



# SOT108-1

plastic, small outline package; 14 leads; 1.27 mm pitch; 8.65 mm x 3.9 mm x 1.75 mm body

30 January 2017

Package information

## 1. Package summary

<b>Terminal position code</b>	D (double)
<b>Package type descriptive code</b>	SO14
<b>Package type industry code</b>	SO14
<b>Package style descriptive code</b>	SO (small outline)
<b>Package body material type</b>	P (plastic)
<b>IEC package outline code</b>	076E06
<b>JEDEC package outline code</b>	MS-012
<b>Mounting method type</b>	S (surface mount)
<b>Issue date</b>	19-2-2003
<b>Manufacturer package code</b>	SOT108

Table 1. Package summary

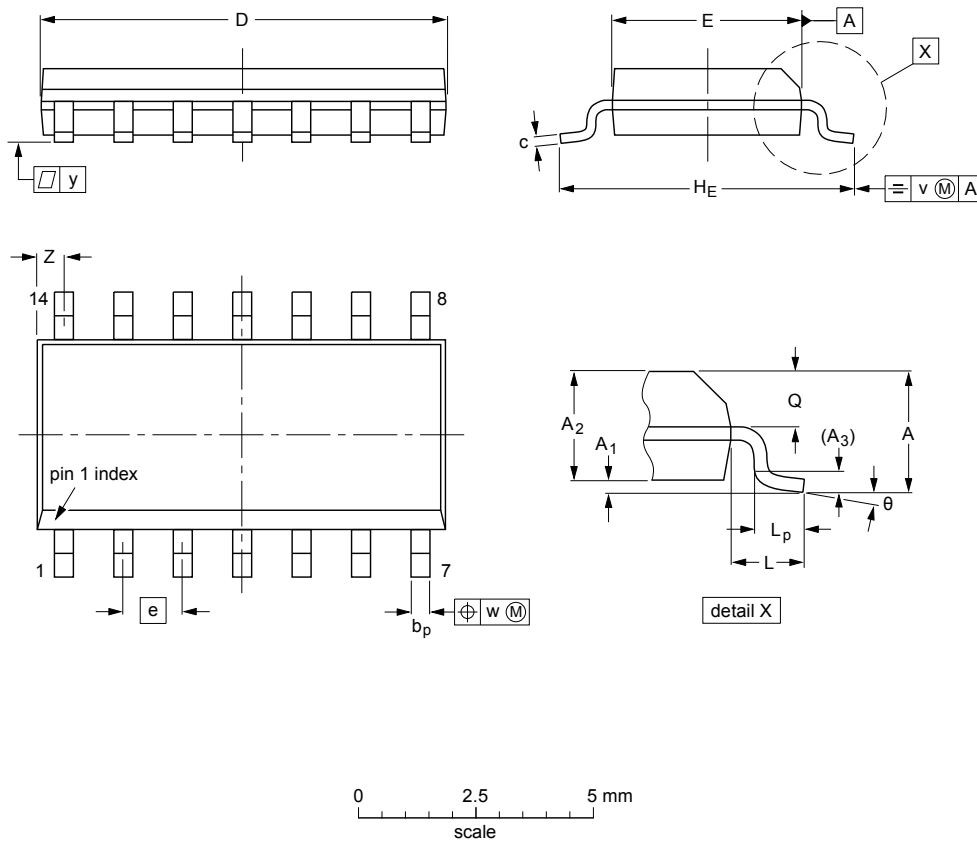
Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	8.55	-	8.65	8.75	mm
E	package width	3.8	-	3.9	4	mm
A	seated height	-	-	1.75	1.75	mm
A <sub>2</sub>	package height	1.25	-	1.35	1.45	mm
e	nominal pitch	-	-	1.27	-	mm
n <sub>2</sub>	actual quantity of termination	-	-	14	-	

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## 2. Package outline

SO14: plastic small outline package; 14 leads; body width 3.9 mm

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DIMENSIONS (inch dimensions are derived from the original mm dimensions)

UNIT	A max.	A <sub>1</sub>	A <sub>2</sub>	A <sub>3</sub>	b <sub>p</sub>	c	D <sup>(1)</sup>	E <sup>(1)</sup>	e	H <sub>E</sub>	L	L <sub>p</sub>	Q	v	w	y	Z <sup>(1)</sup>	θ
mm	1.75	0.25 0.10	1.45 1.25	0.25	0.49 0.36	0.25 0.19	8.75 8.55	4.0 3.8	1.27	6.2 5.8	1.05	1.0 0.4	0.7 0.6	0.25	0.25	0.1	0.7 0.3	8° 0°
inches	0.069	0.010 0.004	0.057 0.049	0.01	0.019 0.014	0.0100 0.0075	0.35 0.34	0.16 0.15	0.05	0.244 0.228	0.041	0.039 0.016	0.028 0.024	0.01	0.01	0.004	0.028 0.012	

Note

1. Plastic or metal protrusions of 0.15 mm (0.006 inch) maximum per side are not included.

OUTLINE VERSION	REFERENCES			EUROPEAN PROJECTION	ISSUE DATE
	IEC	JEDEC	JEITA		
SOT108-1	076E06	MS-012			99-12-27 03-02-19

Fig. 1. Package outline SO14 (SOT108-1)

### 3. Legal information

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