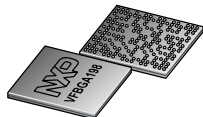


SOT2155-1

VFBGA198, very thin fine-pitch ball grid array package, 198 terminals, 0.5 mm pitch, 9.0 mm x 9.35 mm x 0.834 mm body

30 July 2024

Package information



1 Package summary

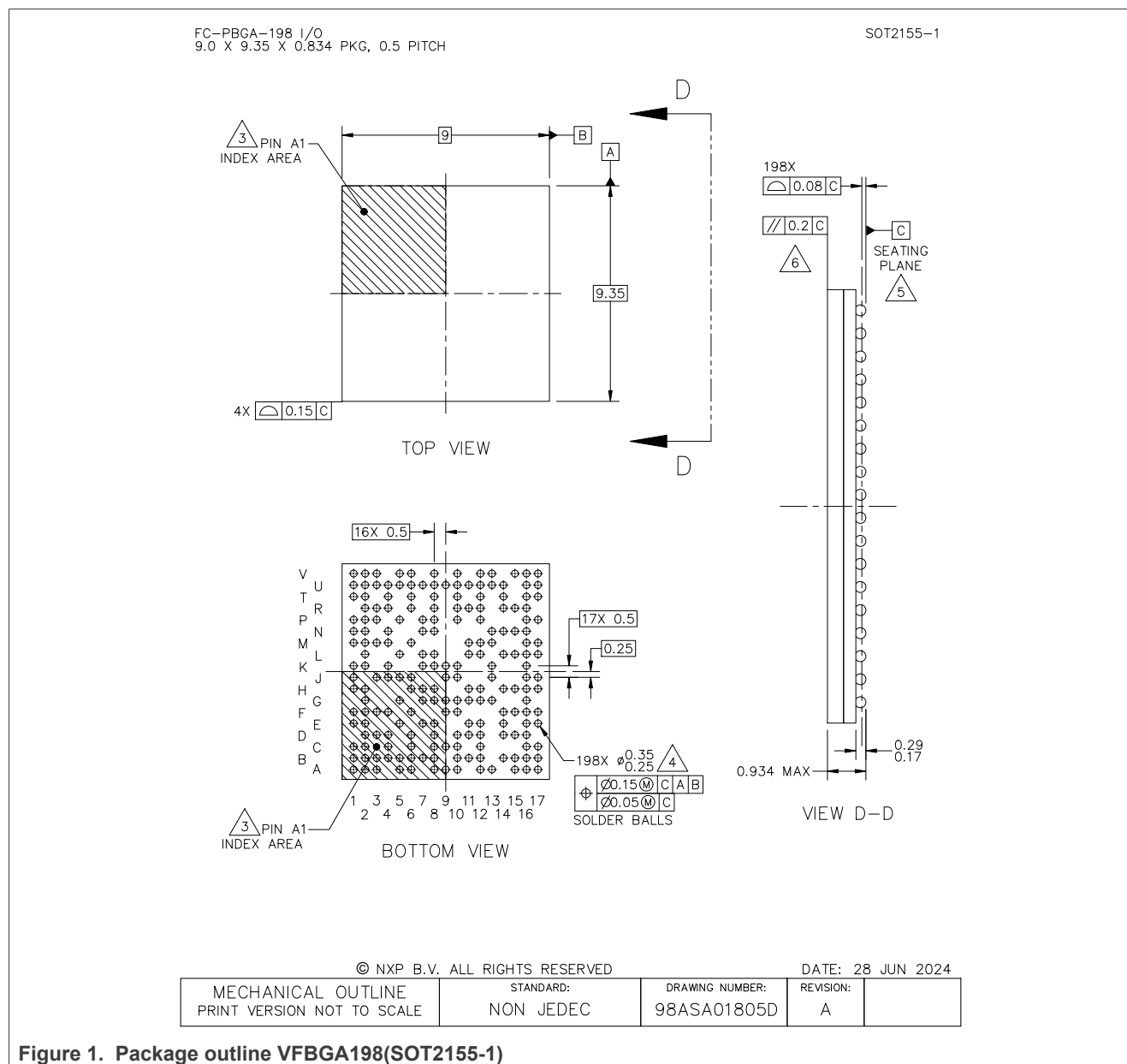
Terminal position code	B (bottom)
Package type descriptive code	VFBGA198
Package style descriptive code	VFBGA (very thin fine-pitch ball grid array)
Package body material type	P (plastic)
Mounting method type	S (surface mount)
Issue date	01-06-2022
Manufacturer package code	98ASA01805D

