



SOT146-1

plastic, dual in-line package; 20 leads; 2.54 mm pitch; 26.1 mm x 6.35 mm x 4.2 mm body

30 January 2017

Package information

1. Package summary

Terminal position code	D (double)
Package type descriptive code	DIP20
Package type industry code	DIP20
Package style descriptive code	DIP (dual in-line package)
Package body material type	P (plastic)
JEDEC package outline code	MS-001
JEITA package outline code	SC-603
Mounting method type	T (through-hole mount)
Issue date	13-2-2003
Manufacturer package code	SOT146

Table 1. Package summary

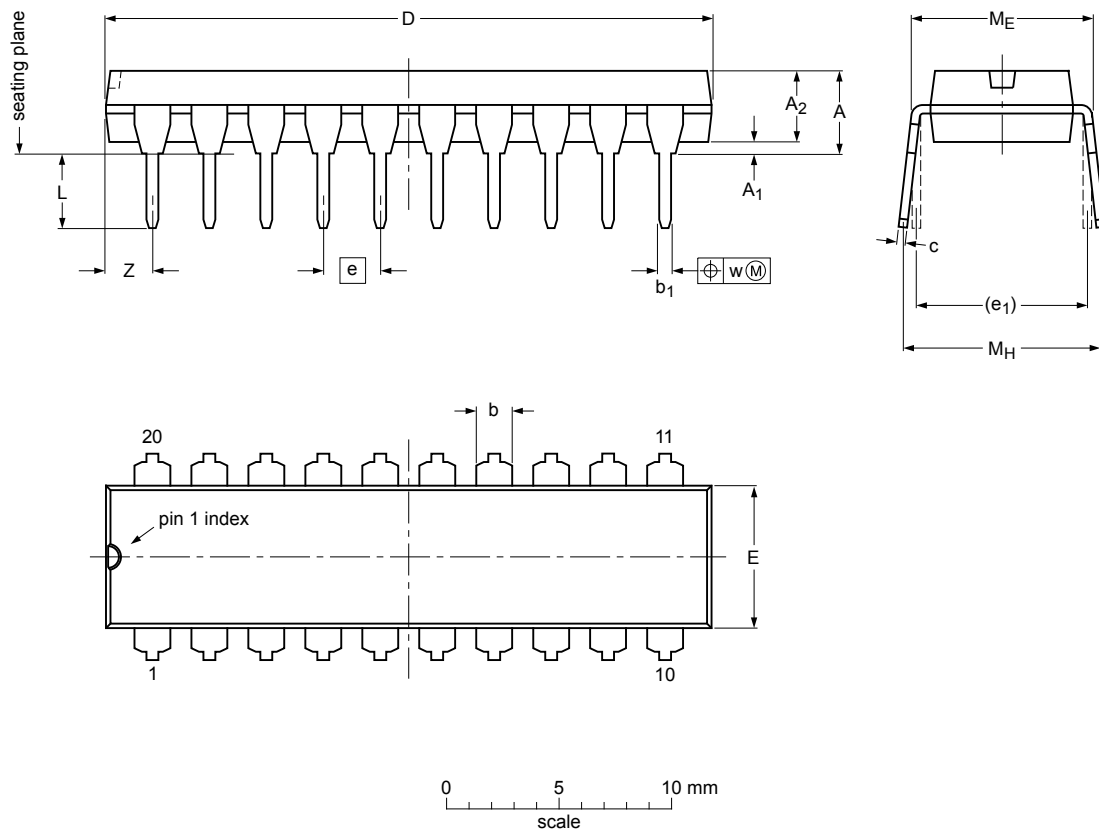
Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	26.03	-	26.16	26.29	mm
E	package width	6.22	-	6.35	6.4	mm
A	seated height	-	-	4.2	4.2	mm
A ₂	package height	-	-	3.04	3.2	mm
e	nominal pitch	-	-	2.54	-	mm
n ₂	actual quantity of termination	-	-	20	-	

plastic, dual in-line package; 20 leads; 2.54 mm pitch; 26.1 mm x 6.35 mm x 4.2 mm body

2. Package outline

DIP20: plastic dual in-line package; 20 leads (300 mil)

SOT146-1



Dimensions (mm are the original dimensions)

Unit ⁽¹⁾	A	A ₁	A ₂	b	b ₁	c	D ⁽¹⁾	E ⁽¹⁾	e	e ₁	L	M _E	M _H	w	Z ⁽¹⁾
max	4.2		3.2	1.73	0.53	0.36	26.29	6.40			3.60	8.25	10.0		2
mm nom									2.54	7.62				0.254	
min		0.51		1.30	0.38	0.23	26.03	6.22			3.05	7.80	8.3		

Note

1. Plastic or metal protrusions of 0.25 mm (0.01 inch) maximum per side are not included.

sot146-1_po

Outline version	References			European projection	Issue date
	IEC	JEDEC	JEITA		
SOT146-1		MS-001	SC-603		-03-02-13- 15-12-10

Fig. 1. Package outline DIP20 (SOT146-1)

3. Legal information

Disclaimers

Limited warranty and liability — Information in this document is believed to be accurate and reliable. However, Nexperia does not give any representations or warranties, expressed or implied, as to the accuracy or completeness of such information and shall have no liability for the consequences of use of such information. Nexperia takes no responsibility for the content in this document if provided by an information source outside of Nexperia.

In no event shall Nexperia be liable for any indirect, incidental, punitive, special or consequential damages (including - without limitation - lost profits, lost savings, business interruption, costs related to the removal or replacement of any products or rework charges) whether or not such damages are based on tort (including negligence), warranty, breach of contract or any other legal theory.

Notwithstanding any damages that customer might incur for any reason whatsoever, Nexperia' aggregate and cumulative liability towards customer for the products described herein shall be limited in accordance with the *Terms and conditions of commercial sale* of Nexperia.

Right to make changes — Nexperia reserves the right to make changes to information published in this document, including without limitation specifications and product descriptions, at any time and without notice. This document supersedes and replaces all information supplied prior to the publication hereof.

plastic, dual in-line package; 20 leads; 2.54 mm pitch; 26.1 mm x 6.35 mm x 4.2 mm body

4. Contents

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

© Nexperia B.V. 2017. All rights reserved

For more information, please visit: <http://www.nexperia.com>
For sales office addresses, please send an email to: salesaddresses@nexperia.com
Date of release: 30 January 2017
