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SOT758-6(DD)

HVQFN16, thermal enhanced very thin quad flat package, no leads, 16 terminals, 0.125 mm dimple wettable flank, 0.5 mm pitch, 3 mm x 3 mm x 0.85 mm body

25 November 2020

Package information

Package summary

Terminal position code Q (quad)

Package type descriptive code HVQFN16

Package type industry code HVQFN16

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)

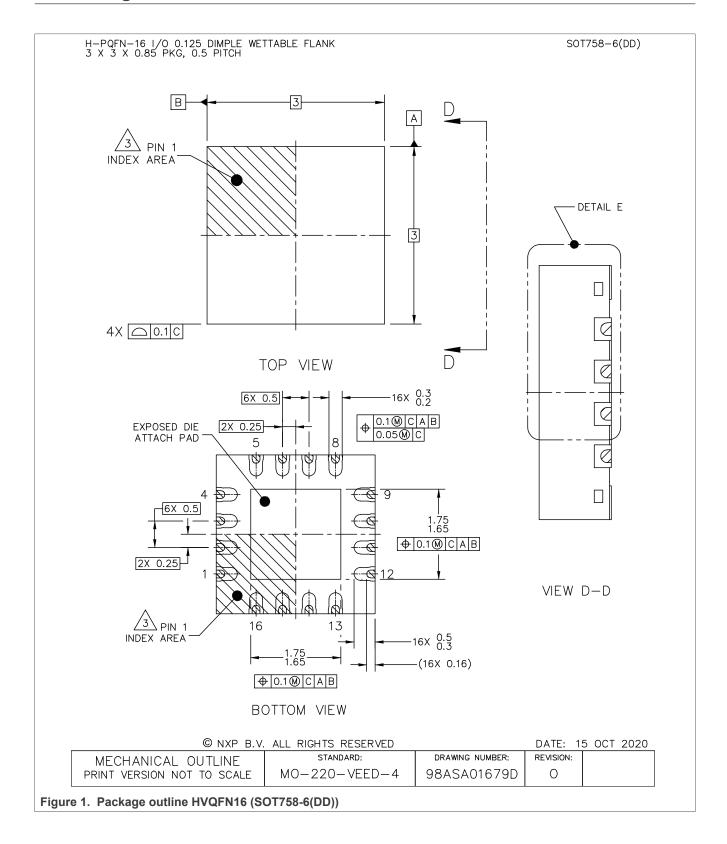
Issue date15-10-2020Manufacturer package code98ASA01679D

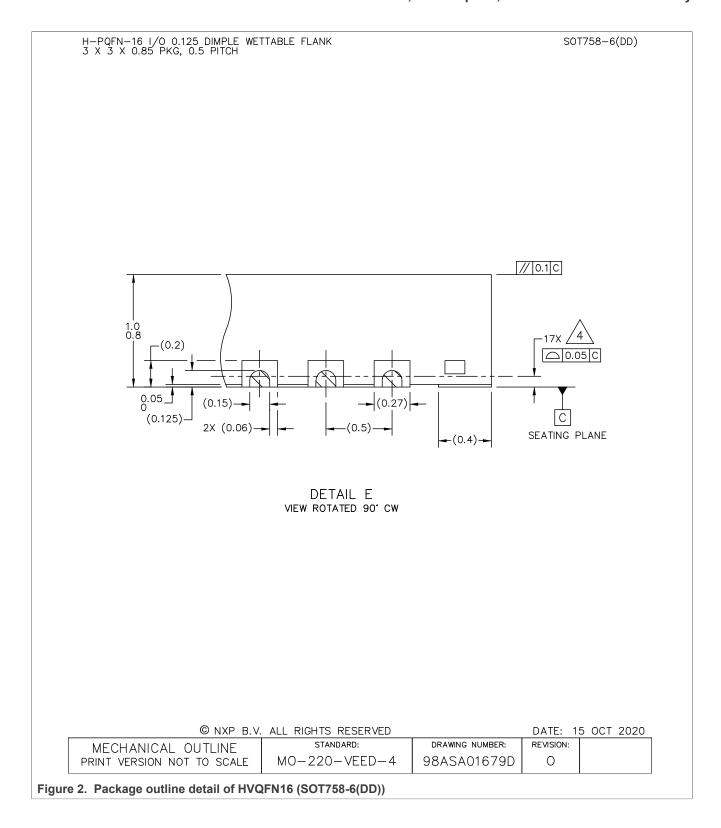
Table 1. Package summary

Parameter	Min	Nom	Max	Unit
package length	2.9	3	3.1	mm
package width	2.9	3	3.1	mm
package height	0.8	0.85	1	mm
nominal pitch	-	0.5	-	mm
actual quantity of termination	-	16	-	



