



LFBGA231, low profile fine pitch ball grid array package, 231 terminals, 0.65 mm pitch, 12 mm x 12 mm x 1.2 mm body

31 March 2020 Package information

1 Package summary

Terminal position code B (bottom)

Package type descriptive code LFBGA231

Package style descriptive code LFBGA (low profile fine-pitch ball grid array)

Package body material type P (plastic)

Mounting method type S (surface mount)

Issue date 28-01-2011

Manufacturer package code MV-A300753-00A

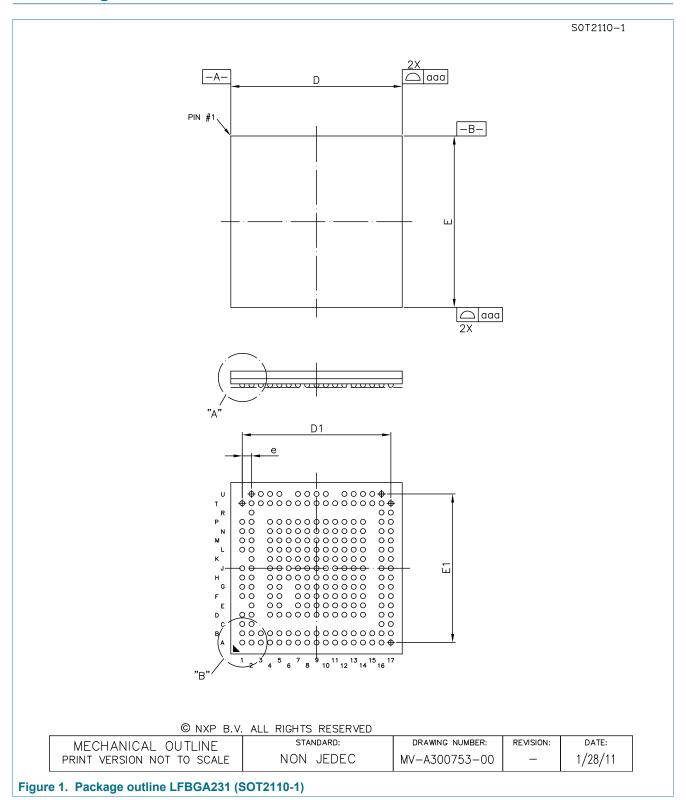
Table 1. Package summary

Parameter	Min	Nom	Max	Unit
package length	11.9	12	12.1	mm
package width	11.9	12	12.1	mm
package height	1.1	1.2	1.3	mm
nominal pitch	-	0.65	-	mm
actual quantity of termination	-	231	-	

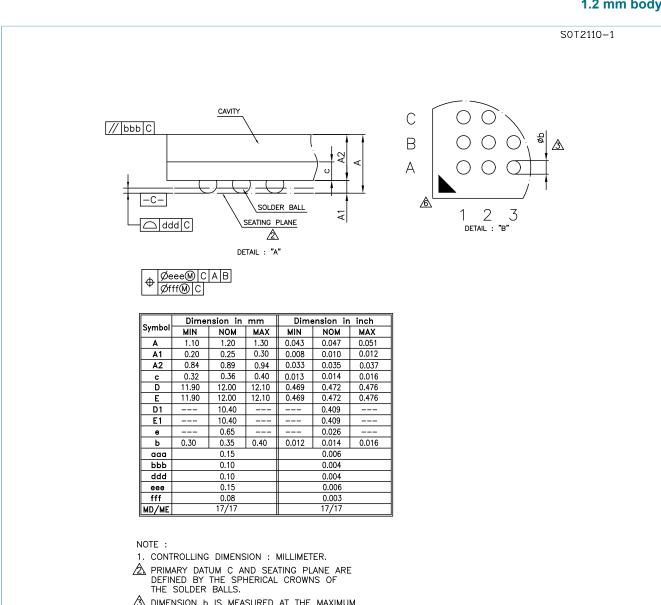


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2 Package outline



LFBGA231, low profile fine pitch ball grid array package, 231 terminals, 0.65 mm pitch, 12 mm x 12 mm body



- △ DIMENSION b IS MEASURED AT THE MAXIMUM SOLDER BALL DIAMETER, PARALLEL TO PRIMARY DATUM C.
- 4. THERE SHALL BE A MINIMUM CLEARANCE OF 0.25mm BETWEEN THE EDGE OF THE SOLDER BALL AND THE BODY EDGE.
- 5. SPECIAL CHARACTERISTICS C CLASS: bbb, ddd
- THE PATTERN OF PIN 1 FIDUCIAL IS FOR REFERENCE ONLY.

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MECHANICAL OUTLINE	STANDARD:	DRAWING NUMBER:	REVISION:	DATE:
PRINT VERSION NOT TO SCALE	NON JEDEC	MV-A300753-00	_	1/28/11

Figure 2. Package outline detail LFBGA231 (SOT2110-1)

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3 Legal information

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