Table 1. Package summary

Parameter	Min	Nom	Max	Unit
package length	-	9	-	mm
package width	-	9.35	-	mm
seated height	-	0.834	0.934	mm
nominal pitch	-	0.5	-	mm
actual quantity of termination	-	198	-	

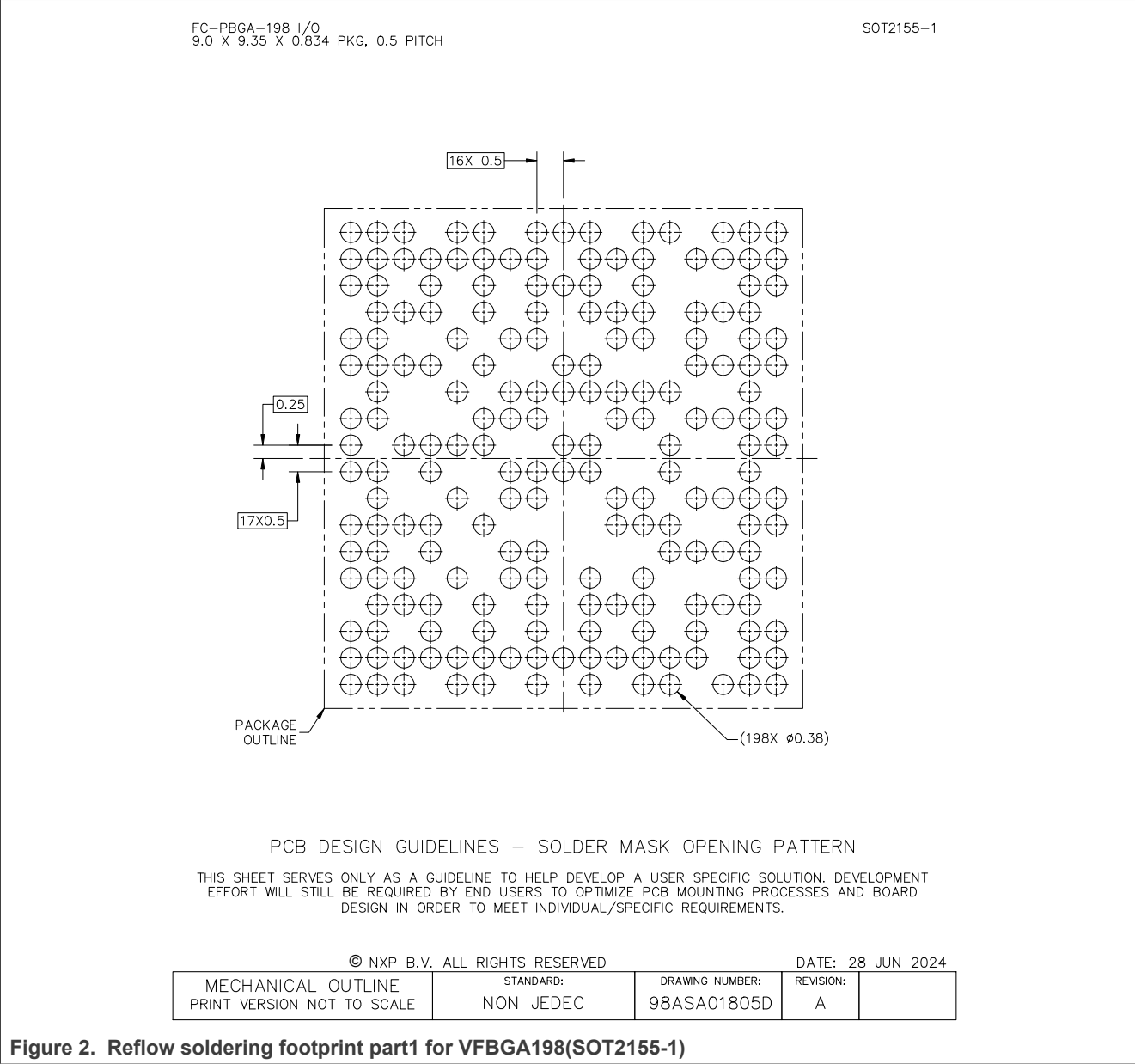
VFBGA198, very thin fine-pitch ball grid array package, 198 terminals, 0.5 mm pitch, 9.0 mm x 9.35 mm x 0.834 mm body

