

HVQFN56, plastic thermal enhanced very thin quad flat package; no leads; 56 terminals; body 8 mm x 8 mm x 0.85 mm

13 October 2017

Package information

1. Package summary

Terminal position code Q (quad)

Package type descriptive code HVQFN56

Package type industry code HVQFN56

Package style descriptive code HVQFN (thermal enhanced very thin quad

flatpack; no leads)

Package body material type P (plastic)

Mounting method type S (surface mount)

Issue date13-7-2015Manufacturer package codeSOT684-13

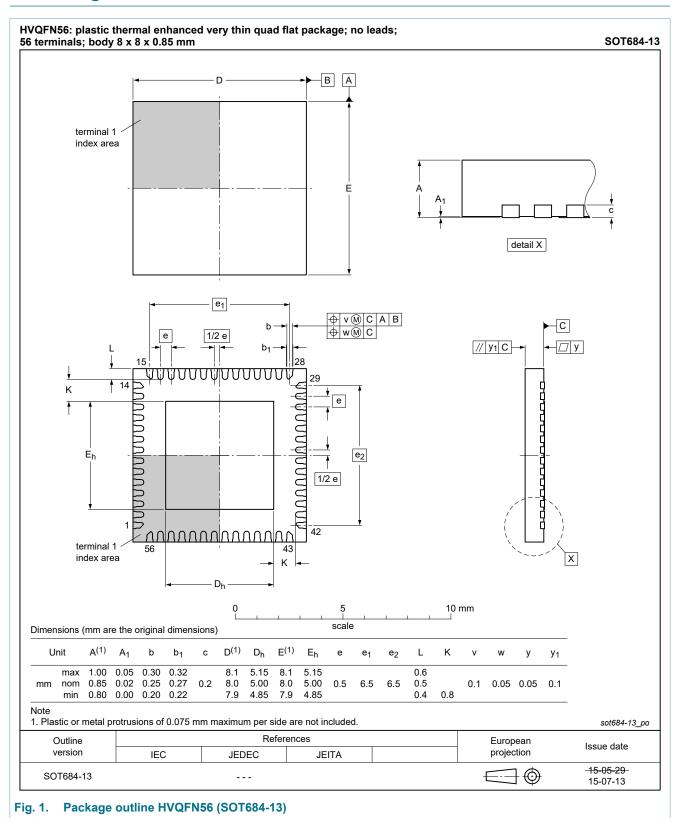
Table 1. Package summary

Symbol	Parameter	Min	Тур	Nom	Max	Unit
D	package length	7.9	-	8	8.1	mm
E	package width	7.9	_	8	8.1	mm
Α	seated height	0.8	-	0.85	1	mm
е	nominal pitch	-	_	0.5	_	mm
n ₂	actual quantity of termination	-	-	56	-	A/A



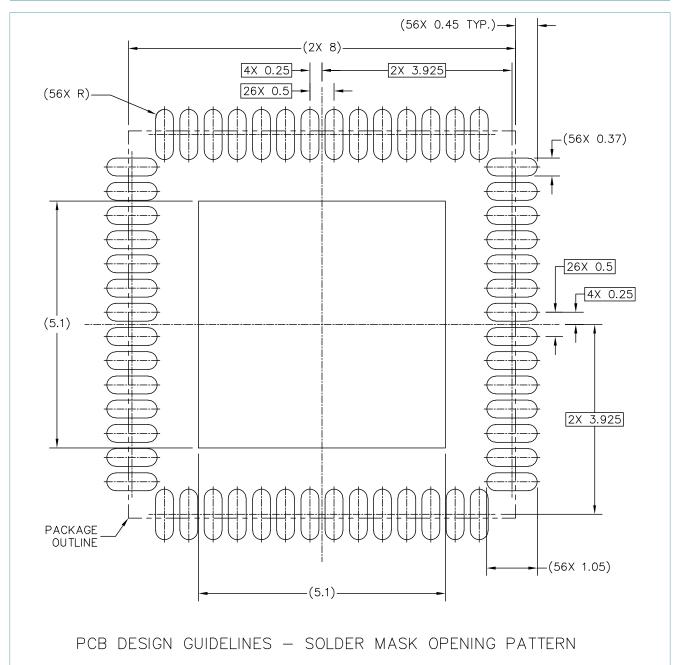
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2. Package outline



