

# SOT1161-1

plastic, leadless extremely thin quad flat package; 16 terminals; 0.4 mm pitch; 2.6 mm x 1.8 mm x 0.5 mm body

14 November 2018

Package information

## 1. Package summary

<b>Terminal position code</b>	B (bottom)
<b>Package type descriptive code</b>	XQFN16
<b>Package type industry code</b>	XQFN16
<b>Package style descriptive code</b>	XQFN (extremely thin quad flatpack; no leads)
<b>Package body material type</b>	P (plastic)
<b>IEC package outline code</b>	---
<b>JEDEC package outline code</b>	---
<b>JEITA package outline code</b>	---
<b>Mounting method type</b>	S (surface mount)
<b>Number of package outline detail graphic references</b>	0
<b>Issue date</b>	29-12-2009
<b>Manufacturer package code</b>	SOT1161
<b>Footprint dimensions (mm)</b>	2.6 x 1.8
<b>Footprint area (mm<sup>2</sup>)</b>	4.7

Table 1. Package summary

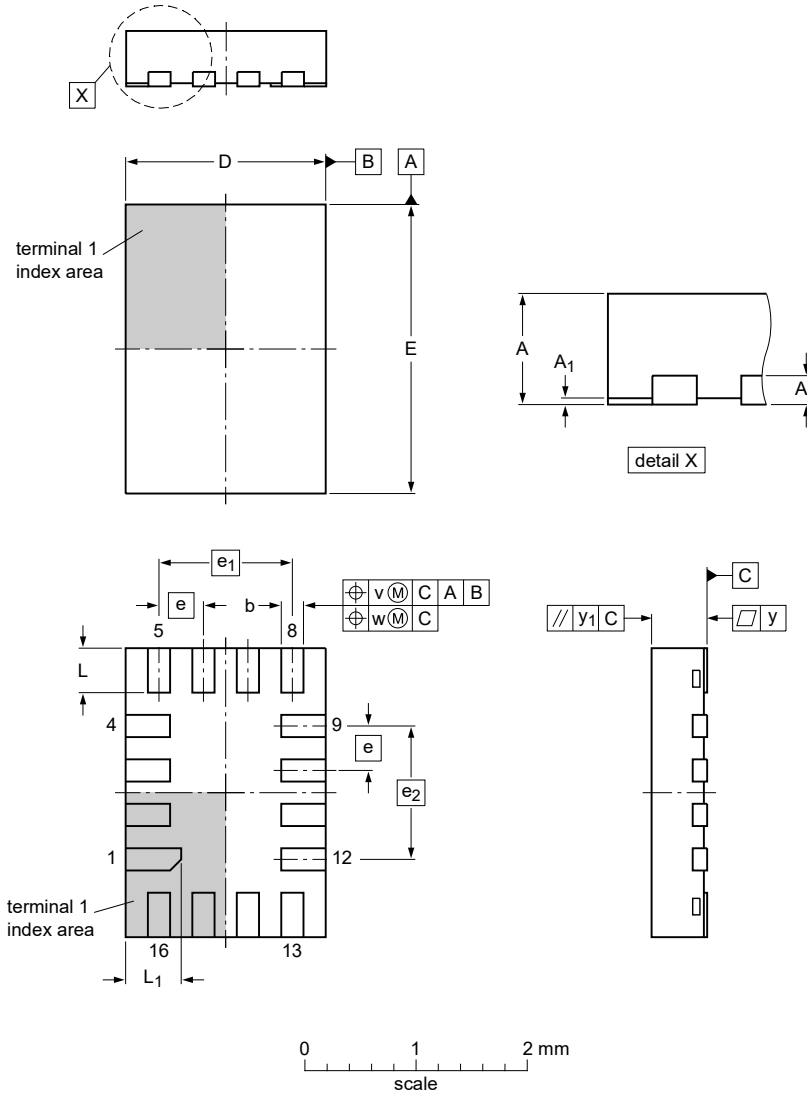
Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	1.7	-	1.8	1.9	mm
E	package width	2.5	-	2.6	2.7	mm
A	seated height	-	-	-	0.5	mm
e	nominal pitch	-	-	0.4	-	mm
n <sub>2</sub>	actual quantity of termination	-	-	16	-	

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## 2. Package outline

**XQFN16: plastic, extremely thin quad flat package; no leads; 16 terminals; body 1.80 x 2.60 x 0.50 mm**

SOT1161-1



**Dimensions**

Unit <sup>(1)</sup>	A	A <sub>1</sub>	A <sub>3</sub>	b	D	E	e	e <sub>1</sub>	e <sub>2</sub>	L	L <sub>1</sub>	v	w	y	y <sub>1</sub>
max	0.5	0.05		0.25	1.9	2.7				0.45	0.55				
mm nom			0.127	0.20	1.8	2.6	0.4	1.2	1.2	0.40	0.50	0.1	0.05	0.05	0.05
min		0.00		0.15	1.7	2.5				0.35	0.45				