2 Package outline



VFBGA198, very thin fine-pitch ball grid array package, 198 terminals, 0.5 mm pitch, 9.0 mm x 9.35 mm x 0.834 mm body

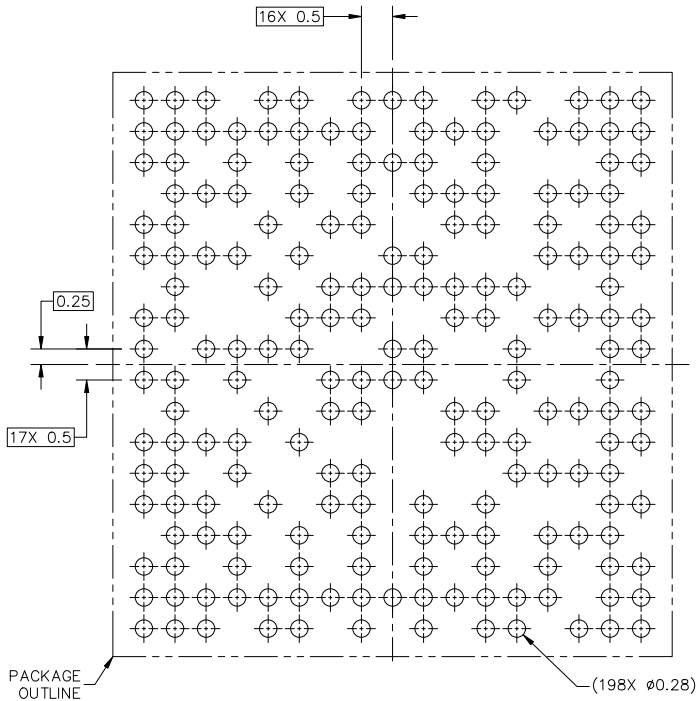
3 Soldering



VFBGA198, very thin fine-pitch ball grid array package, 198 terminals, 0.5 mm pitch, 9.0 mm x 9.35 mm x 0.834 mm body

FC-PBGA-198 I/O
9.0 X 9.35 X 0.834 PKG, 0.5 PITCH

SOT2155-1



PCB DESIGN GUIDELINES – I/O PADS AND SOLDERABLE AREAS

THIS SHEET SERVES ONLY AS A GUIDELINE TO HELP DEVELOP A USER SPECIFIC SOLUTION. DEVELOPMENT EFFORT WILL STILL BE REQUIRED BY END USERS TO OPTIMIZE PCB MOUNTING PROCESSES AND BOARD DESIGN IN ORDER TO MEET INDIVIDUAL/SPECIFIC REQUIREMENTS.

