

SOT778-1

plastic thermal enhanced very thin quad flat package; no leads; 48 terminals; body 6 x 6 x 0.85 mm

8 February 2016

Package information

1. Package summary

Terminal position code	Q (quad)
Package type descriptive code	HVQFN48
Package type industry code	HVQFN48
Package style descriptive code	HVQFN (thermal enhanced very thin quad flatpack; no leads)
Package style suffix code	NA (not applicable)
Package body material type	P (plastic)
Mounting method type	S (surface mount)
Issue date	10-2-2004

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	5.9	-	6	6.1	mm
E	package width	5.9	-	6	6.1	mm
A	seated height	[tbd]	-	0.85	1	mm
A ₂	package height	[tbd]	-	0.85	[tbd]	mm
n ₂	actual quantity of termination	-	-	48	-	

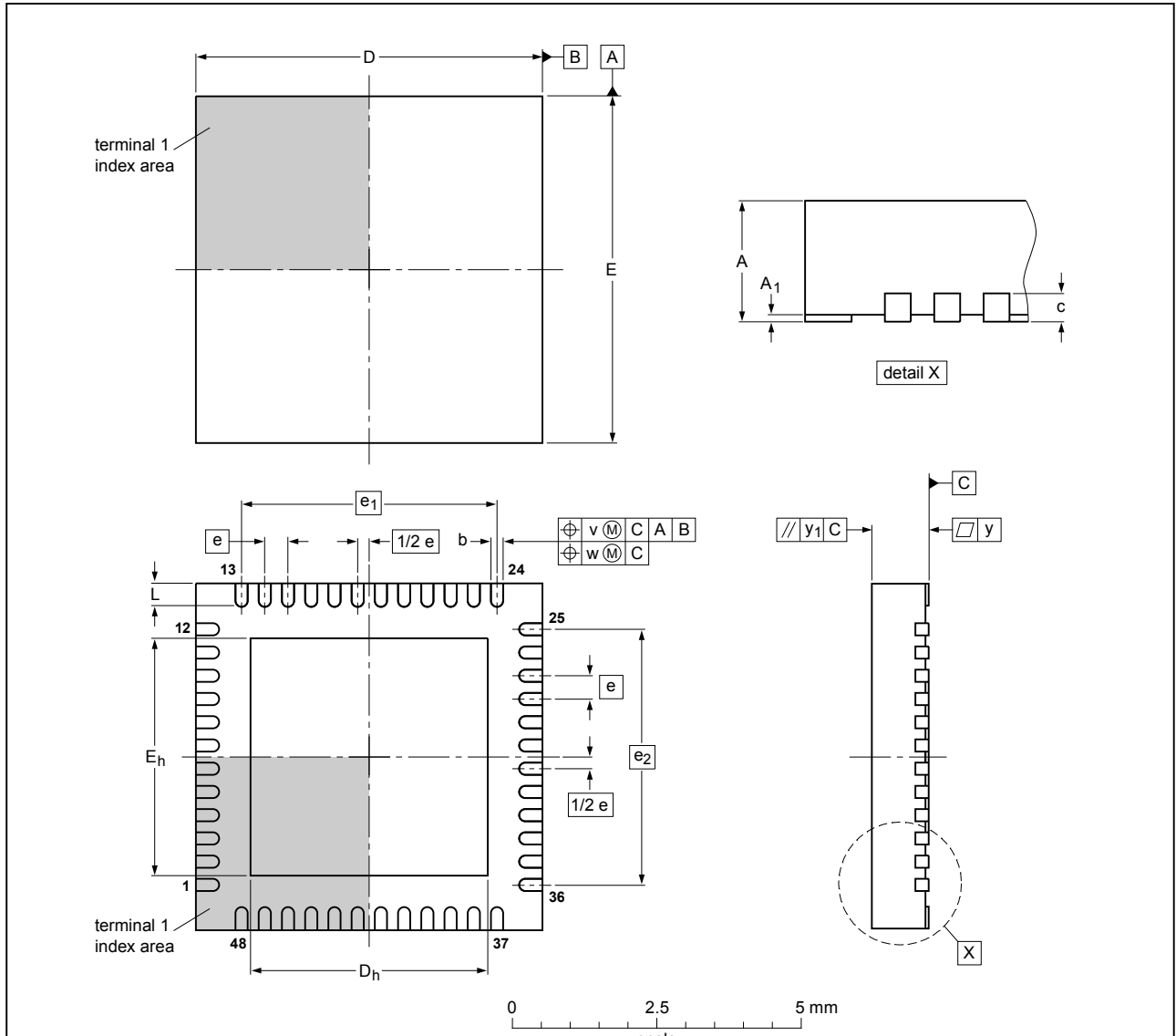


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2. Package outline

HVQFN48: plastic thermal enhanced very thin quad flat package; no leads; 48 terminals; body 6 x 6 x 0.85 mm

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DIMENSIONS (mm are the original dimensions)

