



SOT803-1

plastic quad flat package; 44 leads (lead length 1.6 mm);
body 10 x 10 x 2 mm

8 February 2016

Package information

1. Package summary

Terminal position code	Q (quad)
Package type descriptive code	QFP44
Package type industry code	QFP44
Package style descriptive code	QFP (quad flat package)
Package style suffix code	NA (not applicable)
Package body material type	P (plastic)
IEC package outline code	134E05
JEDEC package outline code	MS-022
JEITA package outline code	ED-7311CB
Mounting method type	S (surface mount)
Issue date	29-1-2003

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	9.9	-	10	10.1	mm
E	package width	9.9	-	10	10.1	mm
A	seated height	[tbd]	-	2.45	2.45	mm
A ₂	package height	1.8	-	2	2.2	mm
n ₂	actual quantity of termination	-	-	44	-	

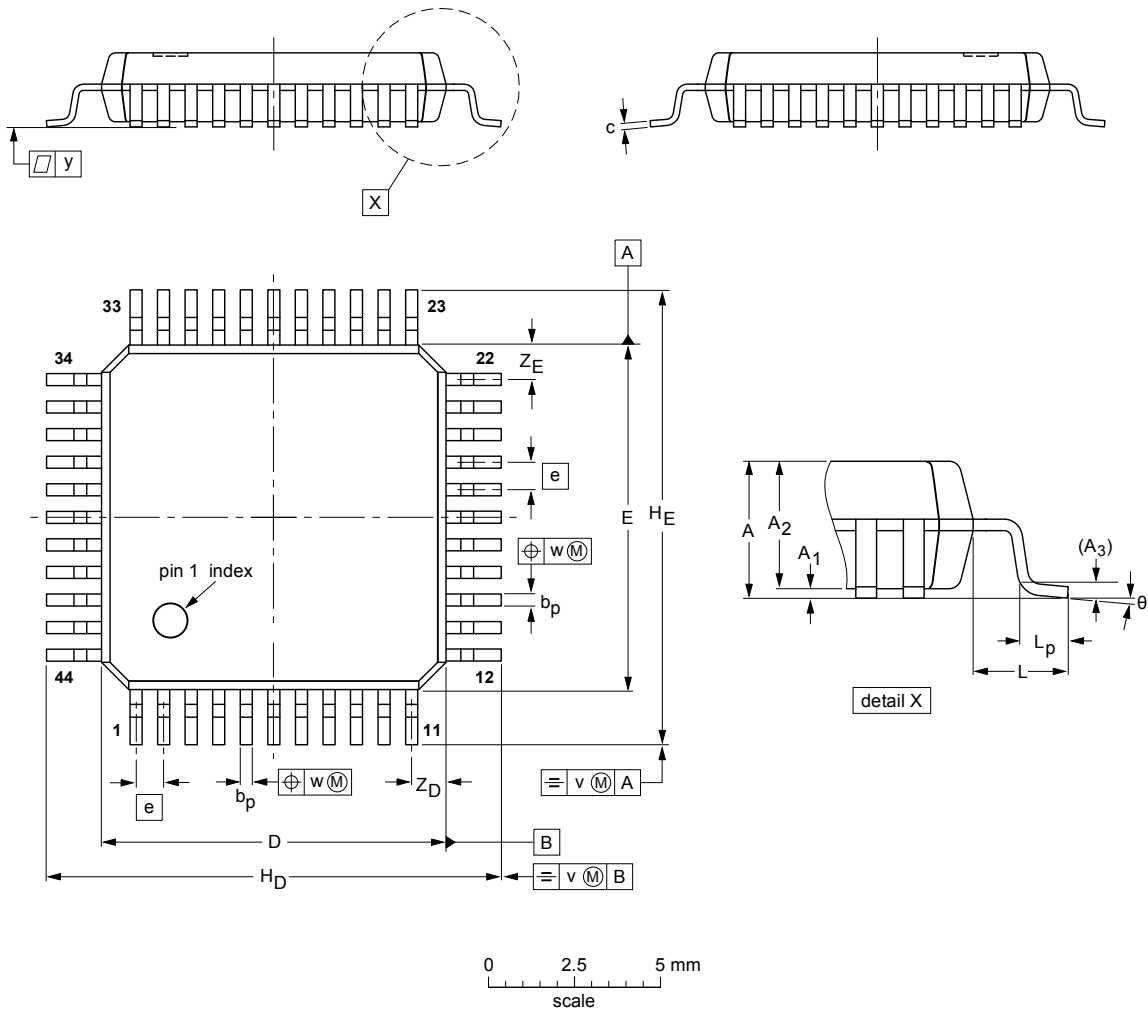


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2. Package outline

QFP44: plastic quad flat package; 44 leads (lead length 1.6 mm); body 10 x 10 x 2 mm

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DIMENSIONS (mm are the original dimensions)

