



SOT519-1

plastic, shrink small outline package; 16 leads; 0.635 mm pitch; 4.9 mm x 3.9 mm x 1.73 mm body

18 October 2018

Package information

1. Package summary

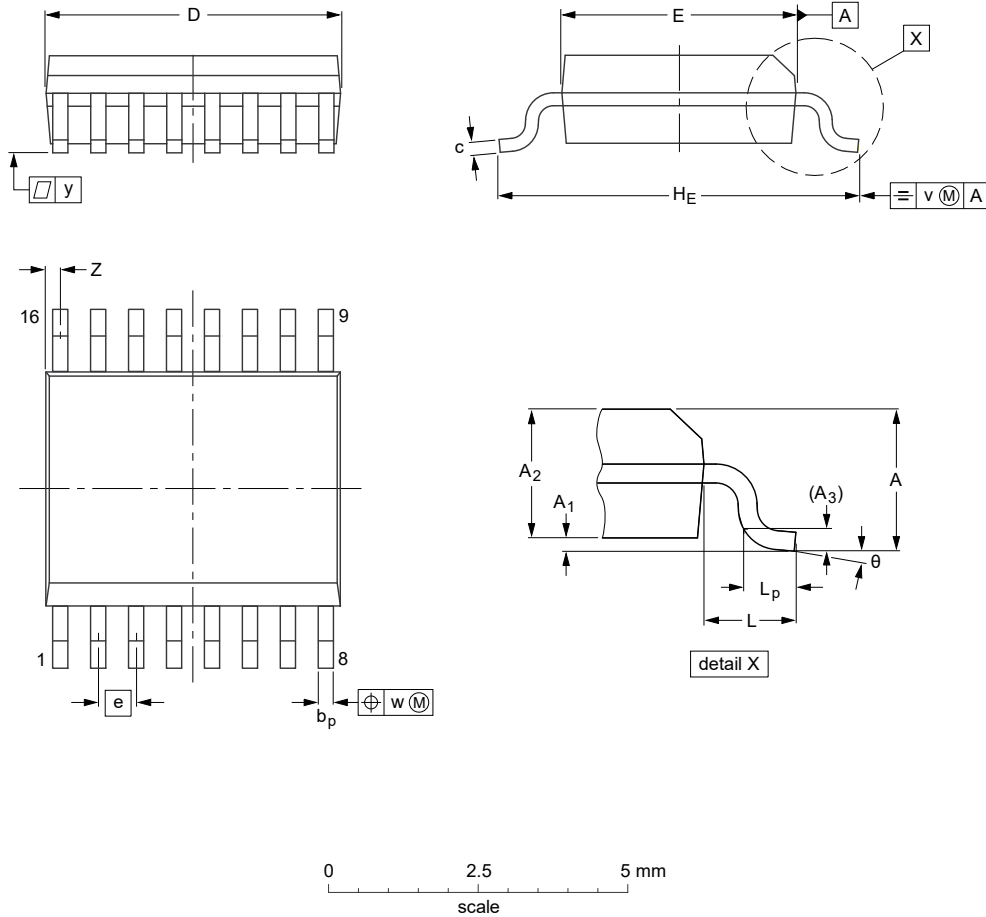
Terminal position code	D (double)
Package type descriptive code	SSOP16
Package type industry code	SSOP16
Package style descriptive code	SSOP (shrink small outline package)
Package body material type	P (plastic)
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Issue date	18-2-2003
Manufacturer package code	SOT519
Footprint dimensions (mm)	6 x 4.9
Footprint area (mm²)	29.4

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	4.8	-	4.9	5	mm
E	package width	3.8	-	3.9	4	mm
A	seated height	-	-	1.73	1.73	mm
A ₂	package height	1.4	-	1.55	1.55	mm
e	nominal pitch	-	-	0.635	-	mm
n ₂	actual quantity of termination	-	-	16	-	

2. Package outline

SSOP16: plastic shrink small outline package; 16 leads; body width 3.9 mm; lead pitch 0.635 mm SOT519-1



DIMENSIONS (mm are the original dimensions)

UNIT	A max.	A ₁	A ₂	A ₃	b _p	c	D ⁽¹⁾	E ⁽¹⁾	e	H _E	L	L _p	v	w	y	Z ⁽¹⁾	θ
mm	1.73	0.25 0.10	1.55 1.40	0.25	0.31 0.20	0.25 0.18	5.0 4.8	4.0 3.8	0.635	6.2 5.8	1	0.89 0.41	0.2	0.18	0.09	0.18 0.05	8° 0°

