



# SOT1203

plastic, leadless extremely thin small outline package; 8 terminals; 0.35 mm pitch; 1.35 mm x 1 mm x 0.35 mm body

14 November 2018

Package information

## 1. Package summary

<b>Terminal position code</b>	B (bottom)
<b>Package type descriptive code</b>	XSON8
<b>Package type industry code</b>	XSON8
<b>Package style descriptive code</b>	XSON (extremely thin small outline; no leads)
<b>Package body material type</b>	P (plastic)
<b>Mounting method type</b>	S (surface mount)
<b>Number of package outline detail graphic references</b>	0
<b>Issue date</b>	6-4-2010
<b>Manufacturer package code</b>	SOT1203
<b>Footprint dimensions (mm)</b>	1.35 x 1
<b>Footprint area (mm<sup>2</sup>)</b>	1.35

Table 1. Package summary

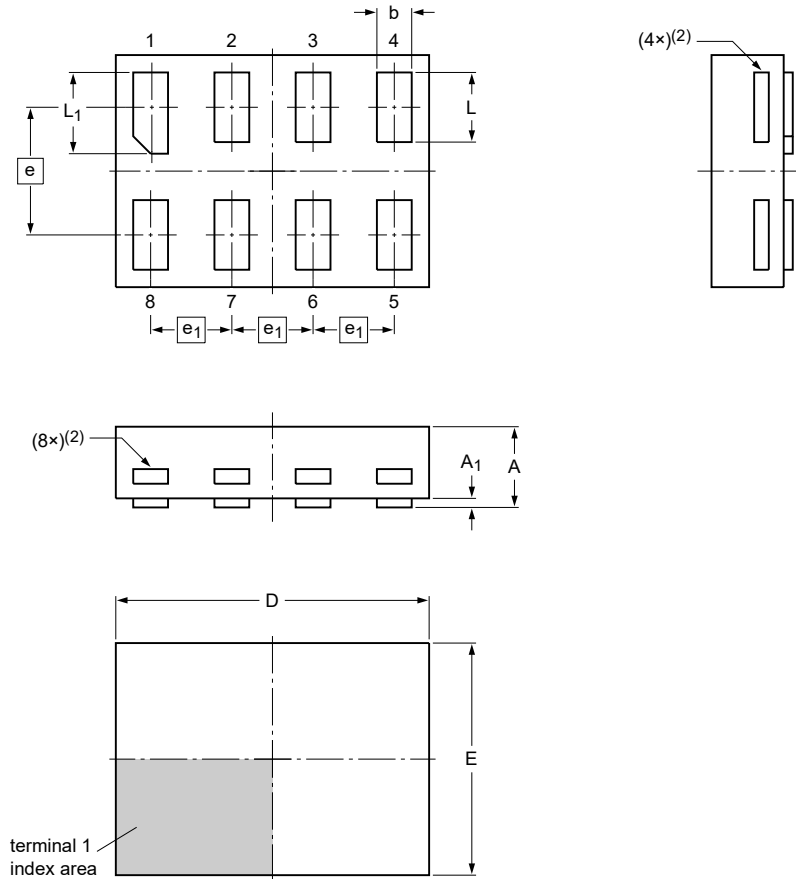
Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	1.3	-	1.35	1.4	mm
E	package width	0.95	-	1	1.05	mm
A	seated height	-	-	-	0.35	mm
A <sub>2</sub>	package height	-	-	-	0.31	mm
e	nominal pitch	-	-	0.35	-	mm
e <sub>1</sub>	minimal pitch	-	-	0.55	-	mm
n <sub>2</sub>	actual quantity of termination	-	-	8	-	

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## 2. Package outline

XSON8: extremely thin small outline package; no leads;  
8 terminals; body 1.35 x 1.0 x 0.35 mm

SOT1203



Dimensions

Unit	A <sup>(1)</sup>	A <sub>1</sub>	b	D	E	e	e <sub>1</sub>	L	L <sub>1</sub>
max	0.35	0.04	0.20	1.40	1.05			0.35	0.40
mm nom			0.15	1.35	1.00	0.55	0.35	0.30	0.35
min			0.12	1.30	0.95			0.27	0.32

Note

- Including plating thickness.
- Visible depending upon used manufacturing technology.

