



SOT1089

plastic, leadless extremely thin small outline package; 8 terminals; 0.55 mm pitch; 1.35 mm x 1 mm x 0.5 mm body

4 June 2018

Package information

1. Package summary

Terminal position code	B (bottom)
Package type descriptive code	XSON8
Package type industry code	XSON8
Package style descriptive code	XSON (extremely thin small outline; no leads)
Package body material type	P (plastic)
JEDEC package outline code	MO-252
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Issue date	12-4-2010
Manufacturer package code	SOT1089

Table 1. Package summary

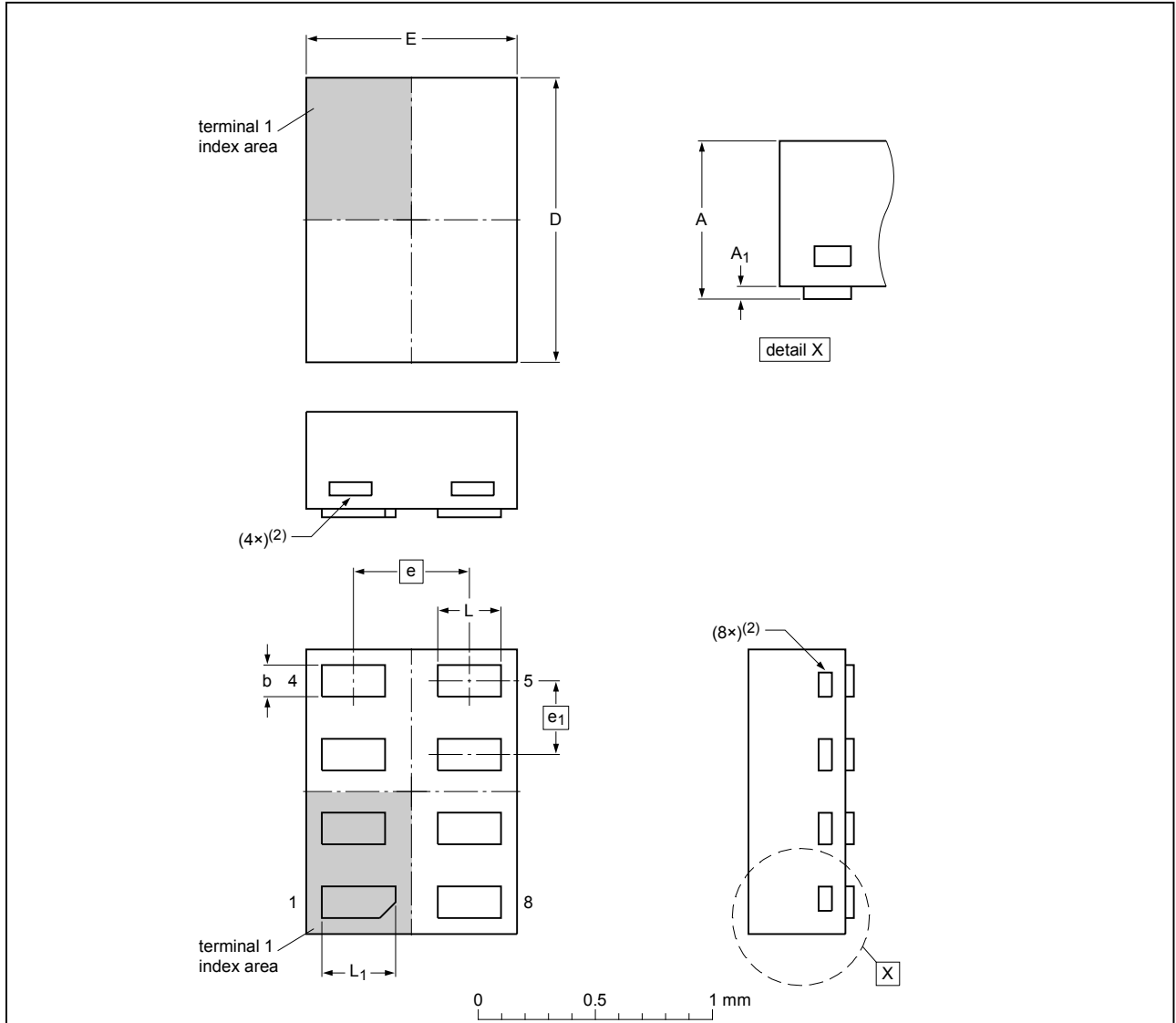
Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	1.3	-	1.35	1.4	mm
E	package width	0.95	-	1	1.05	mm
A	seated height	-	-	-	0.5	mm
e	nominal pitch	-	-	0.55	-	mm
n ₂	actual quantity of termination	-	-	8	-	

