

HLQFN16; plastic, thermal enhanced low profile quad flat non-leaded package, dimple wettable flank; 16 terminals; 0.8 mm pitch; 4 mm x 4 mm x 1.45 mm body

9 December 2020

Package information

1 Package summary

Terminal position code	Q (quad)
Package type descriptive code	HLQFN16
Package type industry code	HLQFN16
Package style descriptive code	HLQFN (thermal enhanced low profile quad flatpack; no leads)
Package body material type	P (plastic)
Mounting method type	S (surface mount)
Issue date	11-09-2019
Manufacturer package code	98ASA01254D

Table 1. Package summary

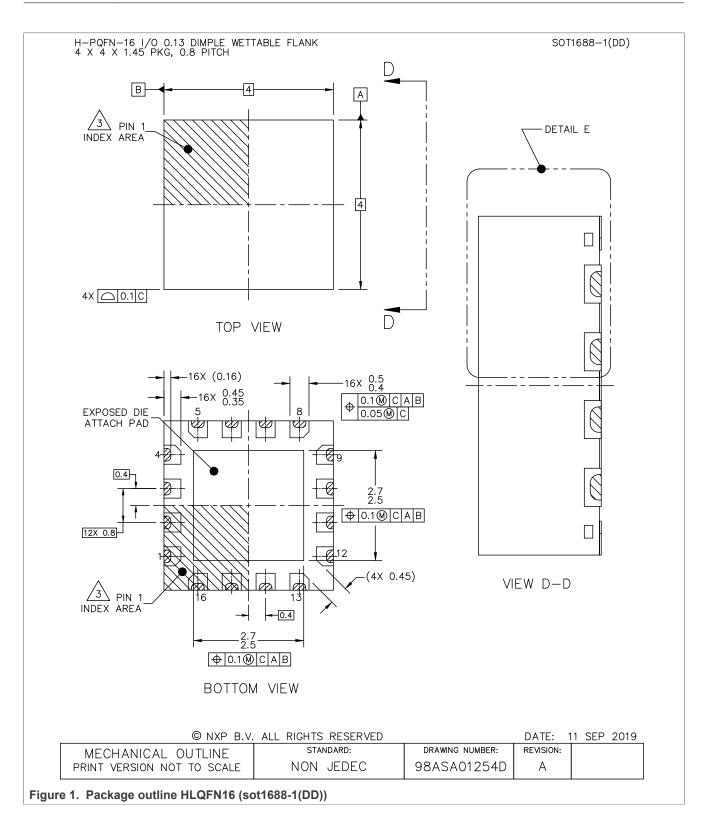
Parameter	Min	Nom	Мах	Unit
package length	3.9	4	4.1	mm
package width	3.9	4	4.1	mm
seated height	1.4	1.45	1.5	mm
nominal pitch	-	0.8	-	mm
actual quantity of termination	-	16	-	



