SOT1850-1



VFBGA176, plastic, very thin fine-pitch ball grid array; 176 balls; 0.5 mm pitch; 9 mm x 9 mm x 0.86 mm body

Package information

Package summary 1

Terminal position code B (bottom) VFBGA176 Package type descriptive code

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 date 13-07-2018 Manufacturer package code 98ASA00942D

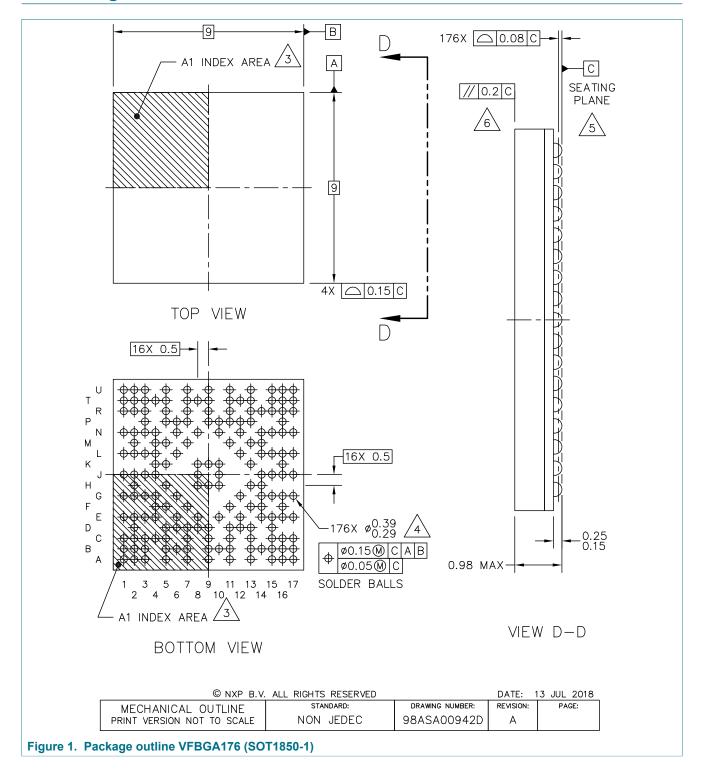
Table 1. Package summary

Table 1. 1 ackage summary					
Parameter	Min	Nom	Max	Unit	
package length	-	9	-	mm	
package width	-	9	-	mm	
package height	-	0.86	-	mm	
nominal pitch	-	0.5	-	mm	
actual quantity of termination	-	176	-		



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2 Package outline



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NOTES:

1. ALL DIMENSIONS IN MILLIMETERS.

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

<u>/3.\</u>

PIN A1 FEATURE SHAPE, SIZE AND LOCATION MAY VARY.

MAXIMUM SOLDER BALL DIAMETER MEASURED PARALLEL TO DATUM C.

5.

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

6.

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

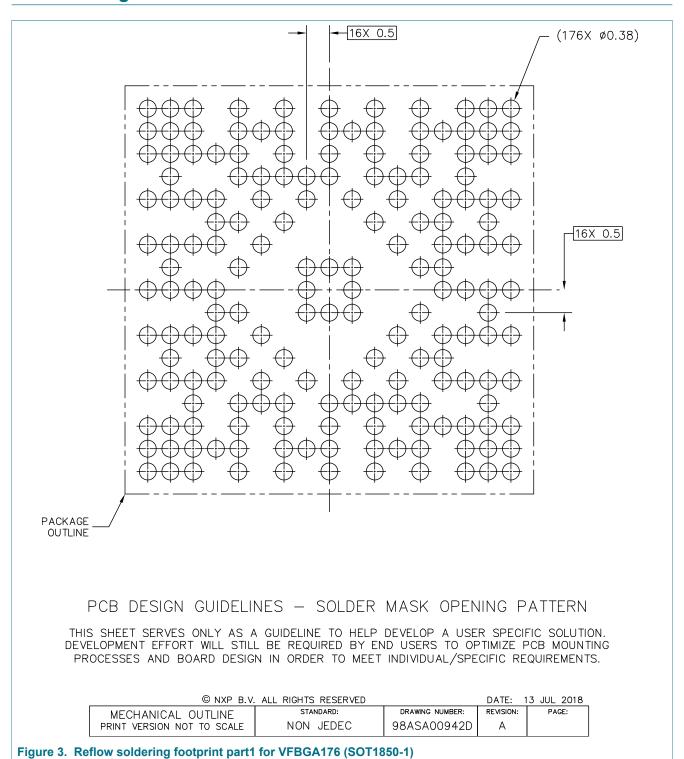
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 DATE:
 13 JUL 2018