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2. Package outline

XSON8: extremely thin small outline package; no leads; 8 terminals; body 1.35 x 1 x 0.5 mm

SOT1089



Dimensions

Unit	A ⁽¹⁾	A ₁	b	D	E	e	e ₁	L	L ₁
mm	max 0.5	0.04	0.20	1.40	1.05			0.35	0.40
	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.

sot1089_po

Outline version	References			European projection	Issue date
	IEC	JEDEC	JEITA		
SOT1089	MO-252				10-04-09 10-04-12

Fig. 1. Package outline XSON8 (SOT1089)

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3. Soldering

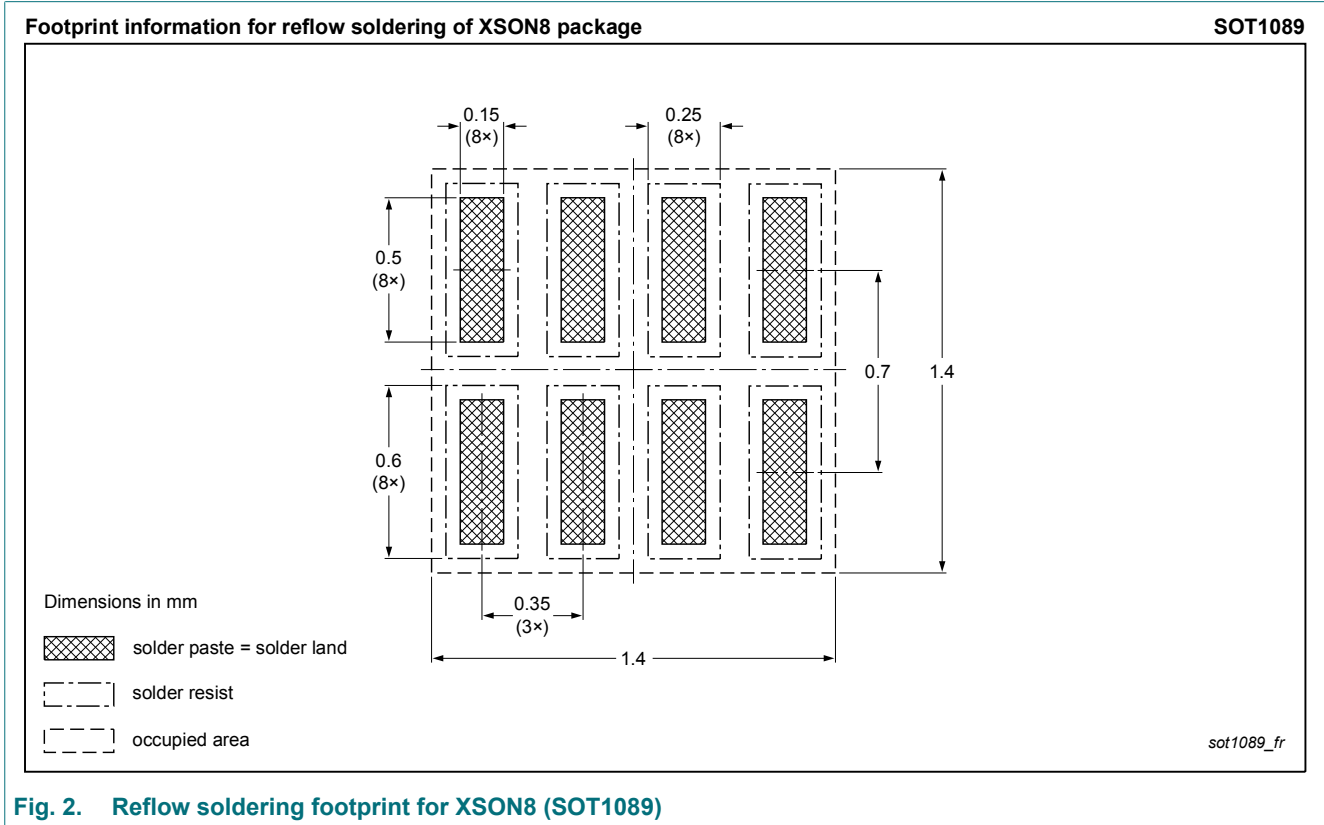


Fig. 2. Reflow soldering footprint for XSON8 (SOT1089)

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For sales office addresses, please send an email to: salesaddresses@nexperia.com
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