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2 Package outline

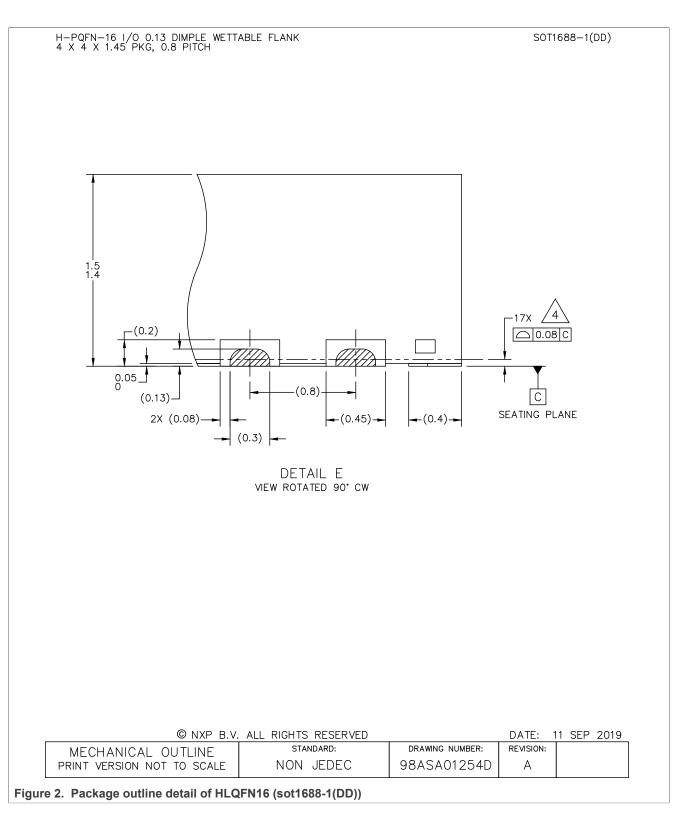


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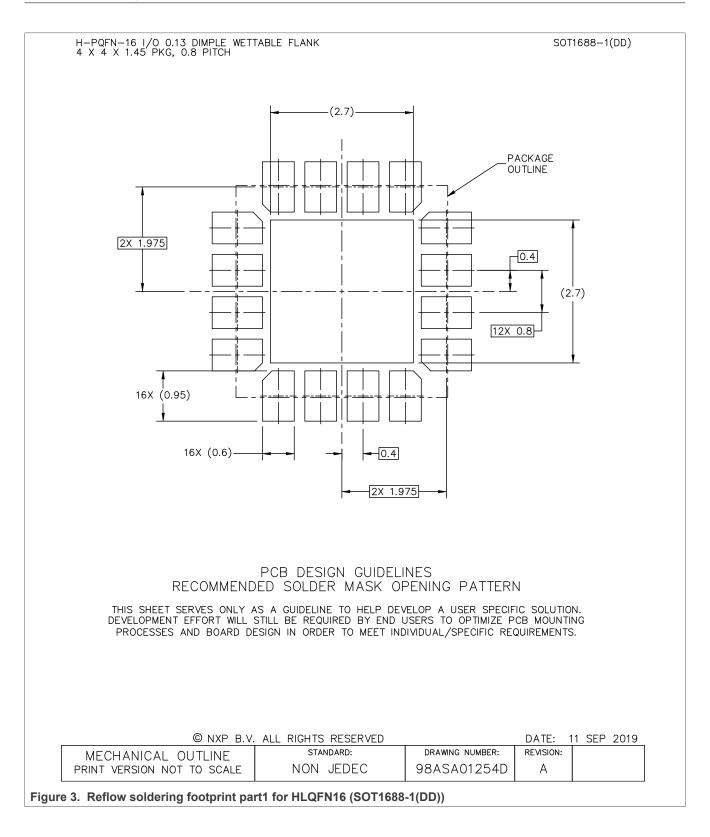
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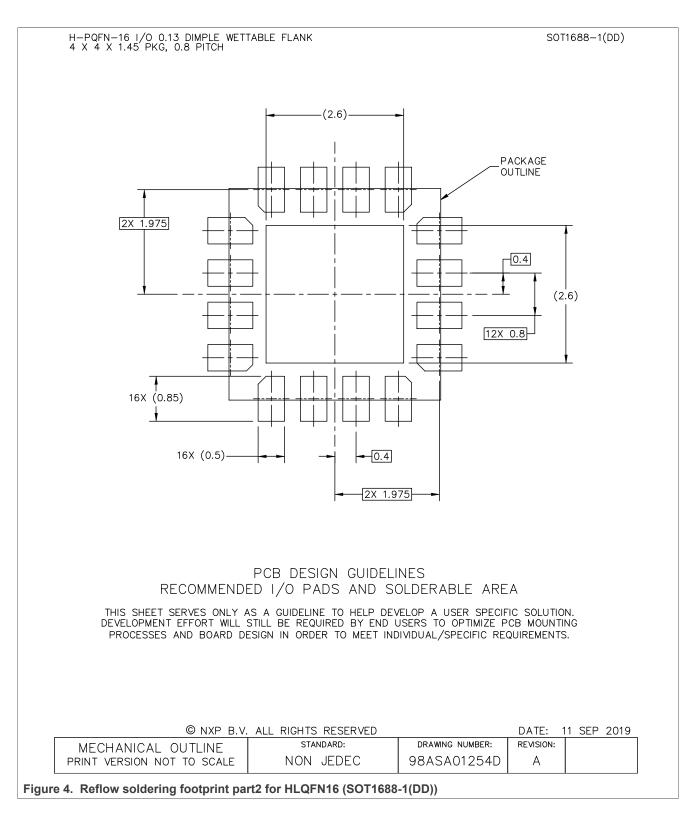
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3 Soldering



