



# SOT1268

plastic, thin small outline package; no leads; 6 terminals; 1.4 mm x 1.2 mm x 0.47 mm body

22 September 2023

Package information

## 1. Package summary

<b>Terminal position code</b>	B (bottom)
<b>Package type descriptive code</b>	DFN1412-6
<b>Package type industry code</b>	DFN1412-6
<b>Package style descriptive code</b>	SON (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>	2-9-2016
<b>Manufacturer package code</b>	SOT1268
<b>Footprint dimensions (mm)</b>	1.6 x 1.71
<b>Footprint area (mm<sup>2</sup>)</b>	2.736
<b>Package dimensions including leads (l x w) (mm)</b>	1.4 x 1.2
<b>Package area (mm<sup>2</sup>)</b>	1.68

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	1.35	-	1.4	1.45	mm
E	package width	1.15	-	1.2	1.25	mm
A	seated height	0.44	-	0.47	0.5	mm
e	nominal pitch	-	-	0.5	-	mm
e <sub>1</sub>	minimal pitch	-	-	0.35	-	mm
n <sub>2</sub>	actual quantity of termination	-	-	6	-	

## 2. Package outline

DFN1412-6: plastic thermal enhanced ultra thin small outline package; no leads; 6 terminals; body: 1.4 x 1.2 x 0.47 mm

SOT1268

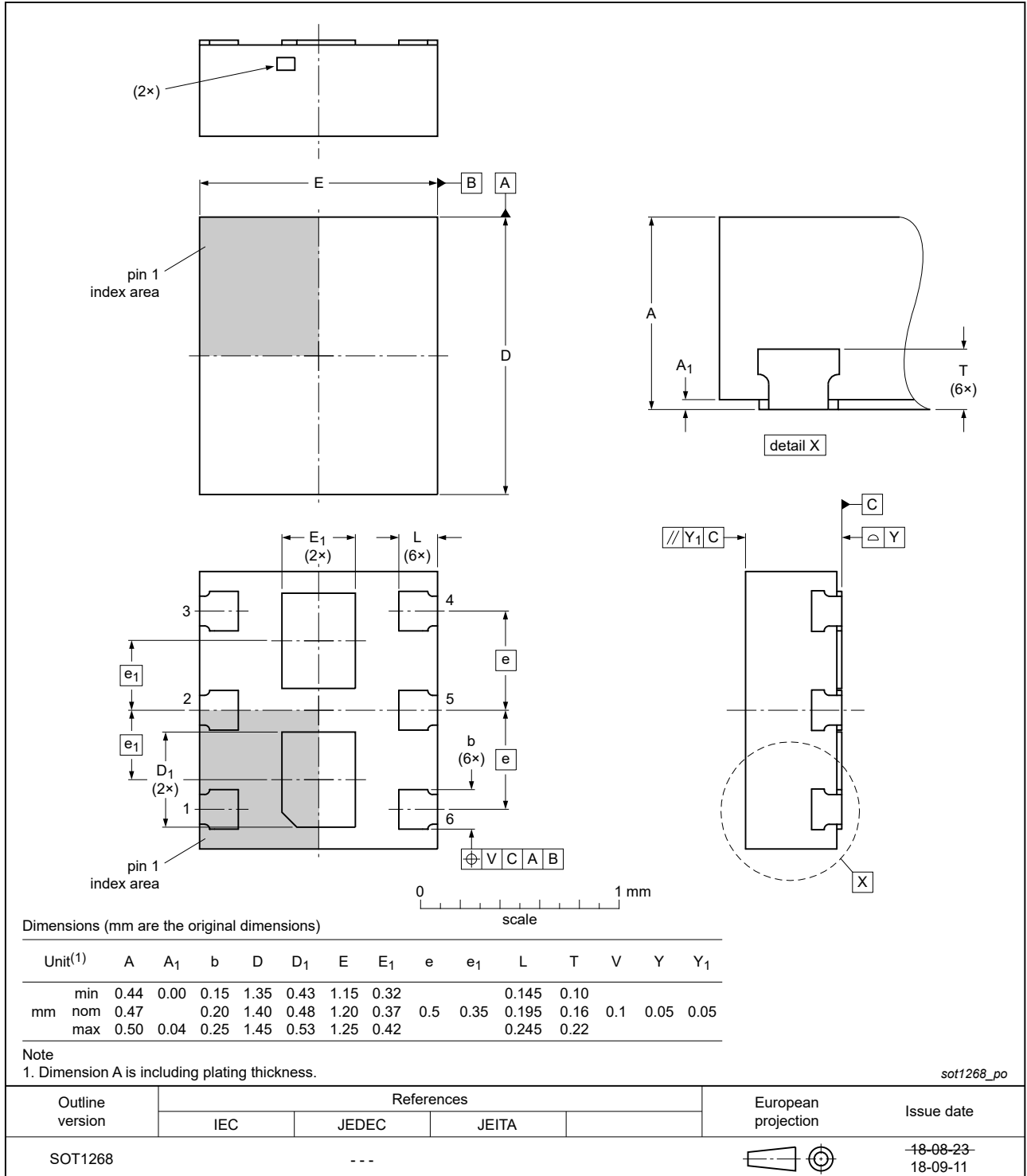


Fig. 1. Package outline DFN1412-6 (SOT1268)

