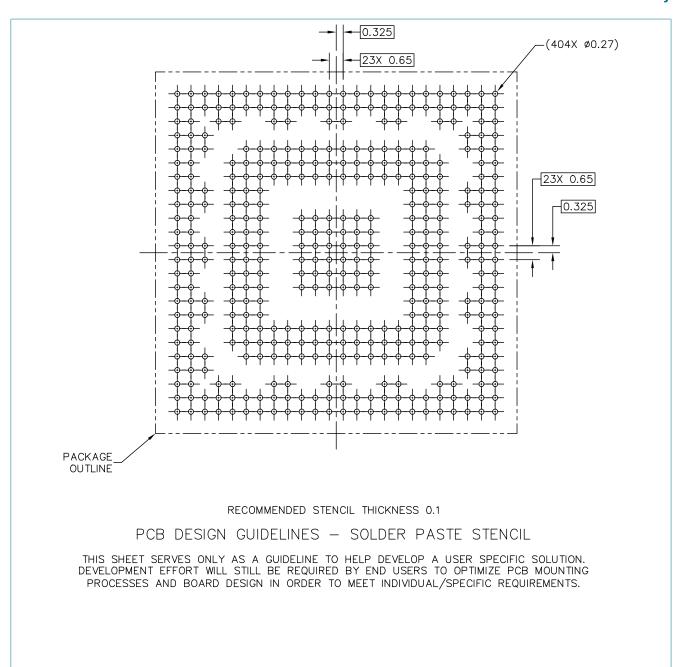


Fig. 4. Reflow soldering footprint part2 for LFBGA404 (SOT1514-2)

LFBGA404, plastic, low profile fine-pitch ball grid array; 404 balls; 0.65 mm pitch; 17 mm x 17 mm x 1.32 mm body



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Fig. 5. Reflow soldering footprint part3 for LFBGA404 (SOT1514-2)

LFBGA404, plastic, low profile fine-pitch ball grid array; 404 balls; 0.65 mm pitch; 17 mm x 17 mm x 1.32 mm body

4. Legal information

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LFBGA404, plastic, low profile fine-pitch ball grid array; 404 balls; 0.65 mm pitch; 17 mm x 17 mm x 1.32 mm body

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