



# SOT1168-1

plastic, thermal enhanced ultra thin small outline package; 16 terminals; 0.4 mm pitch; 3.3 mm x 1.35 mm x 0.55 mm body

3 December 2024

Package information

## 1. Package summary

<b>Terminal position code</b>	D (double)
<b>Package type descriptive code</b>	HUSON6
<b>Package type industry code</b>	DFN3314-16
<b>Package style descriptive code</b>	HUSON (thermal enhanced ultra 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>	22-3-2010
<b>Manufacturer package code</b>	SOT1168
<b>Footprint dimensions (mm)</b>	3.51 x 1.99
<b>Footprint area (mm<sup>2</sup>)</b>	6.98
<b>Package dimensions including leads (l x w) (mm)</b>	3.3 x 1.35
<b>Package area (mm<sup>2</sup>)</b>	4.455

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	3.2	-	3.3	3.4	mm
E	package width	1.25	-	1.35	1.45	mm
A	seated height	-	-	-	0.55	mm
e	nominal pitch	-	-	0.4	-	mm
n <sub>2</sub>	actual quantity of termination	-	-	16	-	

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## 2. Package outline

HUSON16: plastic, thermal enhanced ultra thin small outline package; no leads; 16 terminals; body 1.35 x 3.3 x 0.55 mm

