SOT1307-2 VFBGA64, plastic ve

VFBGA64, plastic very thin fine-pitch ball grid array package; 64 balls; 0.5 mm pitch, 4.5 mm x 4.5 mm x 0.80 mm body 18 December 2018 Package information

1 Package summary

Terminal position code B (bottom)

Package type descriptive code VFBGA64

Package style descriptive code VFBGA (very thin fine-pitch ball grid array)

Package body material type P (plastic)

Mounting method type S (surface mount)

Issue date10-12-2018Manufacturer package code98ASA01148D

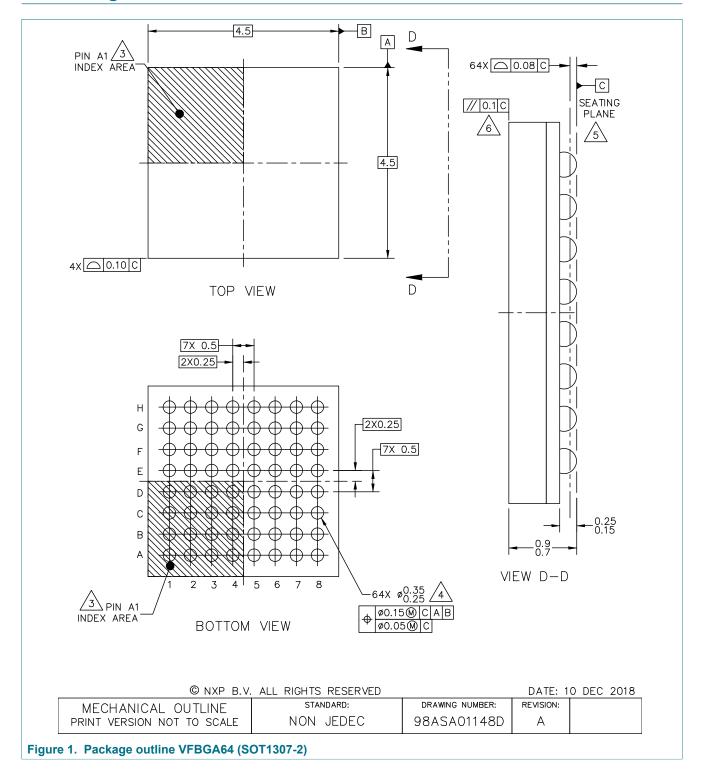
Table 1. Package summary

Parameter	Min	Nom	Max	Unit
package length	4.4	4.5	4.6	mm
package width	4.4	4.5	4.6	mm
seated height	0.7	0.8	0.9	mm
package height	0.5	0.6	0.7	mm
nominal pitch	-	0.5	-	mm
actual quantity of termination	-	64	-	



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2 Package outline



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3 Soldering

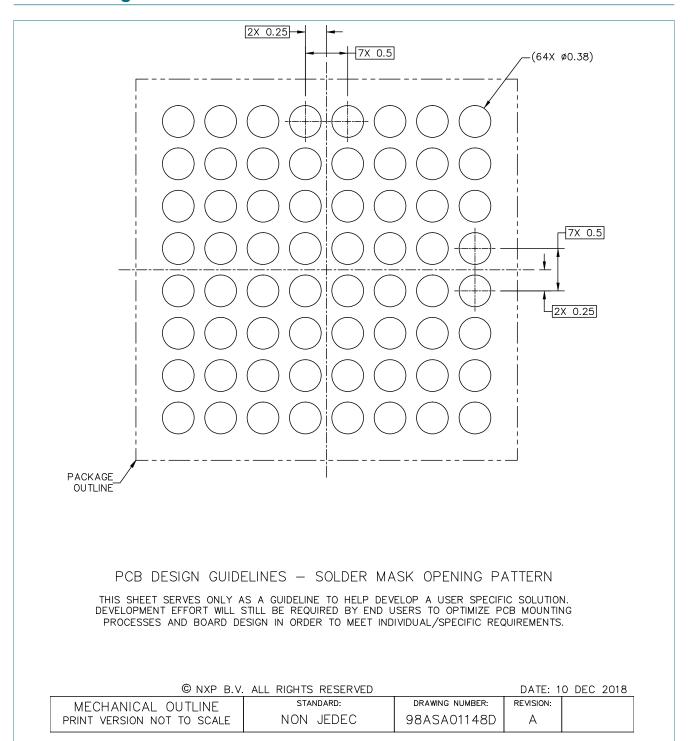


Figure 2. Reflow soldering footprint part1 for VFBGA64 (SOT1307-2)

