



SOT1116

plastic, leadless extremely thin small outline package; 8 terminals; 0.3 mm pitch; 1.2 mm x 1 mm x 0.35 mm body

2 June 2022

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)
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Issue date	7-4-2010
Manufacturer package code	SOT1116
Footprint dimensions (mm)	1.4 x 1.25
Footprint area (mm²)	1.75

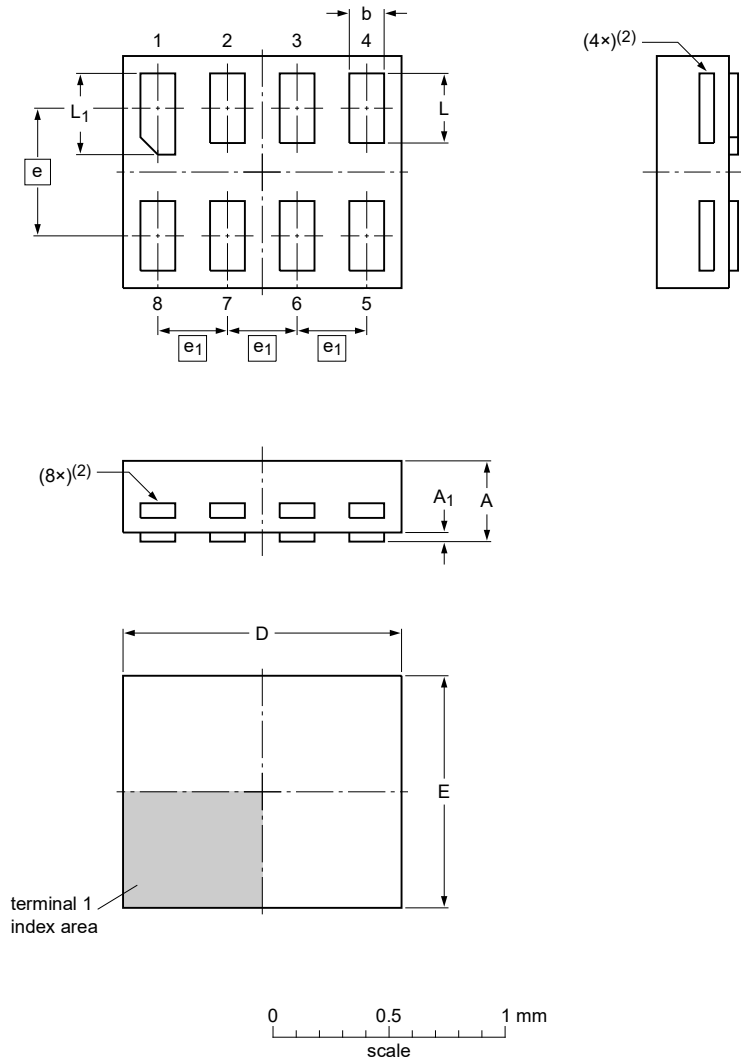
Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	1.15	-	1.2	1.25	mm
E	package width	0.95	-	1	1.05	mm
A	seated height	-	-	-	0.35	mm
e	nominal pitch	-	-	0.3	-	mm
e ₁	minimal pitch	-	-	0.55	-	mm
n ₂	actual quantity of termination	-	-	8	-	

2. Package outline

XSON8: extremely thin small outline package; no leads;
8 terminals; body 1.2 x 1.0 x 0.35 mm

SOT1116



Dimensions

Unit	A ⁽¹⁾	A ₁	b	D	E	e	e ₁	L	L ₁
max	0.35	0.04	0.20	1.25	1.05			0.35	0.40
mm nom			0.15	1.20	1.00	0.55	0.3	0.30	0.35
min			0.12	1.15	0.95			0.27	0.32

Note

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

sot1116_po

Outline version	References			European projection	Issue date
	IEC	JEDEC	JEITA		
SOT1116					10-04-02 10-04-07

Fig. 1. Package outline XSON8 (SOT1116)