UNIT	A ⁽¹⁾ max	A ₁	b	c	D ⁽¹⁾	D _h	E ⁽¹⁾	E _h	e	e ₁	e ₂	L	v	w	y	y ₁
mm	1	0.05 0.00	0.25 0.15	0.2	6.1 5.9	4.25 3.95	6.1 5.9	4.25 3.95	0.4	4.4	4.4	0.5 0.3	0.1	0.05	0.05	0.1

Note

1. Plastic or metal protrusions of 0.075 mm maximum per side are not included

OUTLINE VERSION	REFERENCES				EUROPEAN PROJECTION	ISSUE DATE
	IEC	JEDEC	JEITA			
SOT778-1	---	---	---			-02-07-05- 04-02-10

Fig. 1. Package outline HVQFN48 (SOT778-1)

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3. Soldering

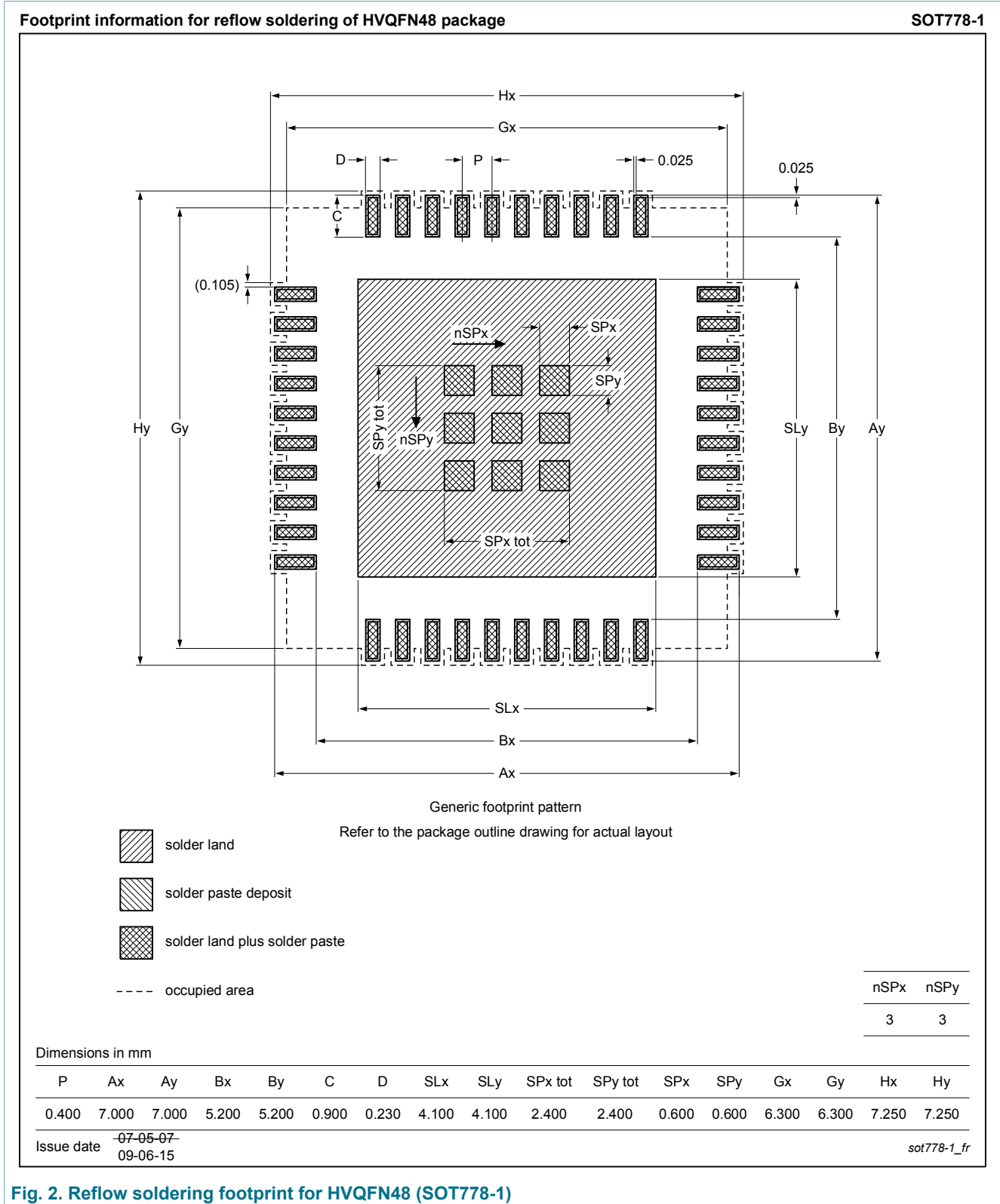


Fig. 2. Reflow soldering footprint for HVQFN48 (SOT778-1)

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4. Legal information

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For sales office addresses, please send an email to: salesaddresses@nxp.com
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