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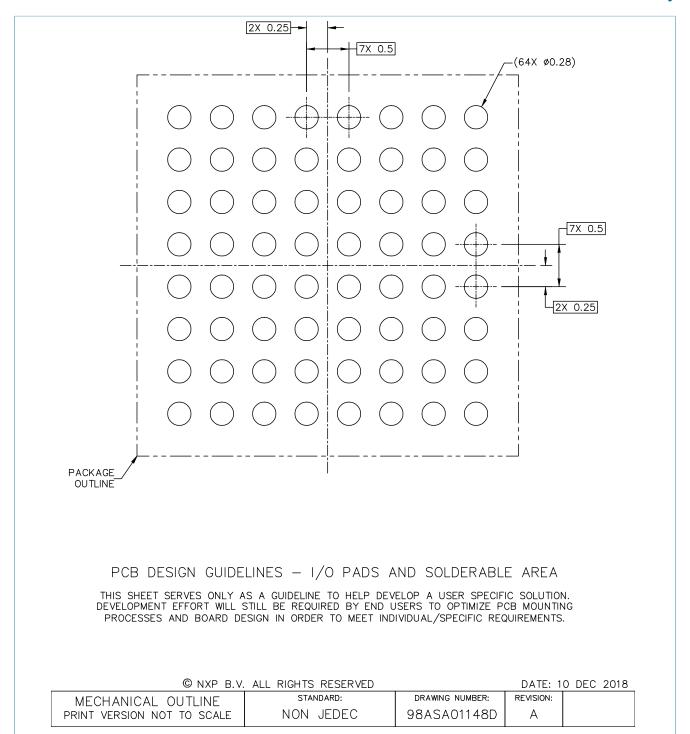


Figure 3. Reflow soldering footprint part2 for VFBGA64 (SOT1307-2)

VFBGA64, plastic very thin fine-pitch ball grid array package; 64 balls; 0.5 mm pitch, 4.5 mm x 4.5 mm x 0.80 mm body

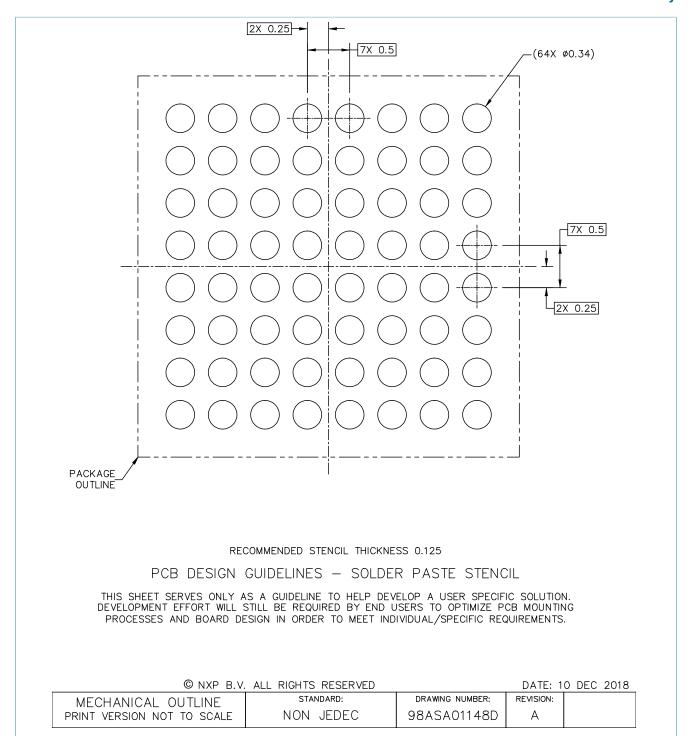
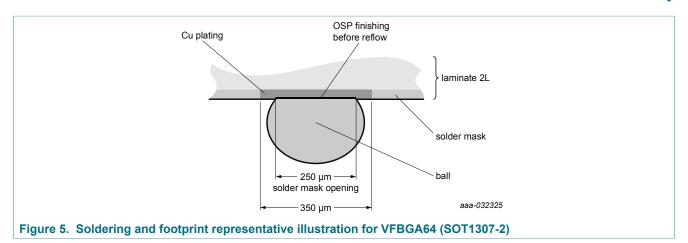


Figure 4. Reflow soldering footprint part3 for VFBGA64 (SOT1307-2)

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NOTES:

1. ALL DIMENSIONS IN MILLIMETERS.

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

MAXIMUM SOLDER BALL DIAMETER MEASURED PARALLEL TO DATUM C.

/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.



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

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DATE: 10 DEC 2018

MECHANICAL OUTLINE	STANDARD:	DRAWING NUMBER:	REVISION:	
PRINT VERSION NOT TO SCALE	NON JEDEC	98ASA01148D	А	

Figure 6. Package outline note VFBGA64 (SOT1307-2)

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4 Legal information

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Contents

1	Package summary	1
2	Package outline	2
3	Soldering	3
4	Legal information	