 MECHANICAL OUTLINE PRINT VERSION NOT TO SCALE
 STANDARD: DRAWING NUMBER: PRINT VERSION NOT TO SCALE
 NON JEDEC
 98ASA00942D
 A

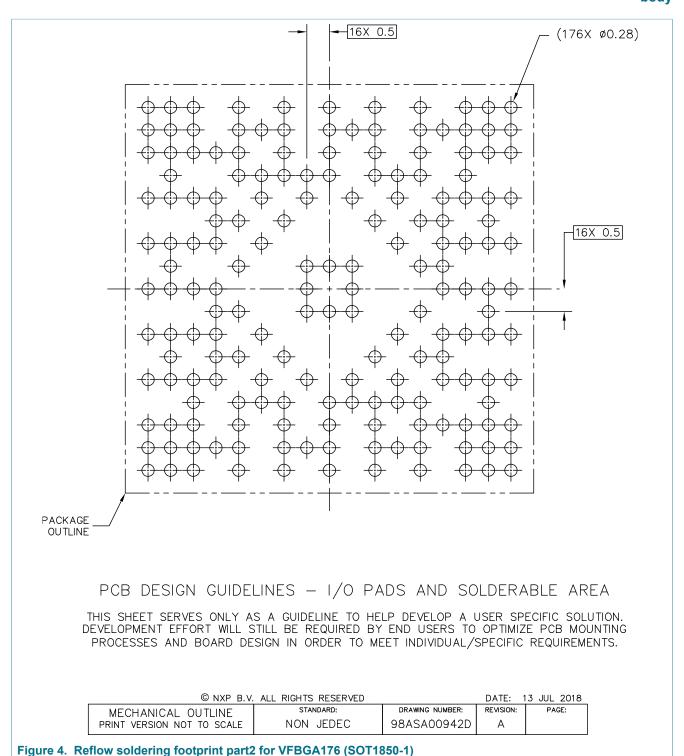
Figure 2. Package outline note VFBGA176 (SOT1850-1)

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3 Soldering

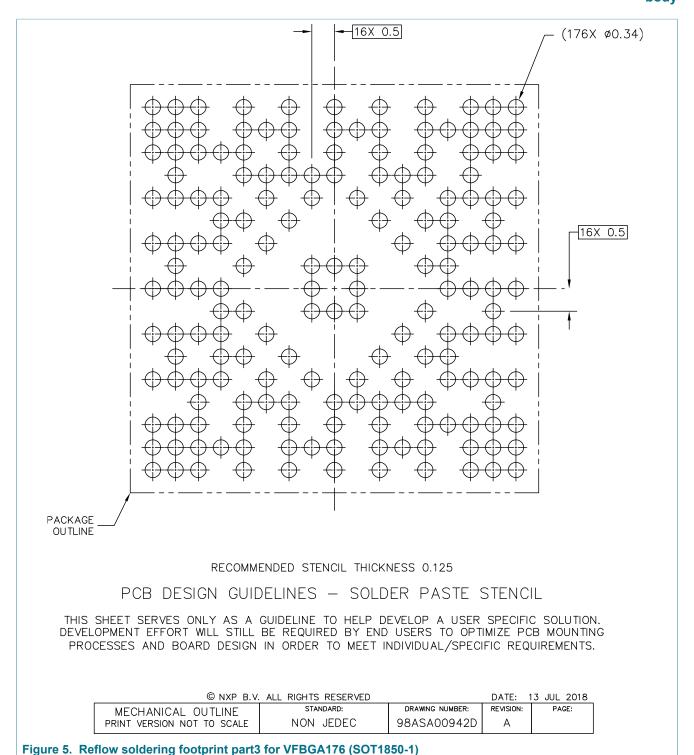


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4 Legal information

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