HVQFN56, plastic thermal enhanced very thin quad flat package; no leads; 56 terminals; body 8 mm x 8 mm x 0.85 mm

3. Soldering

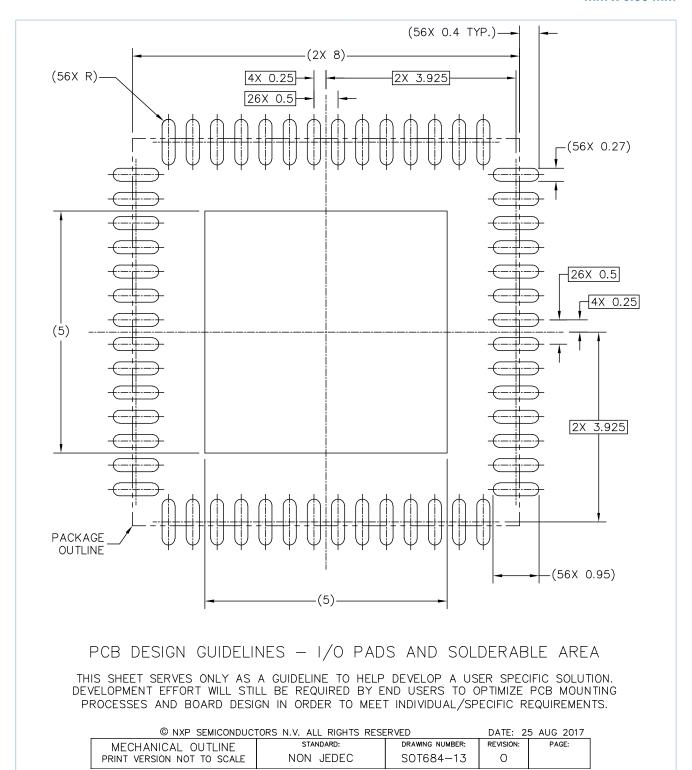


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Fig. 2. Reflow soldering footprint for HVQFN56 (SOT684-13)

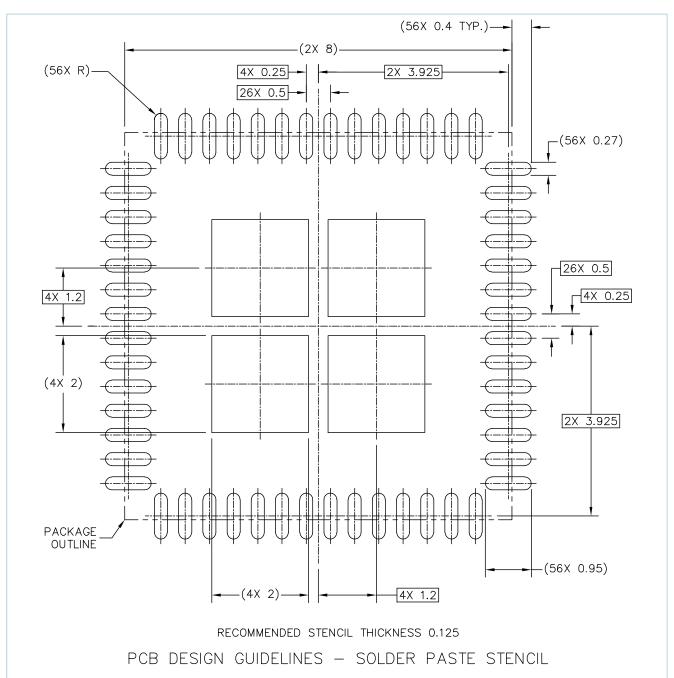
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Reflow soldering footprint part 2 for HVQFN56 (SOT684-13)

Fig. 3.

HVQFN56, plastic thermal enhanced very thin quad flat package; no leads; 56 terminals; body 8 mm x 8 mm x 0.85 mm



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Fig. 4. Reflow soldering footprint part 3 for HVQFN56 (SOT684-13)

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