

1. Package summary

Terminal position code Q (quad)

Package type descriptive code HVQFN48

Package outline version code SOT778-4

Manufacturer package code SOT778

Package type industry code HVQFN

Package outline version description plastic thermal enhanced very thin quad flat

package; no leads; 48 terminals; body 6 x 6 x

0.85 mm

Package style descriptive code HVQFN (thermal enhanced very thin quad

flatpack; no leads)

Package body material type

Handling precautions IC26_CHAPTER_3_2000
Thermal design considerations IC26_CHAPTER_6_2000

Mounting method type S (surface mount)

Specific mounting and soldering information HVQFN_mounting.pdf

Generic mounting and soldering informationAN10365Major version date9-10-2008Minor version date14-5-2012

Security status COMPANY PUBLIC

Modified date14-5-2012Issue date12-7-2016Web publication date28-11-2012Initial web publication date18-1-2011

Customer specific indicator N

Maturity Product

Table 1. Package summary

Symbol	Parameter	Min	Тур	Nom	Max	Unit
A ₂	package height	-	-	0.85	-	mm
Α	seated height	-	-	0.85	1	mm
D	package length	5.9	-	6	6.1	mm
E	package width	5.9	-	6	6.1	mm
е	nominal pitch	-	-	0.4	-	mm
n ₂	actual quantity of termination	-	-	48	-	



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

2. Package outline

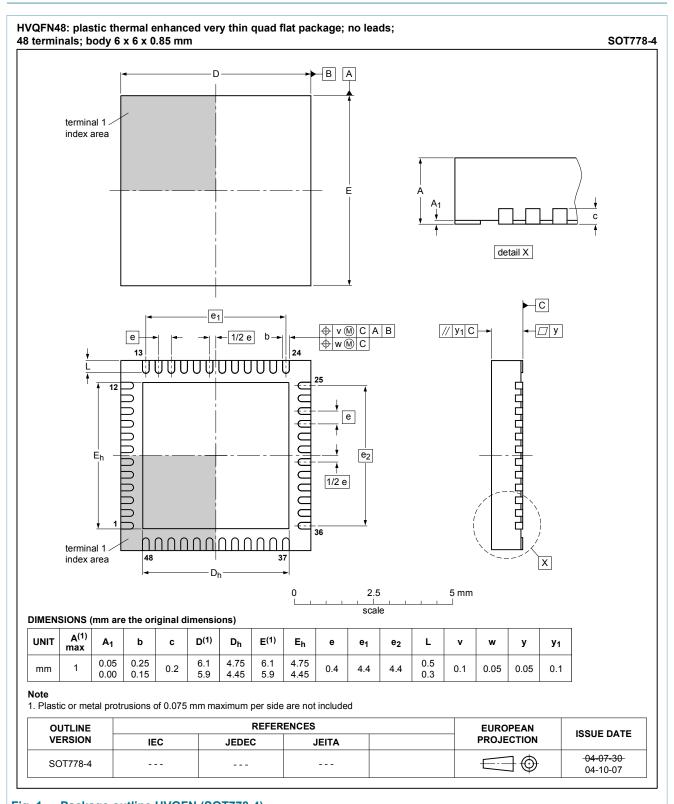
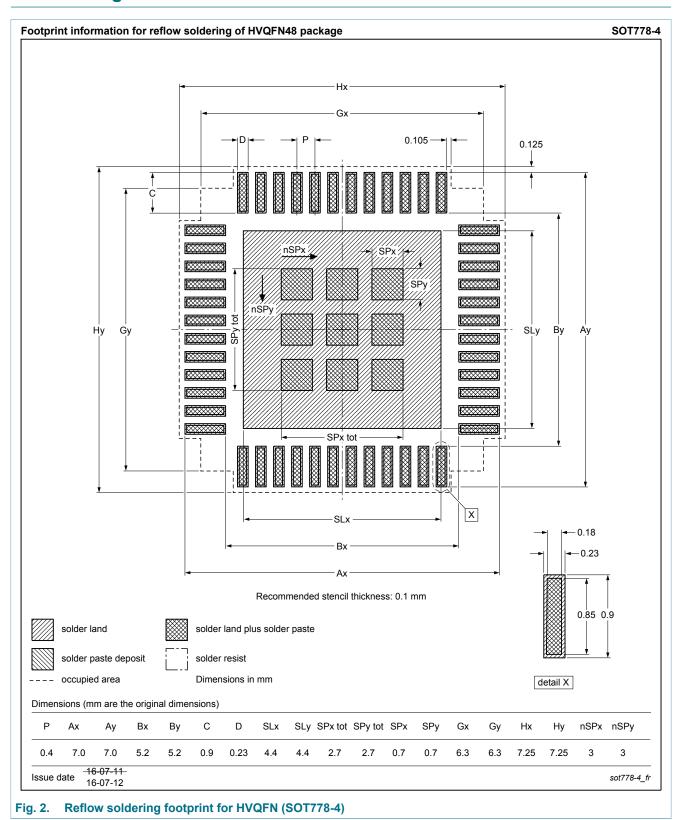


Fig. 1. Package outline HVQFN (SOT778-4)

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

3. Soldering



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

4. Legal information

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

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