

# SOT2016-1

WFBGA165, very very thin profile fine pitch ball grid array package; 165 terminals; 0.5 mm pitch; 7.5 mm x 7.5 mm x 0.62 mm body

9 July 2020

Package information

### 1 Package summary

Terminal position code	B (bottom)
Package type descriptive code	WFBGA165
Package style descriptive code	WFBGA (very-very-thin profile fine-pitch ball grid array package)
Mounting method type	S (surface mount)
Issue date	19-06-2020
Manufacturer package code	98ASA01393D

#### Table 1. Package summary

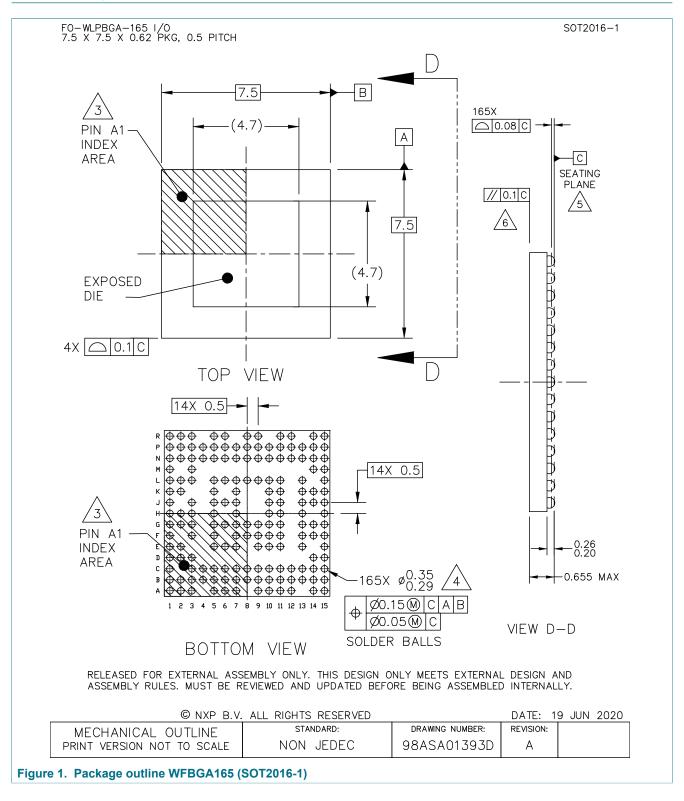
Parameter	Min	Nom	Мах	Unit
package length	7.4	7.5	7.6	mm
package width	7.4	7.5	7.6	mm
package height	-	0.62	0.655	mm
nominal pitch	-	0.5	-	mm
actual quantity of termination	-	165	-	