Note

1. Plastic or metal protrusions of 0.2 mm maximum per side are not included.

OUTLINE VERSION	REFERENCES				EUROPEAN PROJECTION	ISSUE DATE
	IEC	JEDEC	JEITA			
SOT519-1						-99-05-04- 03-02-18

Fig. 1. Package outline SSOP16 (SOT519-1)

3. Soldering

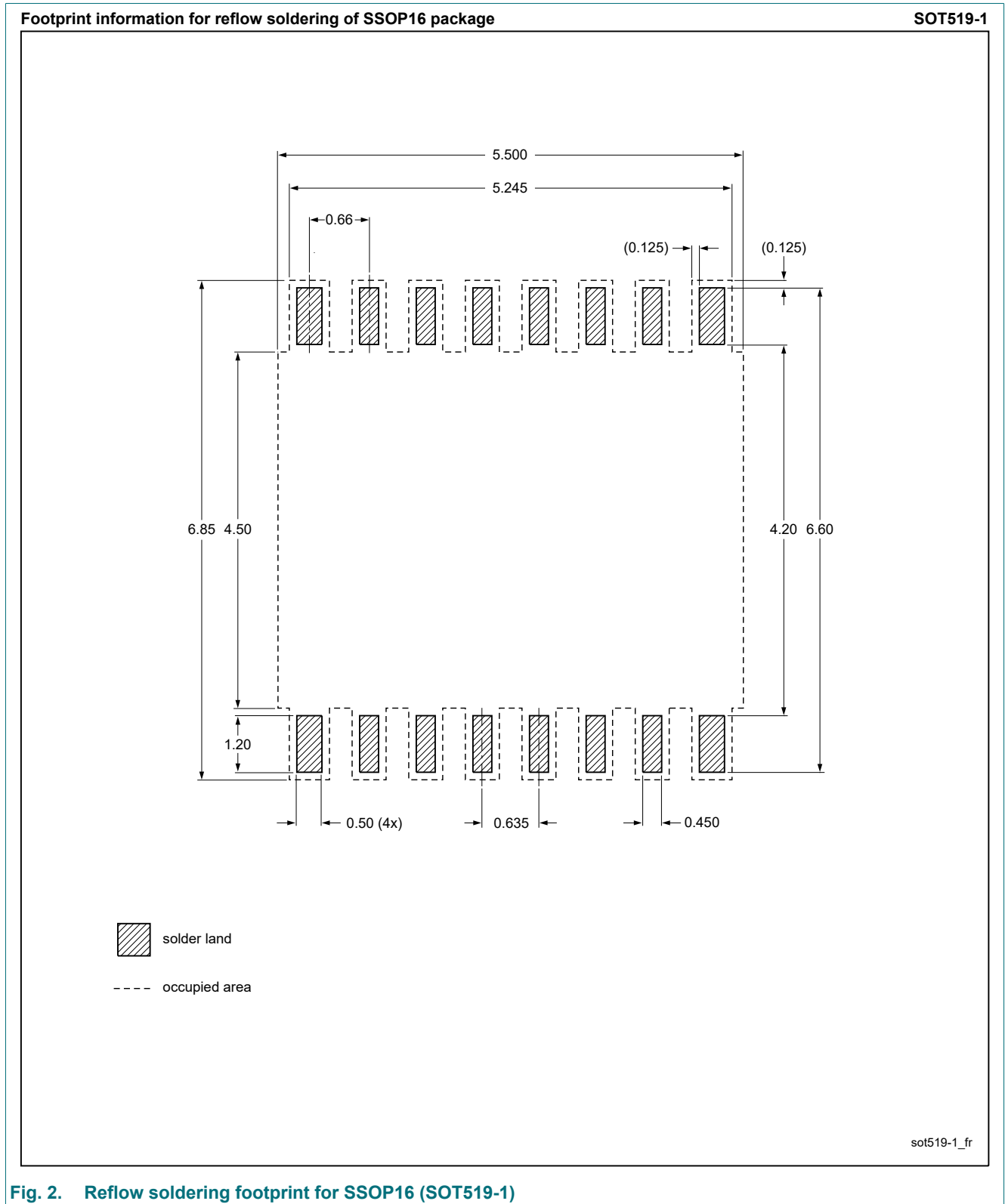


Fig. 2. Reflow soldering footprint for SSOP16 (SOT519-1)

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