

SOT1093-1

TQFP80: plastic thin quad flat package; 80 leads; body 14 x 14 x 1.1 mm

8 February 2016

Package information

1. Package summary

Terminal position code	Q (quad)
Package type descriptive code	TQFP80
Package type industry code	TQFP80
Package style descriptive code	TQFP (thin quad flat package)
Package style suffix code	NA (not applicable)
Package body material type	P (plastic)
IEC package outline code	136E19
JEDEC package outline code	MS-026
Mounting method type	S (surface mount)
Issue date	14-11-2008

Table 1. Package summary

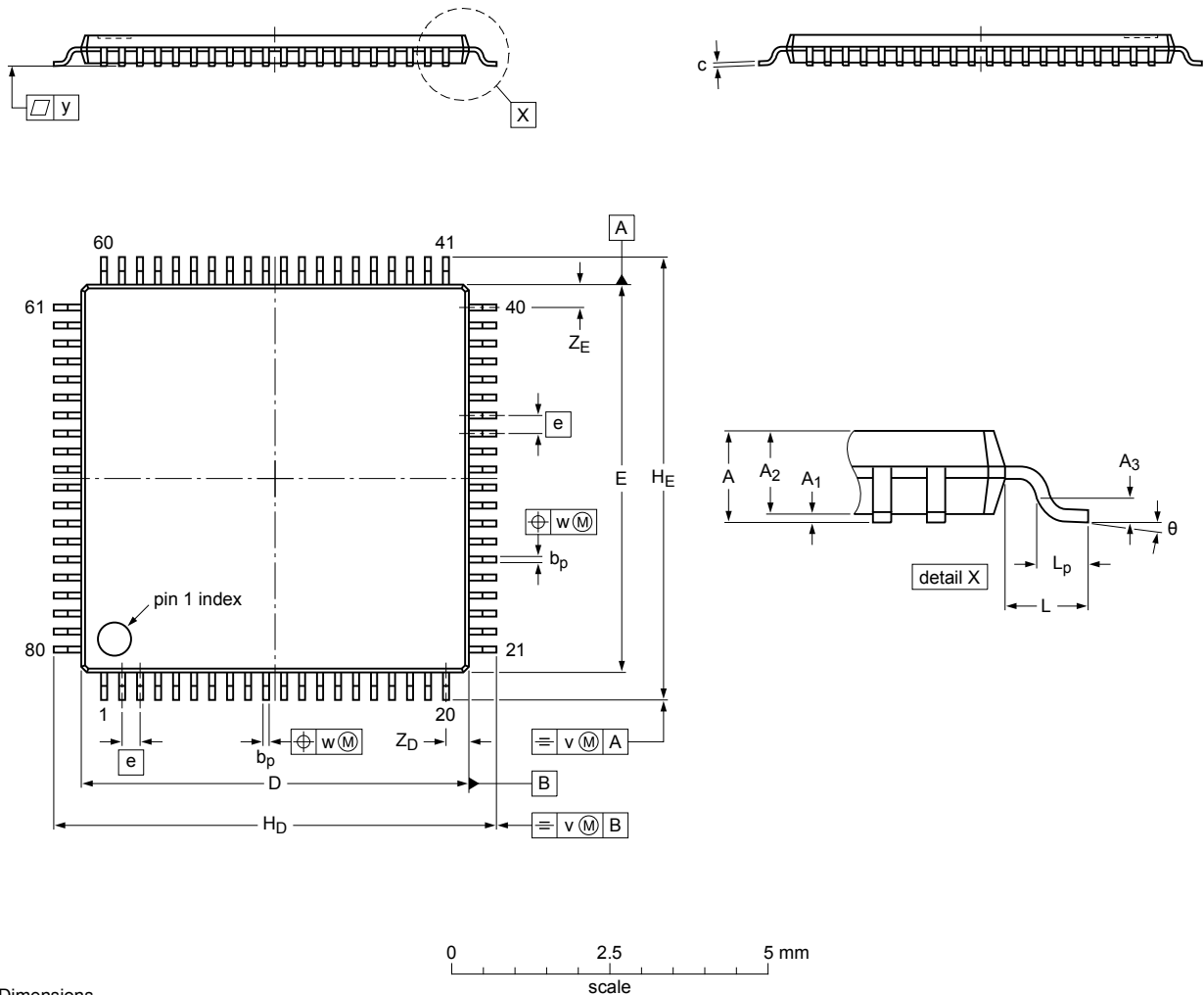
Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	13.9	-	14	14.1	mm
E	package width	13.9	-	14	14.1	mm
A	seated height	1	-	1.1	1.2	mm
A ₂	package height	0.95	-	1	1.05	mm
n ₂	actual quantity of termination	-	-	80	-	



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2. Package outline

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Dimensions

Unit	A	A ₁	A ₂	A ₃	bp	c	D ⁽¹⁾	E ⁽¹⁾	e	H _D	H _E	L	L _p	v	w	y	Z _D ⁽¹⁾	Z _E ⁽¹⁾	θ
max	1.2	0.15	1.05		0.38	0.20	14.1	14.1		16.15	16.15	0.75					1.00	1.00	7°
mm nom	1.1	0.10	1.00	0.25	0.32	0.15	14.0	14.0	0.65	16.00	16.00	1	0.60	0.2	0.13	0.1	0.82	0.82	
min	1.0	0.05	0.95		0.22	0.09	13.9	13.9		15.85	15.85	0.45					0.65	0.65	0°

Note

1. Plastic or metal protrusions of 0.25 mm maximum per side are not included.

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Outline version	References			European projection	Issue date
	IEC	JEDEC	JEITA		
SOT1093-1	136E19	MS-026			08-11-14

Fig. 1. Package outline TQFP80 (SOT1093-1)

3. Legal information

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