UNIT	A max.	A ₁	A ₂	A ₃	b _p	c	D ⁽¹⁾	E ⁽¹⁾	e	H _D	H _E	L	L _p	v	w	y	Z _D ⁽¹⁾	Z _E ⁽¹⁾	θ
mm	2.45	0.25 0.10	2.2 1.8	0.25	0.45 0.30	0.23 0.11	10.1 9.9	10.1 9.9	0.8	13.45 12.95	13.45 12.95	1.6	1.03 0.73	0.2	0.2	0.1	1.2 0.8	1.2 0.8	7° 0°

Note

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

OUTLINE VERSION	REFERENCES				EUROPEAN PROJECTION	ISSUE DATE
	IEC	JEDEC	JEITA			
SOT803-1	134E05	MS-022	ED-7311CB			03-01-29

Fig. 1. Package outline QFP44 (SOT803-1)

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3. Soldering

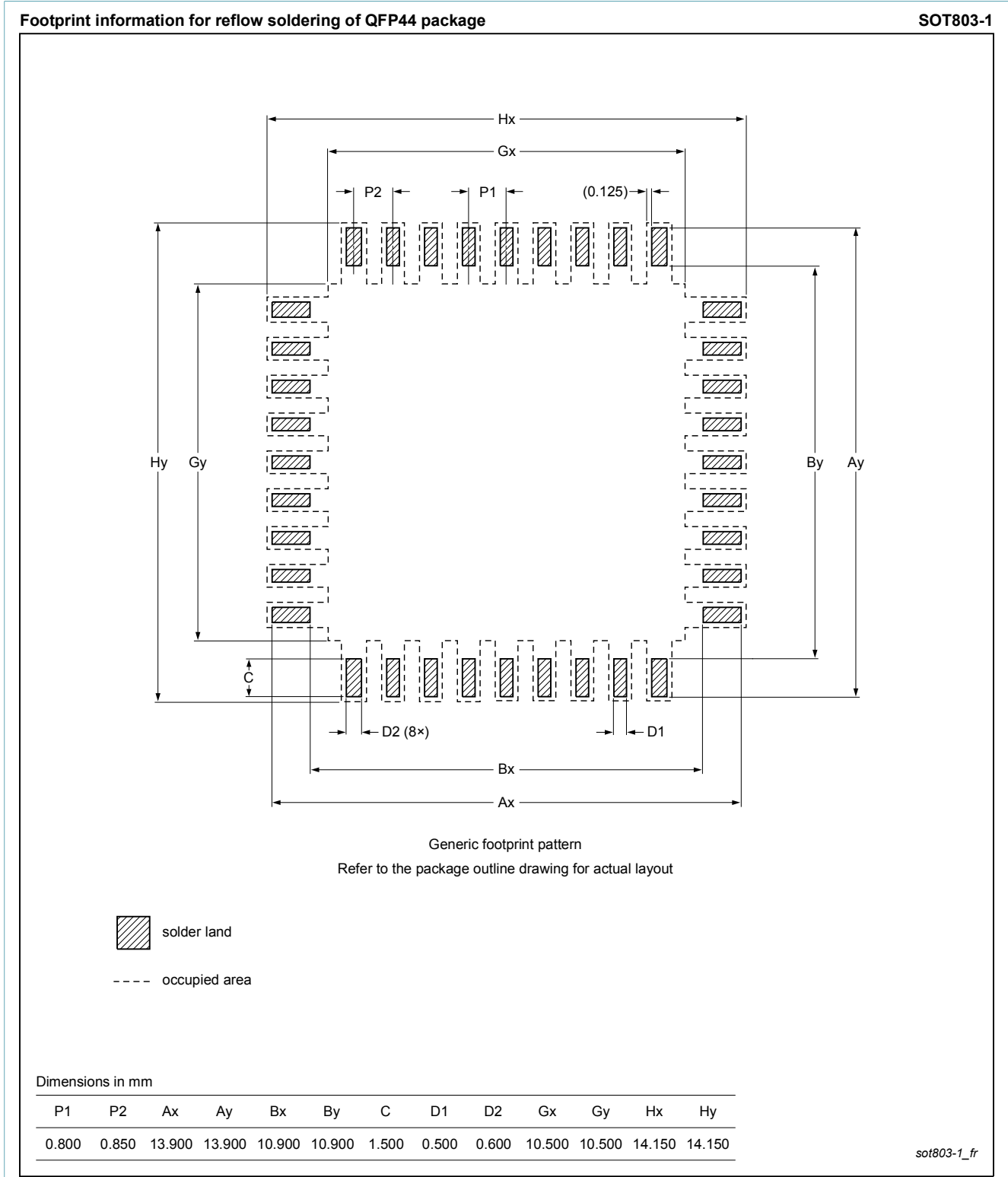


Fig. 2. Reflow soldering footprint for QFP44 (SOT803-1)

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4. Legal information

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5. Contents

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

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