**Note**

1. Plastic or metal protrusions of 0.075 mm maximum per side are not included.

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Outline version	References			European projection	Issue date
	IEC	JEDEC	JEITA		
SOT1161-1	---	---	---		09-12-28 09-12-29

**Fig. 1. Package outline XQFN16 (SOT1161-1)**

plastic, leadless extremely thin quad flat package; 16 terminals; 0.4 mm pitch; 2.6 mm x 1.8 mm x 0.5 mm body

### 3. Soldering

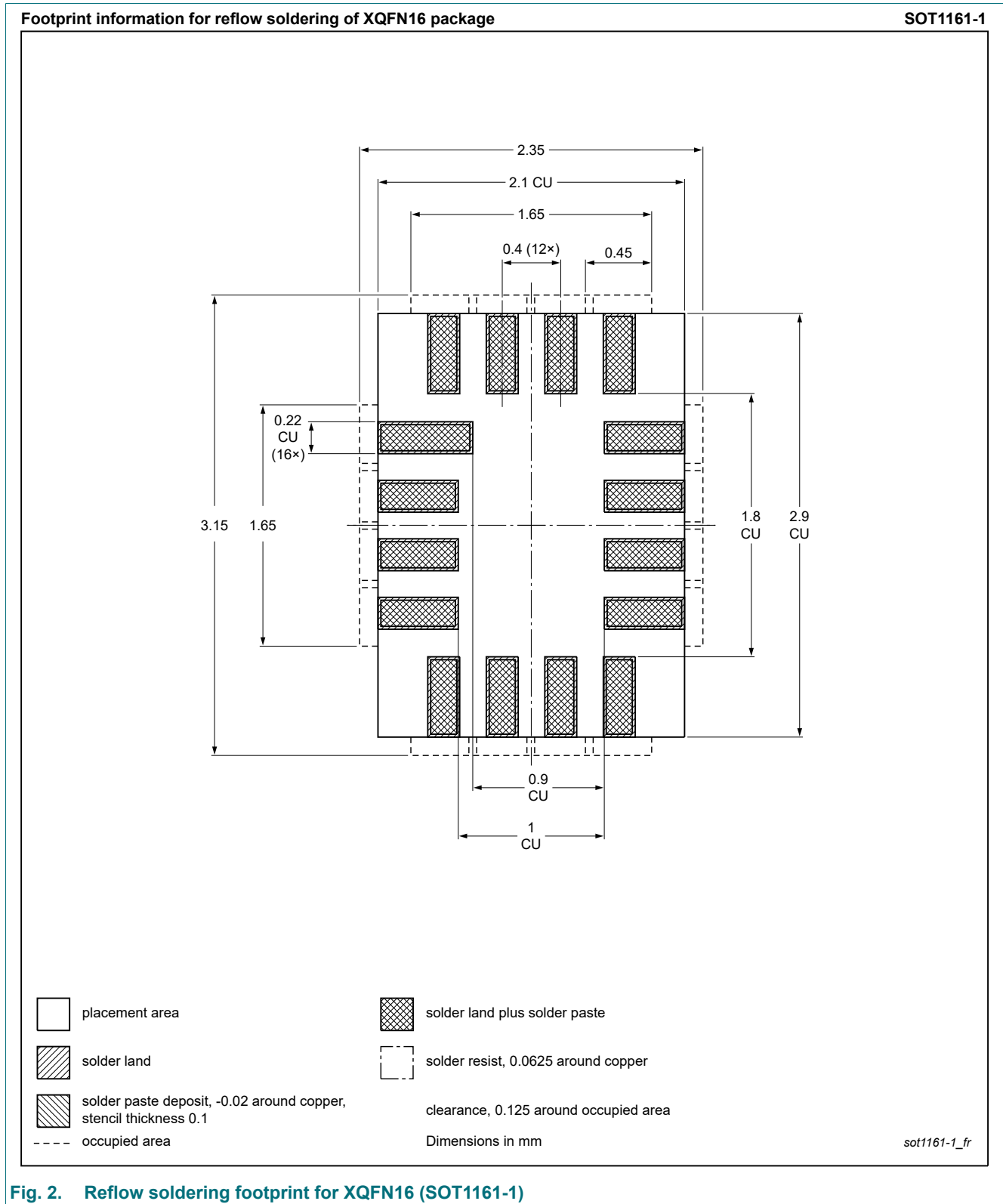


Fig. 2. Reflow soldering footprint for XQFN16 (SOT1161-1)

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## Contents

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1. Package summary.....	1
2. Package outline.....	2
3. Soldering.....	3
4. Legal information.....	4

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