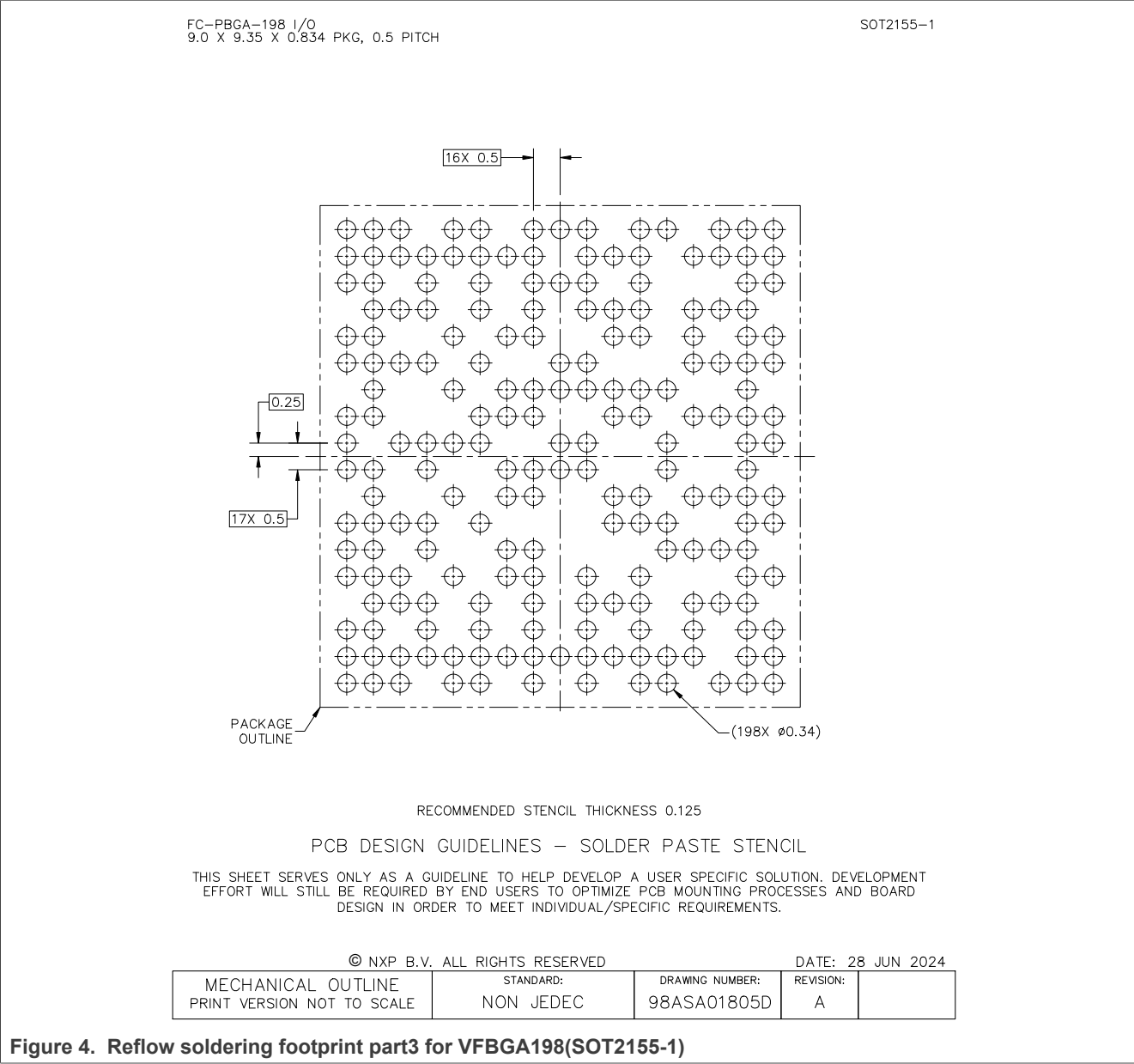
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DATE: 28 JUN 2024

