

SOT853-1

plastic quad flat package; 44 leads (lead length 1.6 mm);
body 14 x 14 x 2.7 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)
Mounting method type	S (surface mount)
Issue date	20-4-2004

Table 1. Package summary

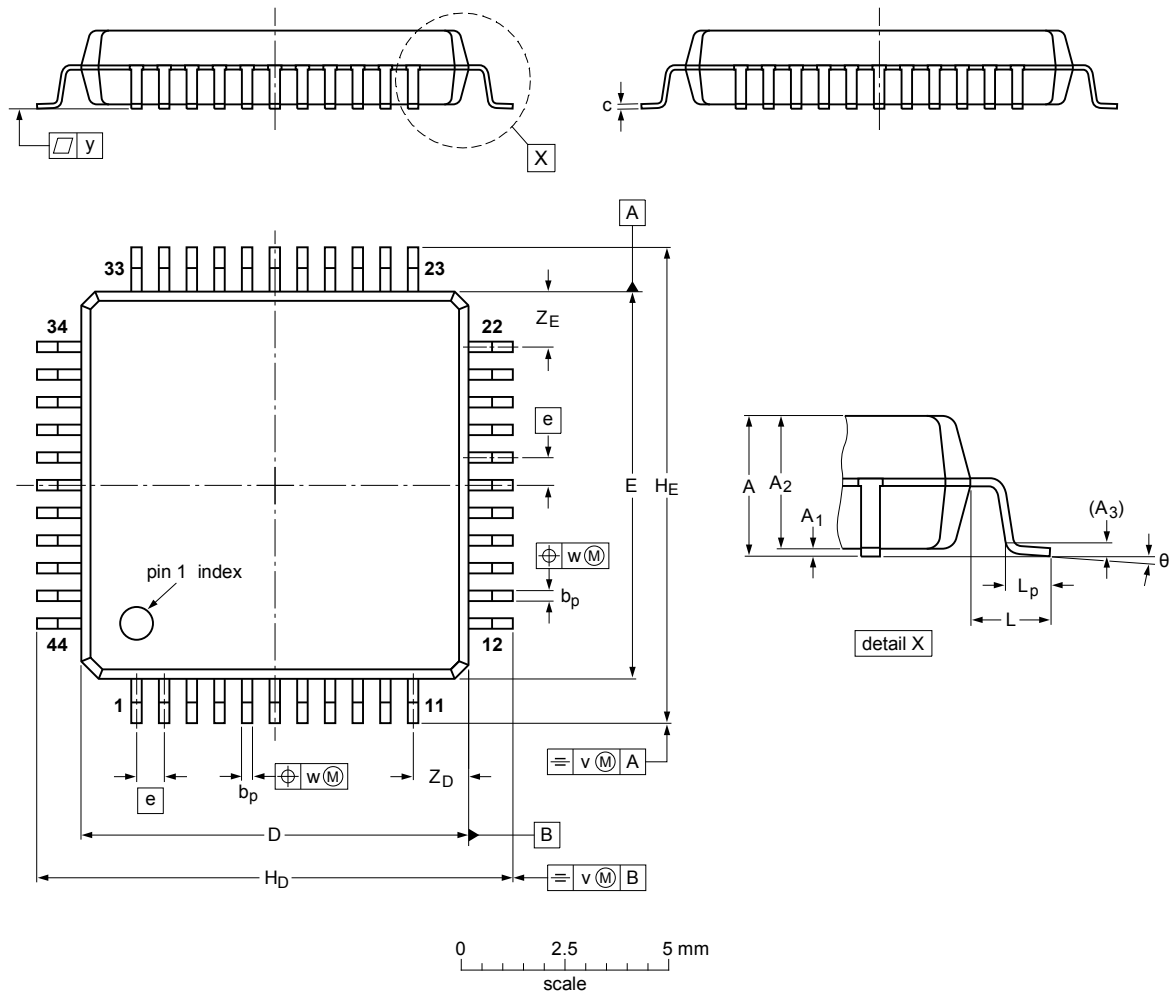
Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	13.9	-	14	14.1	mm
E	package width	13.9	-	14	14.1	mm
A	seated height	[tbd]	-	3	3	mm
A ₂	package height	2.55	-	2.7	2.75	mm
n ₂	actual quantity of termination	-	-	44	-	



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2. Package outline

QFP44: plastic quad flat package; 44 leads (lead length 1.6 mm); body 14 x 14 x 2.7 mm SOT853-1



DIMENSIONS (mm are the original dimensions)