### 3. Soldering

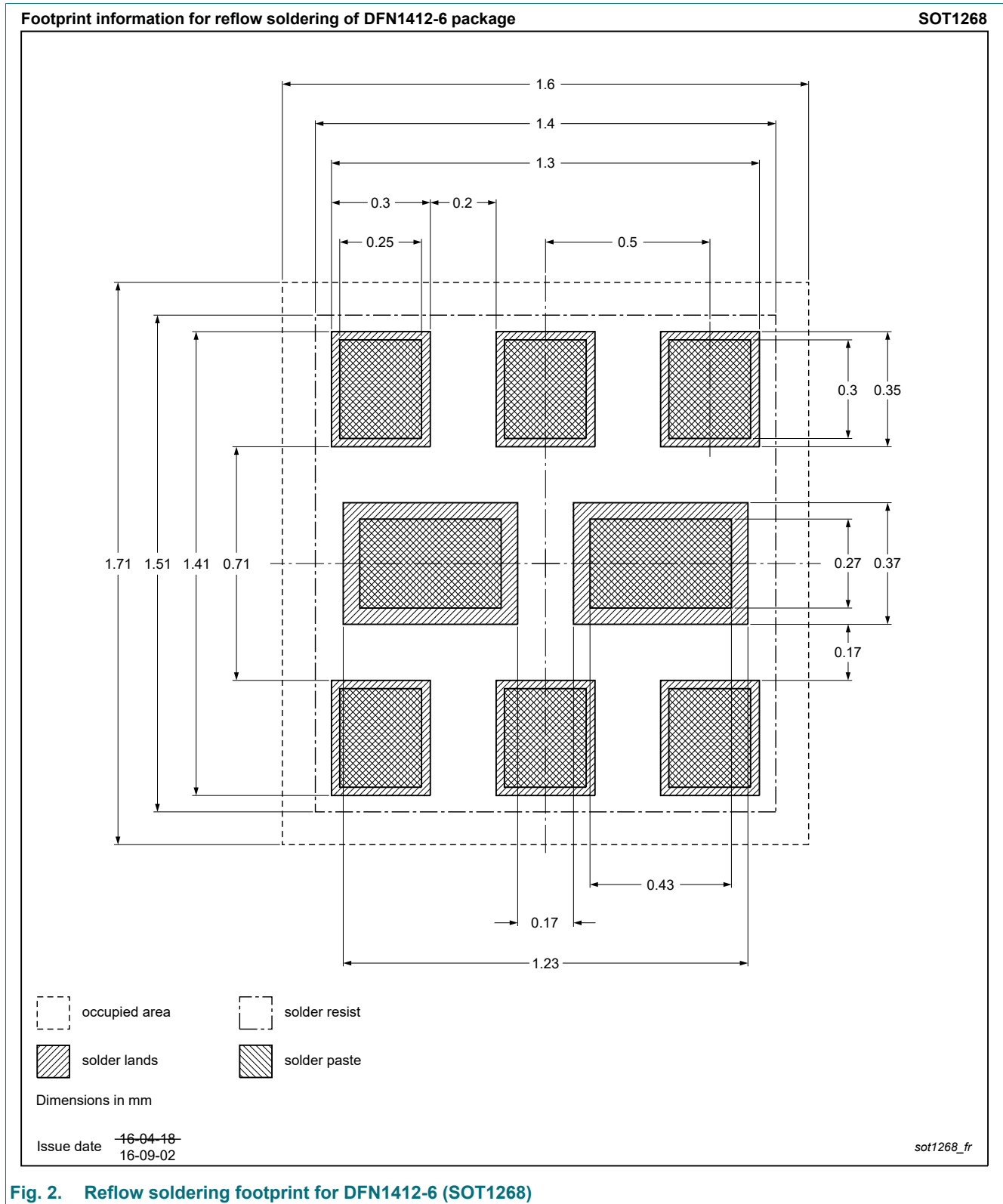


Fig. 2. Reflow soldering footprint for DFN1412-6 (SOT1268)

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For sales office addresses, please send an email to: [salesaddresses@nexperia.com](mailto:salesaddresses@nexperia.com)  
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