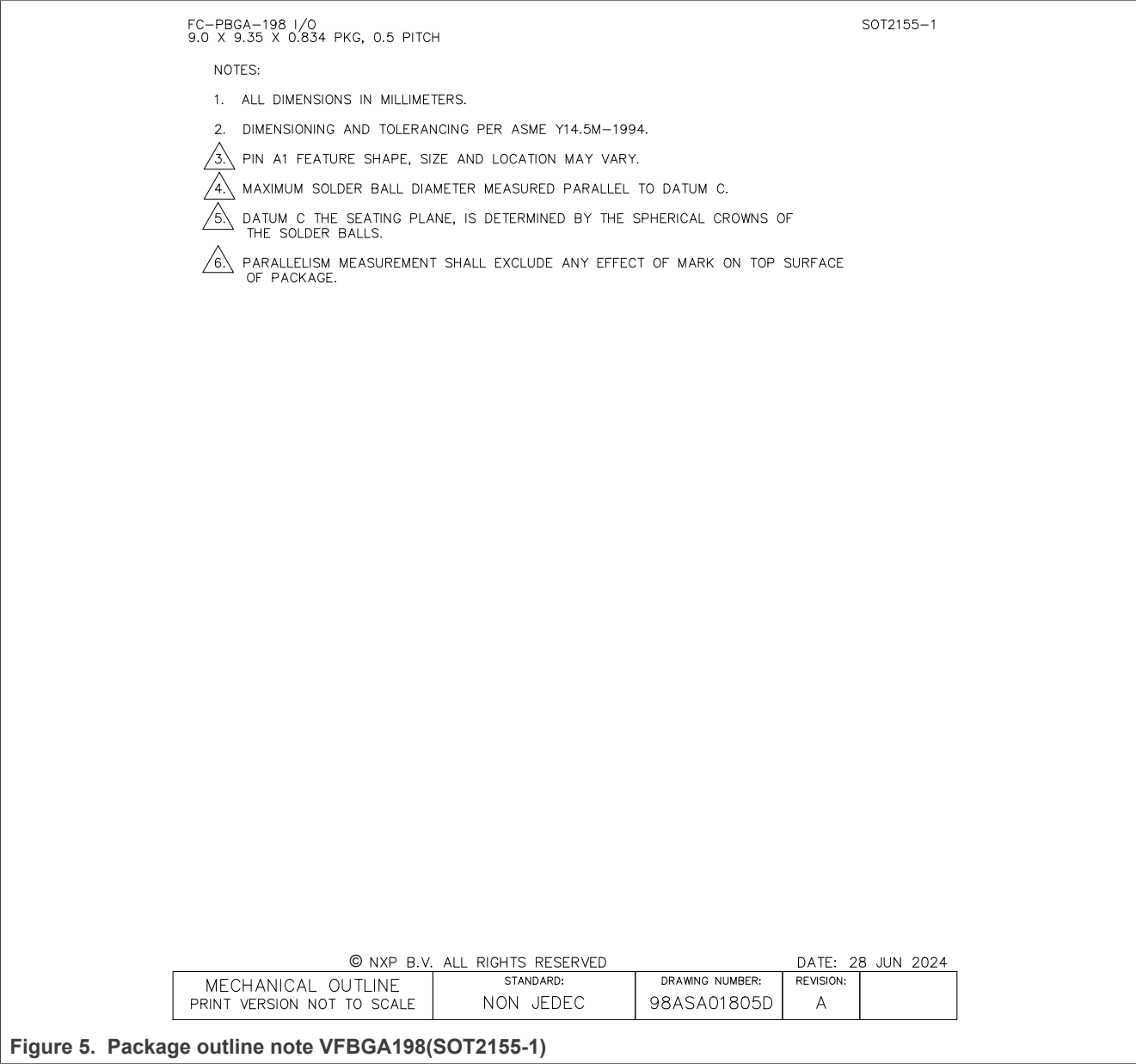
MECHANICAL OUTLINE PRINT VERSION NOT TO SCALE	STANDARD: NON JEDEC	DRAWING NUMBER: 98ASA01805D	REVISION: A	
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Figure 3. Reflow soldering footprint part2 for VFBGA198(SOT2155-1)

VFBGA198, very thin fine-pitch ball grid array package, 198 terminals, 0.5 mm pitch, 9.0 mm x 9.35 mm x 0.834 mm body



VFBGA198, very thin fine-pitch ball grid array package, 198 terminals, 0.5 mm pitch, 9.0 mm x 9.35 mm x 0.834 mm body



4 Legal information

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VFBGA198, very thin fine-pitch ball grid array package, 198 terminals, 0.5 mm pitch, 9.0 mm x 9.35 mm x 0.834 mm body

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