UNIT	A _{max}	A ₁	A ₂	A ₃	b _p	c	D ⁽¹⁾	E ⁽¹⁾	e	H _D	H _E	L	L _p	v	w	y	Z _D ⁽¹⁾	Z _E ⁽¹⁾	θ
mm	3	0.25 0.10	2.75 2.55	0.25	0.45 0.30	0.23 0.13	14.1 13.9	14.1 13.9	1	17.45 16.95	17.45 16.95	1.6	1.03 0.73	0.16	0.16	0.1	2.2 1.8	2.2 1.8	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			
SOT853-1						04-04-20

Fig. 1. Package outline QFP44 (SOT853-1)

plastic quad flat package; 44 leads (lead length 1.6 mm); body 14 x 14 x 2.7 mm

3. Soldering

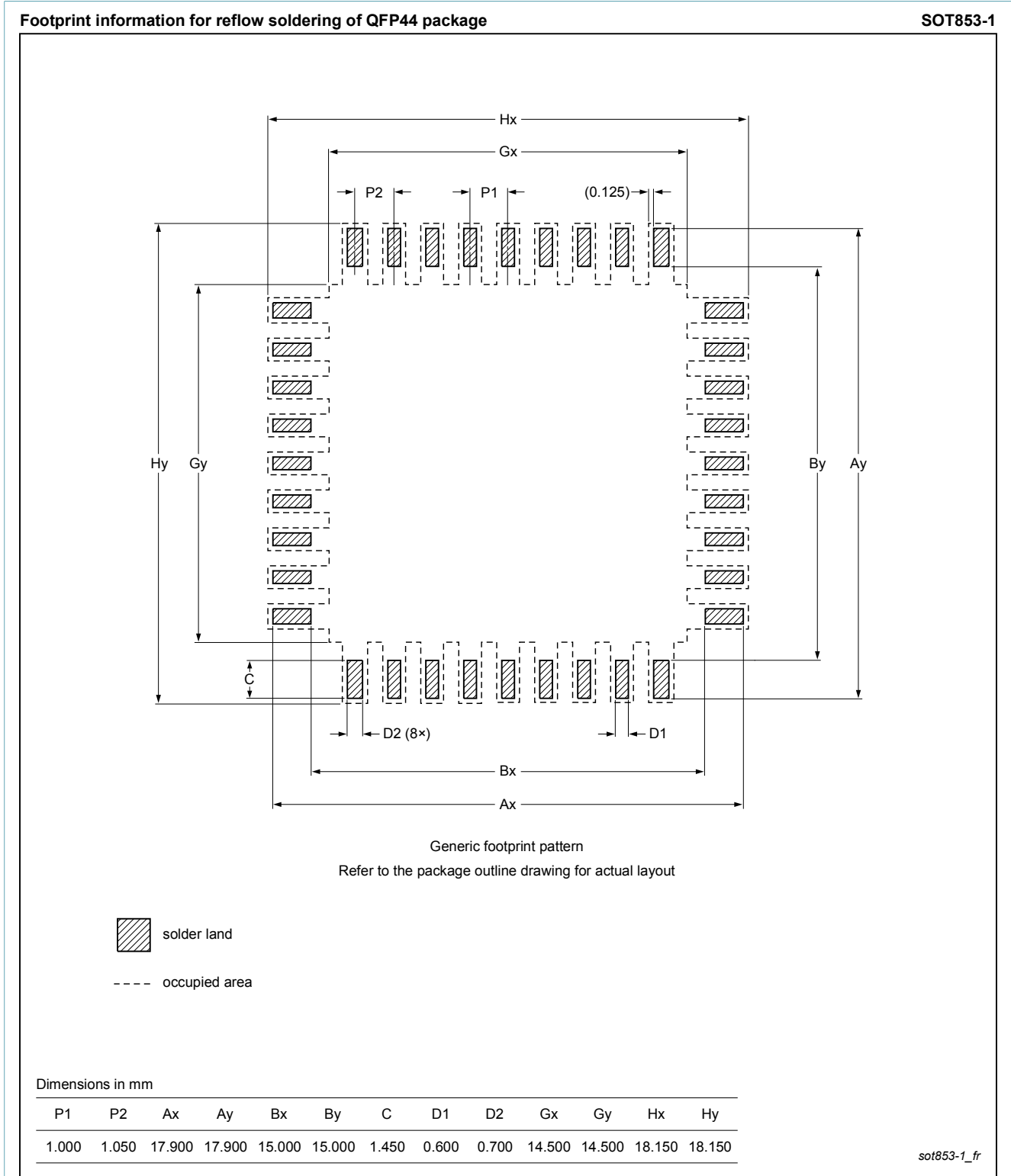


Fig. 2. Reflow soldering footprint for QFP44 (SOT853-1)

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4. Legal information

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