

SOT812-1

plastic ball grid array package; 288 balls; body 23 x 23 x 1.7 mm

8 February 2016

Package information

1. Package summary

Terminal position code	B (bottom)
Package type descriptive code	BGA288
Package type industry code	BGA288
Package style descriptive code	BGA (ball grid array)
Package style suffix code	NA (not applicable)
Package body material type	P (plastic)
IEC package outline code	144E
JEDEC package outline code	MS-034
Mounting method type	S (surface mount)
Issue date	15-5-2003

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	22.8	-	23	23.2	mm
E	package width	22.8	-	23	23.2	mm
A	seated height	[tbd]	-	2.4	2.4	mm
A ₂	package height	1.6	-	1.7	1.8	mm
n ₂	actual quantity of termination	-	-	288	-	



2. Package outline

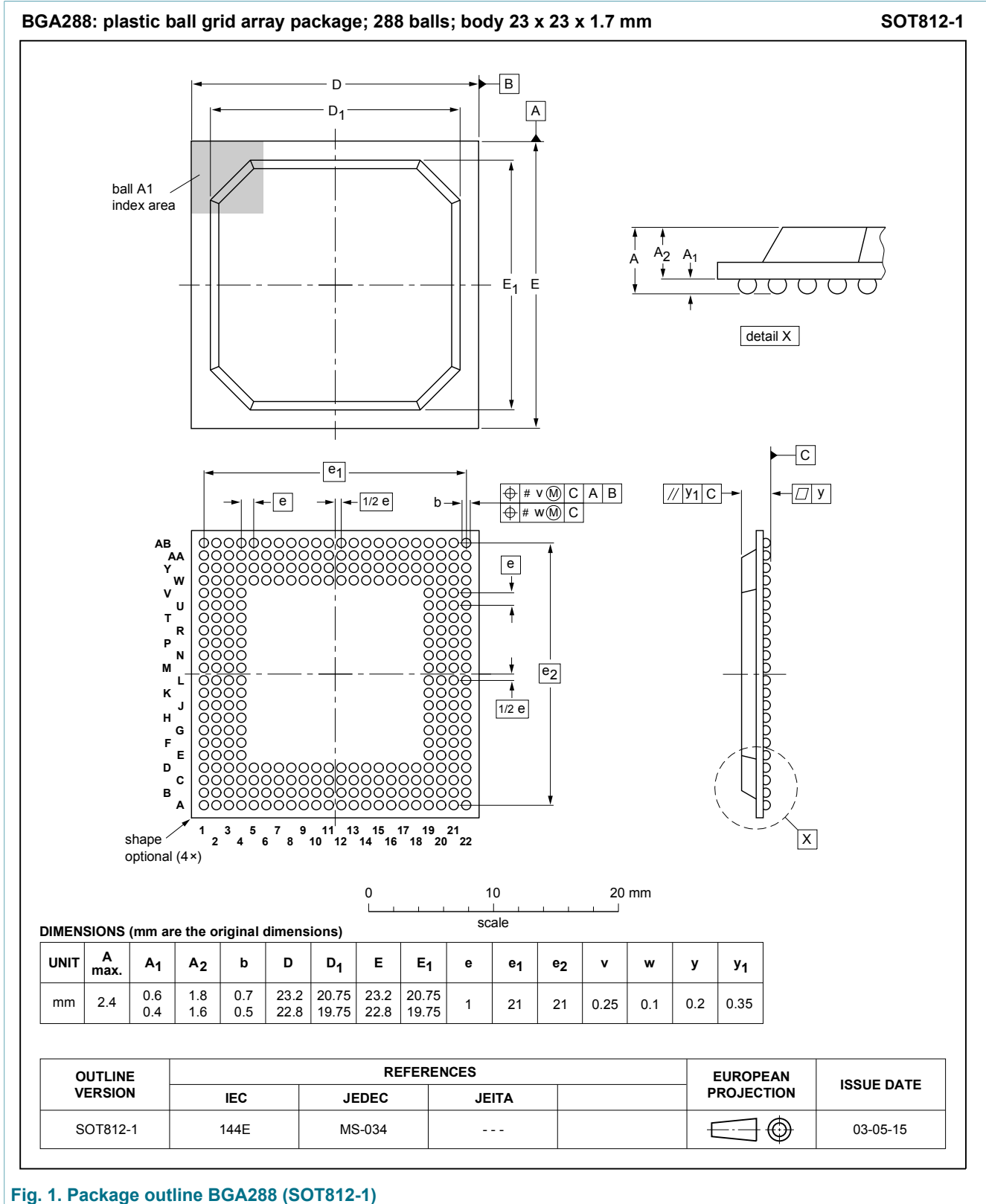
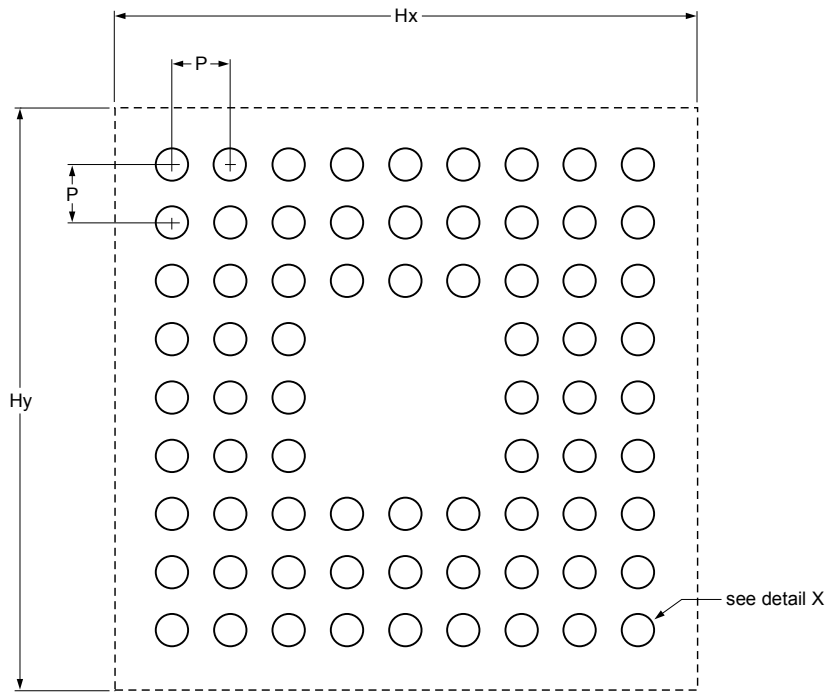


Fig. 1. Package outline BGA288 (SOT812-1)




3. Soldering

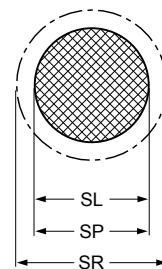
Footprint information for reflow soldering of BGA288 package

SOT812-1



Generic footprint pattern
Refer to the package outline drawing for actual layout

-  solder land
-  solder paste deposit
-  solder land plus solder paste
- occupied area
- solder resist



detail X

DIMENSIONS in mm

P	SL	SP	SR	Hx	Hy
1.00	0.450	0.450	0.600	23.500	23.500

soT812-1_fr

Fig. 2. Reflow soldering footprint for BGA288 (SOT812-1)

4. Legal information

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5. Contents

1. Package summary.....	1
2. Package outline.....	2
3. Soldering.....	3
4. Legal information.....	4

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Date of release: 8 February 2016