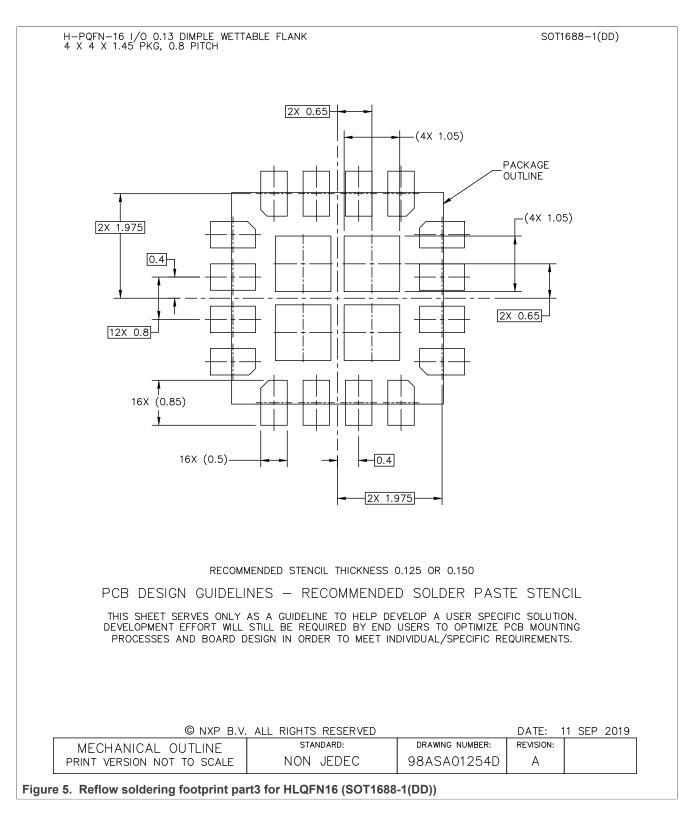
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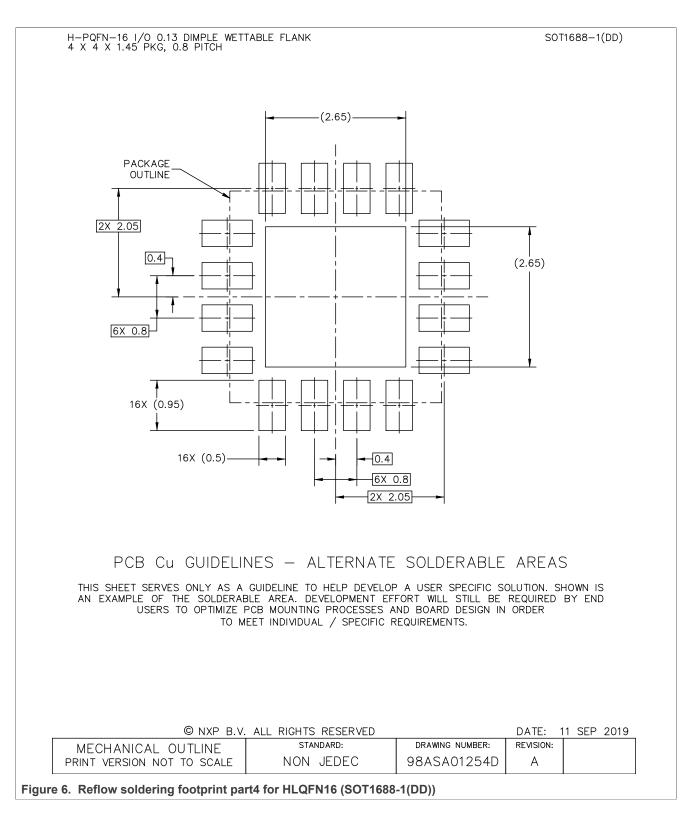
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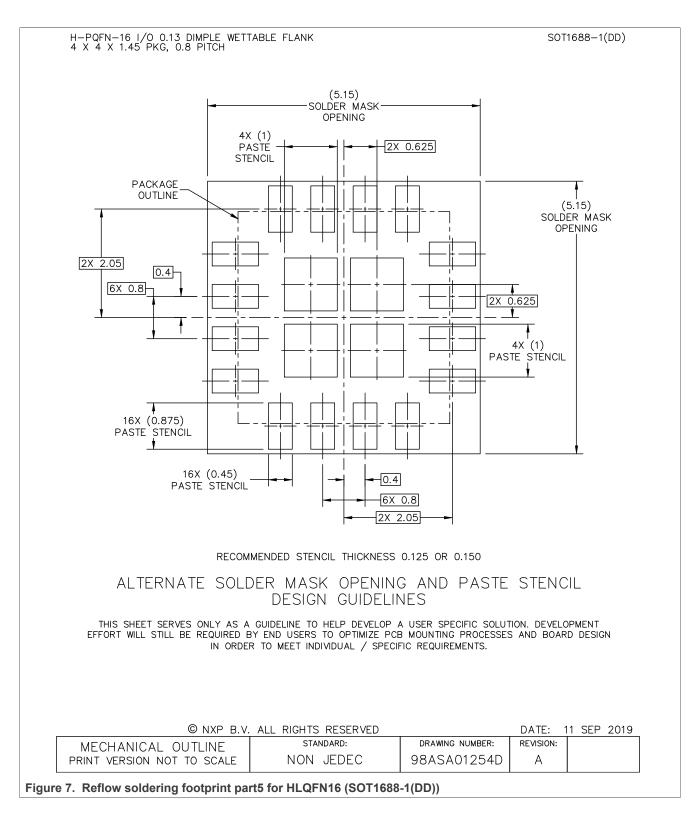
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	H-PQFN-16 I/O 0.13 DIMPLE WETT 4 X 4 X 1.45 PKG, 0.8 PITCH	ABLE FLANK		SOT1	688–1(DD)
	NOTES:				
	1. ALL DIMENSIONS ARE IN	MILLIMETERS			
		RANCING PER ASME Y14.5M-1	994		
	\wedge				
	$\overline{3.}$ PIN 1 FEATURE SHAPE, SIZE AND LOCATION MAY VARY. $\overline{4.}$ COPLANARITY APPLIES TO LEADS, DIE ATTACH FLAG.				
	5. MIN. METAL GAP SHOULD				
		AND SOLDER PASTED AREA A	RE IN SHEET 3 TO 5.		
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	PRINT VERSION NOT TO SCALE	NON JEDEC	98ASA01254D	А	
Figure	8. Package outline note HLQFN	16 (sot1688-1(DD))		1	
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