

1

# SOT2092-1

FBGA529, fine pitch ball grid array package, 529 terminals, 0.8 mm pitch, 19 mm x 19 mm x 1.64 mm body

**25 November 2020** 

Package information

### Package summary

Terminal position code B (bottom)

Package type descriptive code FBGA529

 Package style descriptive code
 FBGA (fine-pitch ball grid array)

Package body material type P (plastic)

Mounting method type S (surface mount)

**Issue date** 05-10-2020

Manufacturer package code 98ASA01713D

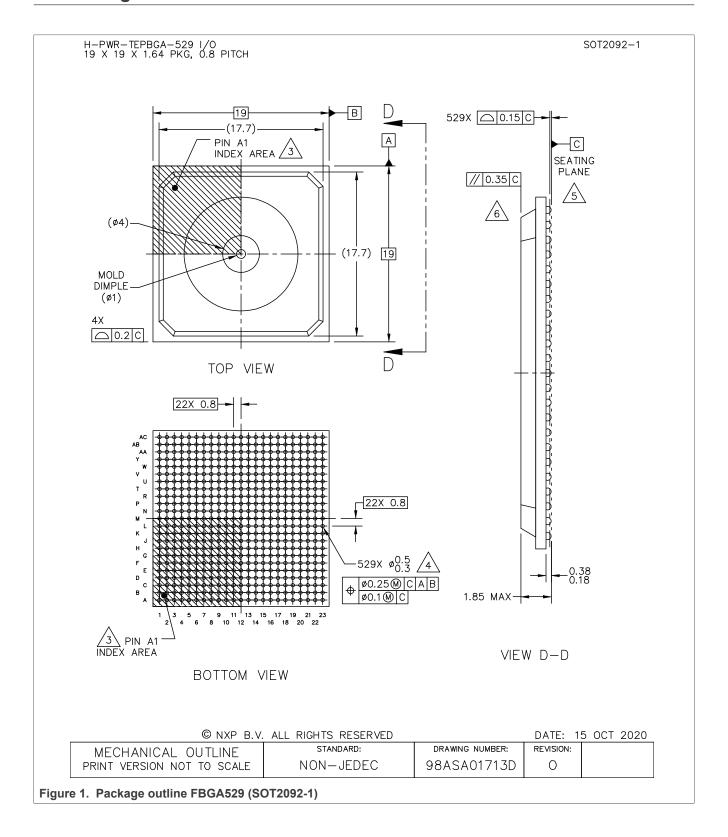
Table 1. Package summary

- unit is a unit go out the same of the sa							
Parameter	Min	Nom	Max	Unit			
package length	18.8	19	19.2	mm			
package width	18.8	19	19.2	mm			
package height	-	1.64	1.85	mm			
nominal pitch	-	0.8	-	mm			
actual quantity of termination	-	529	-				



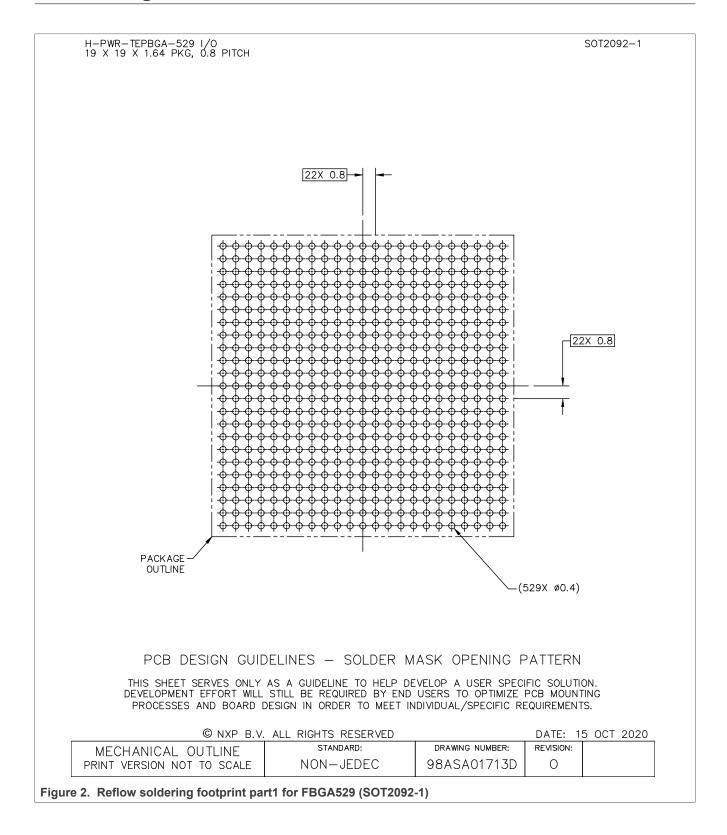
FBGA529, fine pitch ball grid array package, 529 terminals, 0.8 mm pitch, 19 mm x 19 mm x 1.64 mm