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### 2 Package outline

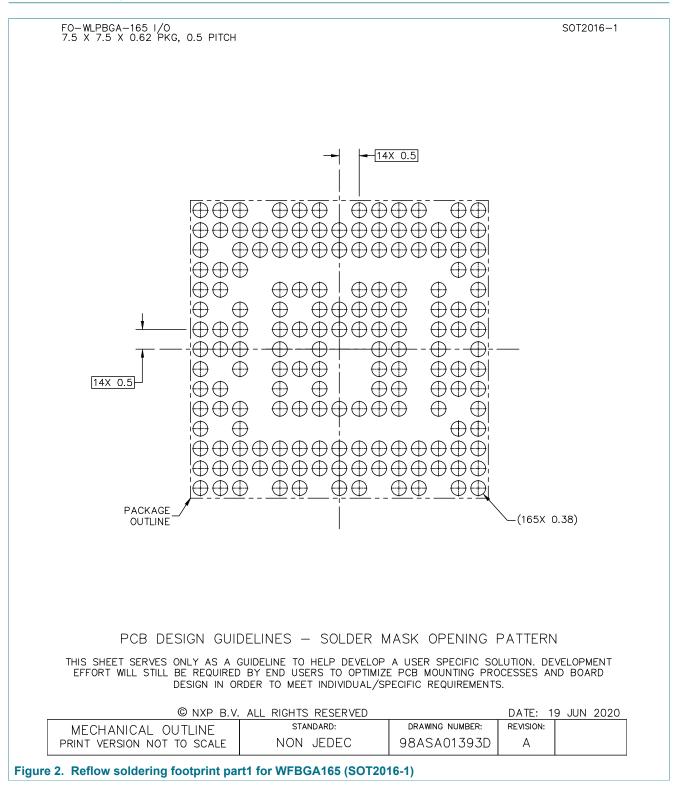


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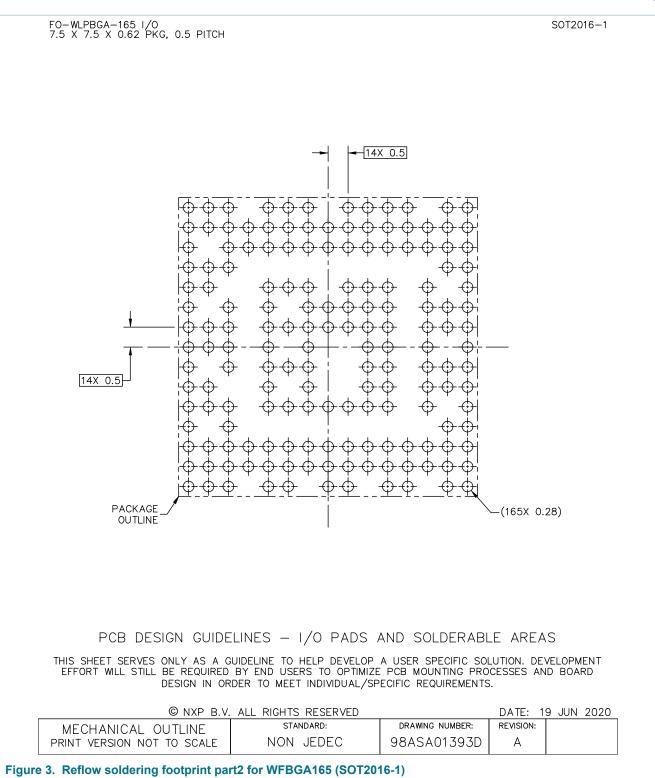
### 3 Soldering



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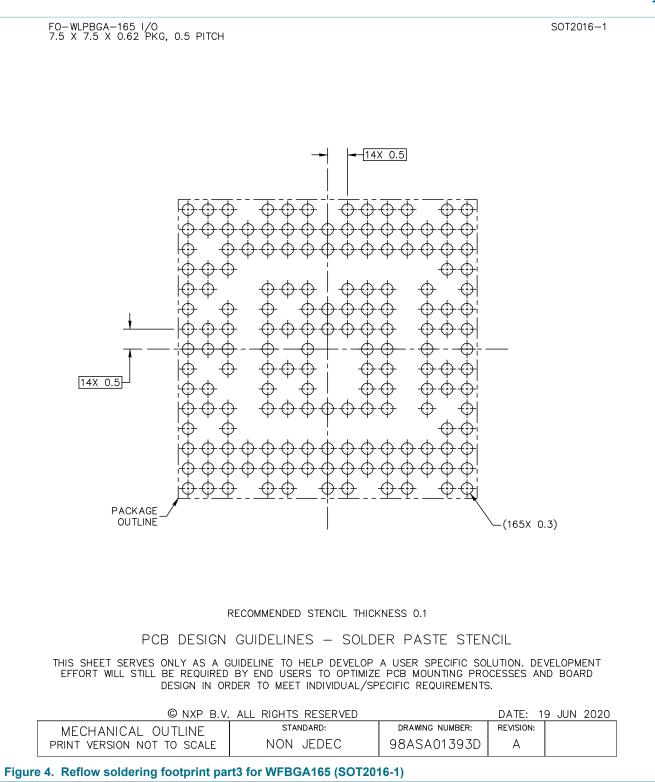
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FO-WLPBGA-165 I/O 7.5 X 7.5 X 0.62 PKG, 0.5 F	РІТСН		SOT2016-1
NOTES:			
1. ALL DIMENSIONS IN M	ILLIMETERS.		
2. DIMENSIONING AND TO	DLERANCING PER ASME Y14.5M-19	94.	
$\cancel{3}$ PIN A1 FEATURE SHA	PE, SIZE AND LOCATION MAY VAR	Υ.	
4. MAXIMUM SOLDER BA	LL DIAMETER MEASURED PARALLEI	TO DATUM C.	
DATUM C THE SEATIN THE SOLDER BALLS.	IG PLANE, IS DETERMINED BY THE	SPHERICAL CROWNS OF	-
6. PARALLELISM MEASUF OF PACKAGE.	REMENT SHALL EXCLUDE ANY EFFE	CT OF MARK ON TOP S	SURFACE
© NXF	P B.V. ALL RIGHTS RESERVED		DATE: 19 JUN 2020
MECHANICAL OUTLIN	STANDARD:	DRAWING NUMBER:	REVISION:
PRINT VERSION NOT TO SC		98ASA01393D	A
Figure 5. Package outline note WF	FBGA165 (SOT2016-1)		

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### 4 Legal information

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