3. Soldering

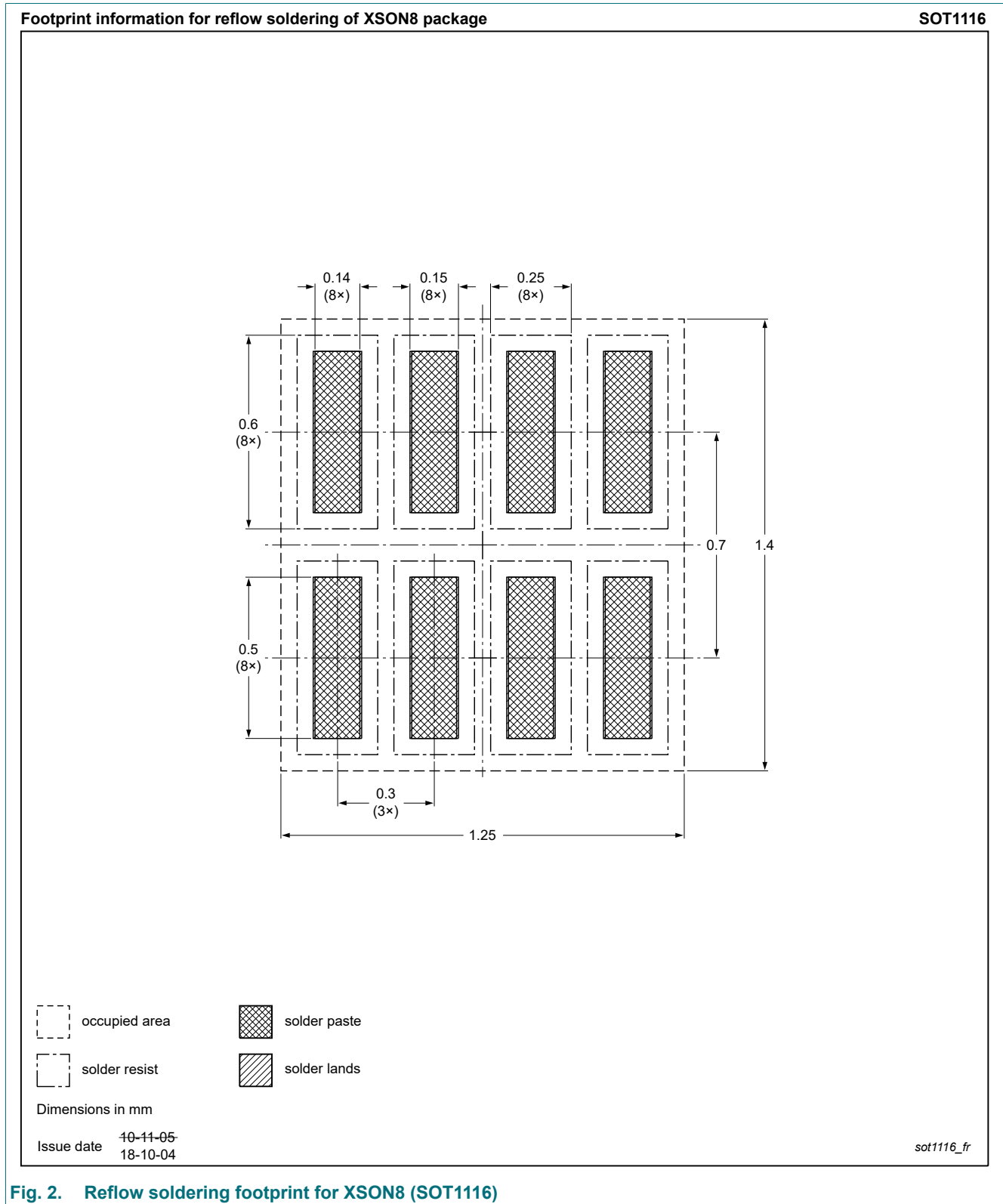


Fig. 2. Reflow soldering footprint for XSON8 (SOT1116)

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Date of release: 2 June 2022