### 2 Package outline

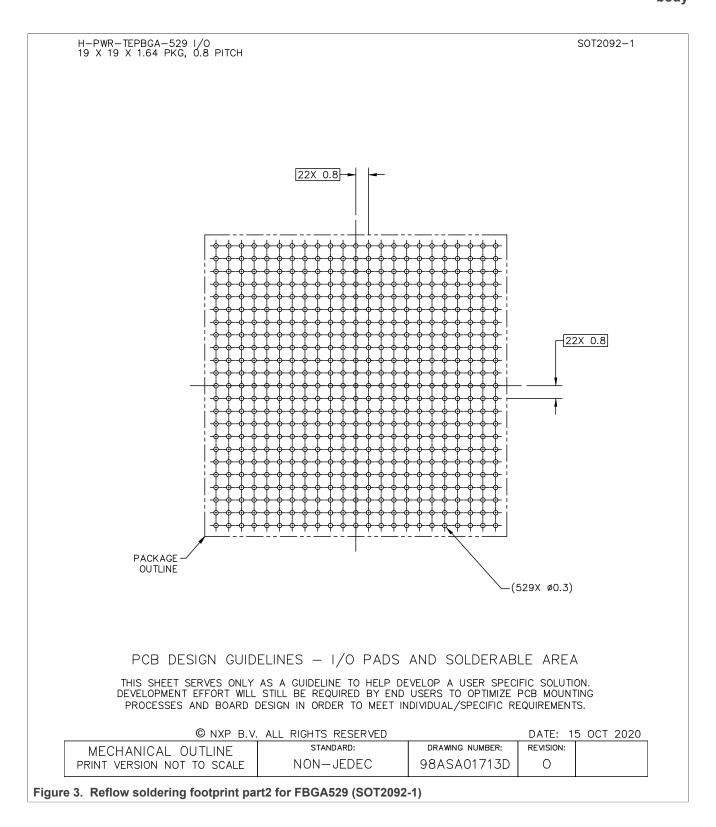


FBGA529, fine pitch ball grid array package, 529 terminals, 0.8 mm pitch, 19 mm x 19 mm x 1.64 mm

### 3 Soldering

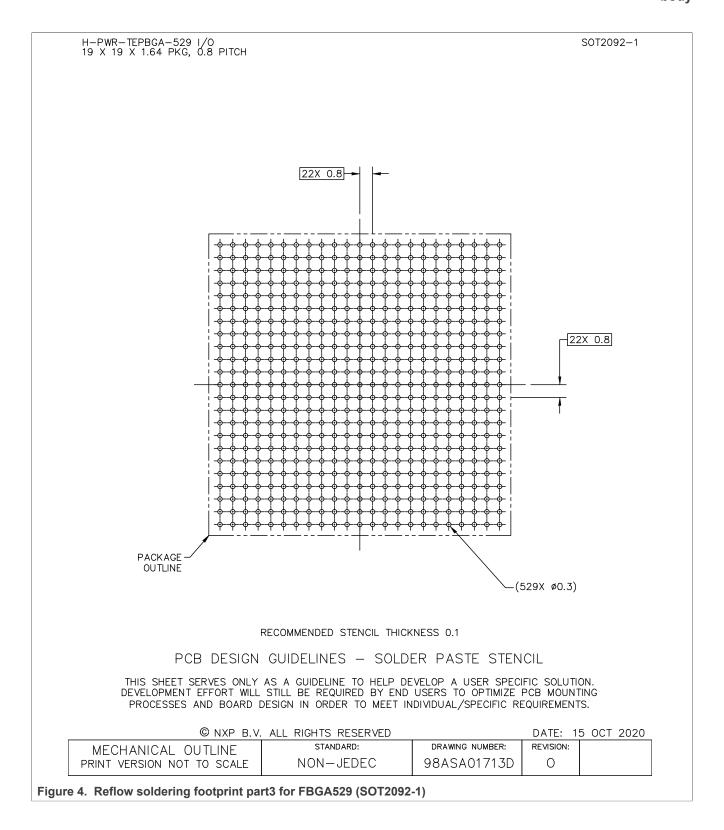


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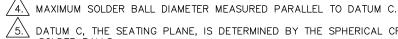
H-PWR-TEPBGA-529 I/O 19 X 19 X 1.64 PKG, 0.8 PITCH

SOT2092-1

#### 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.

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DATE: 15 OCT 2020

MECHANICAL OUTLINE	STANDARD:	DRAWING NUMBER:	REVISION:	
PRINT VERSION NOT TO SCALE	NON-JEDEC	98ASA01713D	0	

Figure 5. Package outline note FBGA529 (SOT2092-1)

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## 4 Legal information

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### **Contents**

1	Package summary	1
2	Package outline	
3	Soldering	
4	<u> </u>	