sot1203\_po

Outline version	References			European projection	Issue date
	IEC	JEDEC	JEITA		
SOT1203					10-04-02 10-04-06

Fig. 1. Package outline XSON8 (SOT1203)

### 3. Soldering

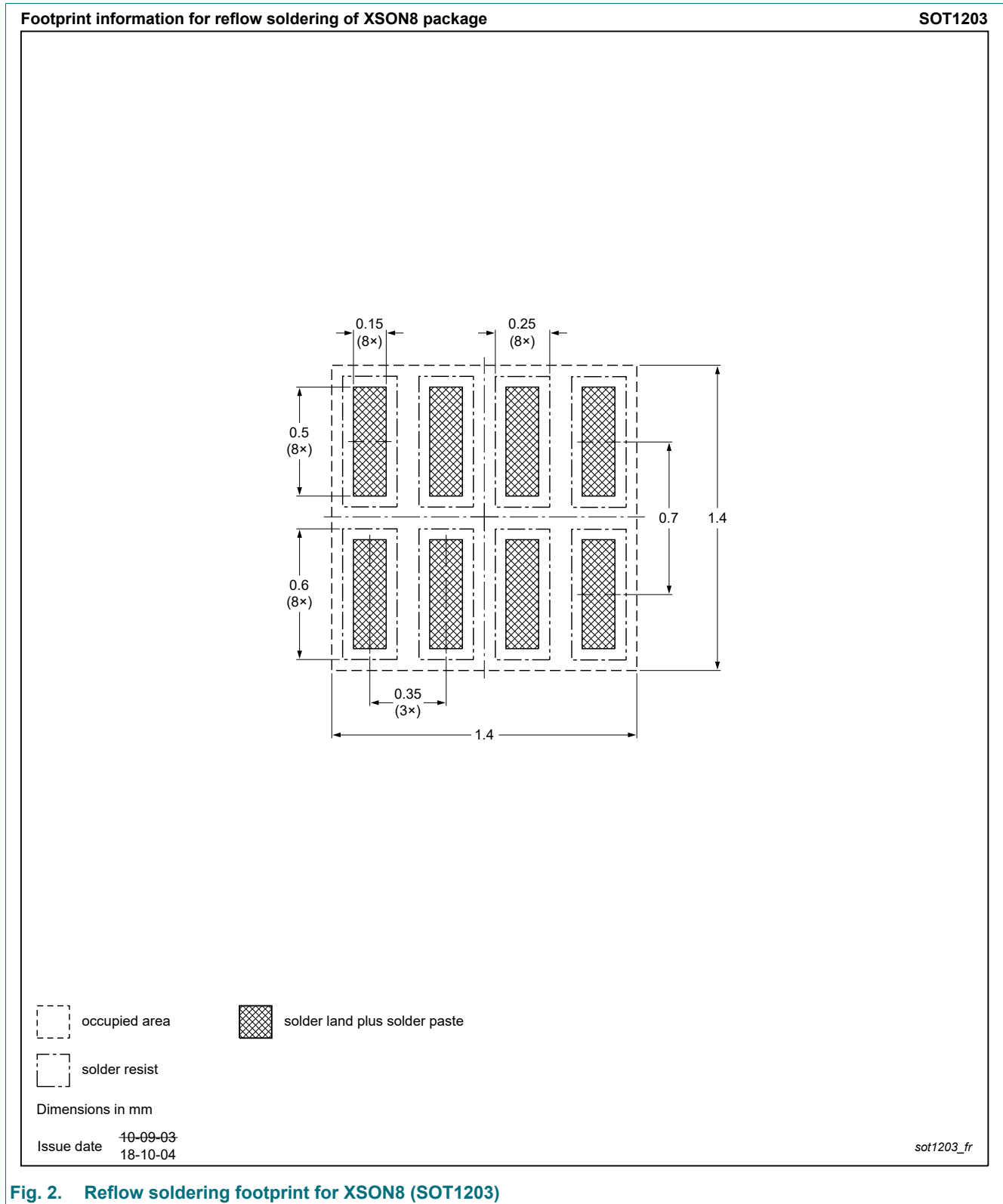


Fig. 2. Reflow soldering footprint for XSON8 (SOT1203)

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