SOT1168-1

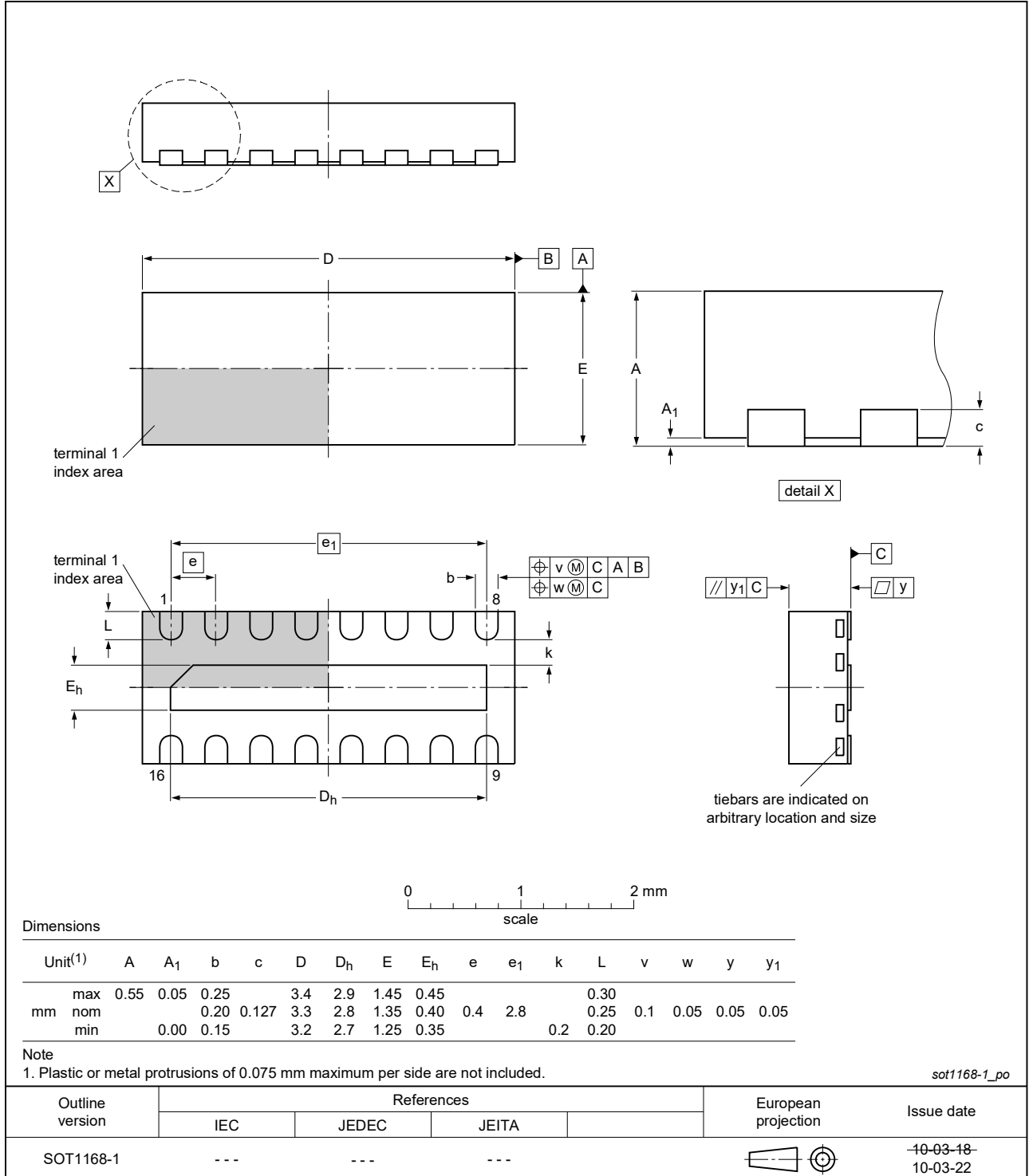
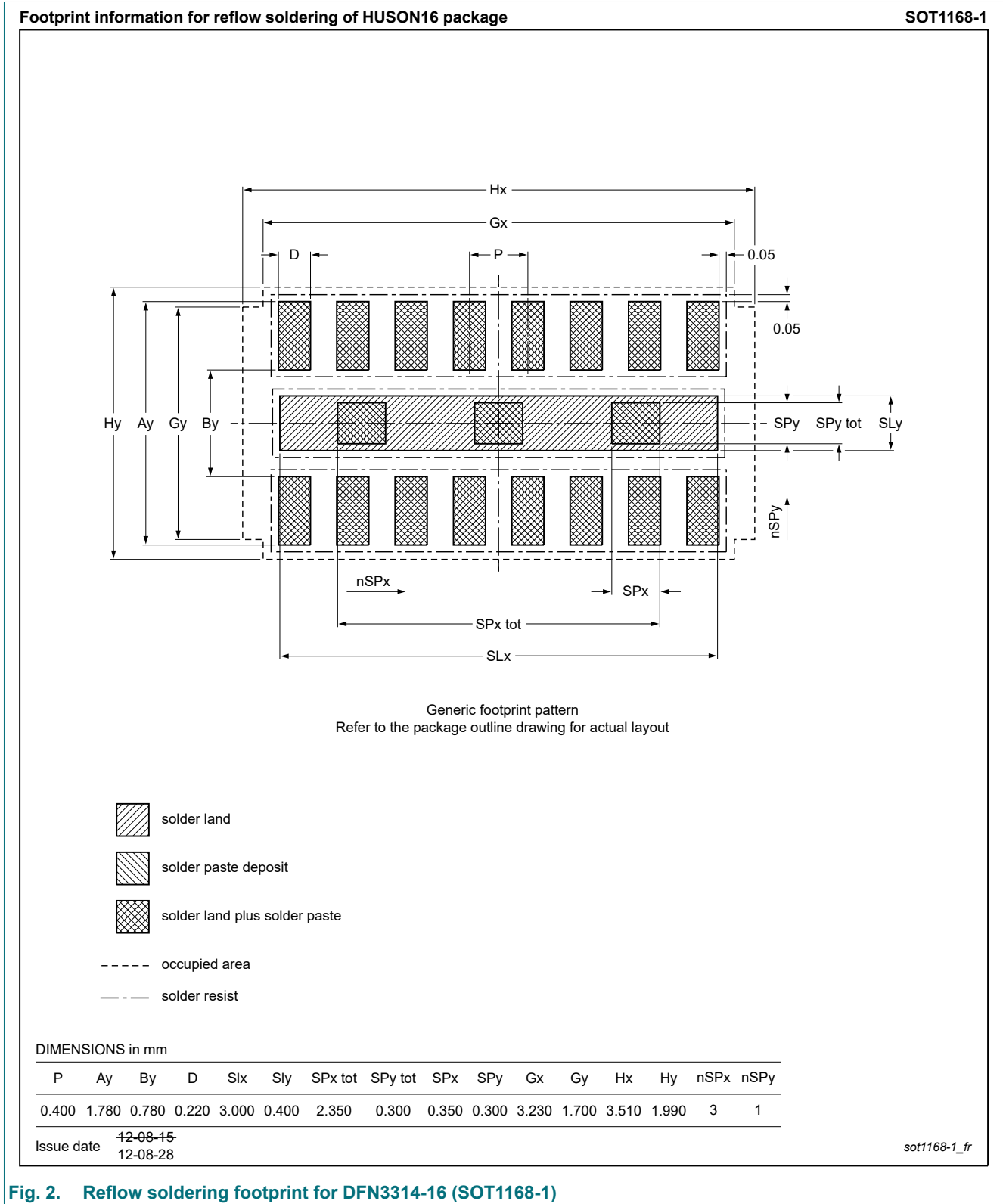


Fig. 1. Package outline DFN3314-16 (SOT1168-1)

### 3. Soldering



**Fig. 2. Reflow soldering footprint for DFN3314-16 (SOT1168-1)**

## 4. Legal information

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