2 Package outline





Soldering 3

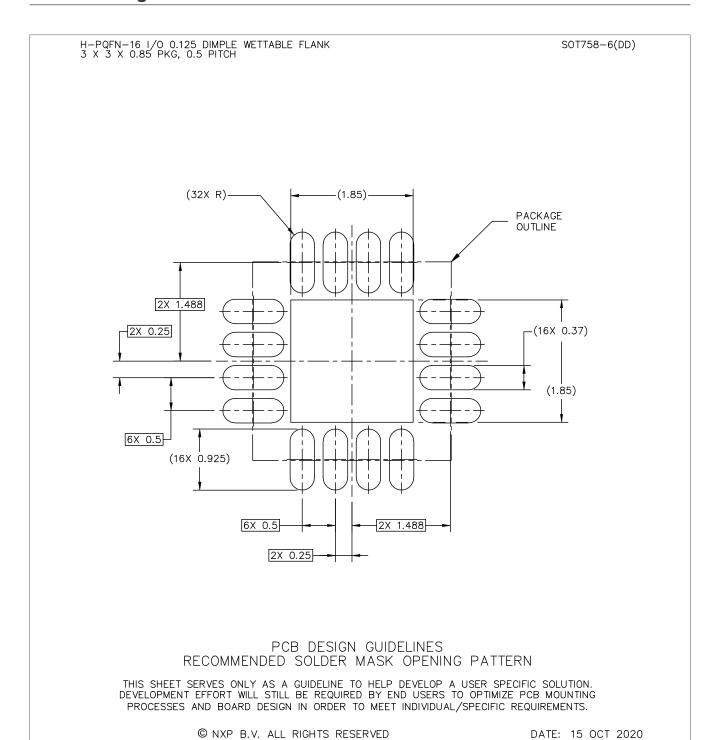


Figure 3. Reflow soldering footprint part1 for HVQFN16 (SOT758-6(DD))							
	PRINT VERSION NOT TO SCALE	MO-220-VEED-4	98ASA01679D	0			

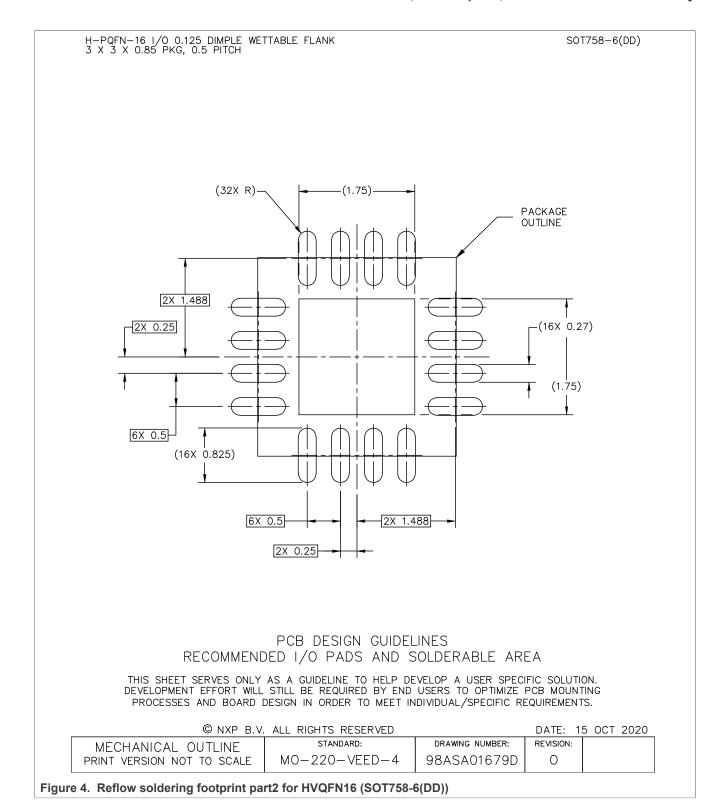
STANDARD:

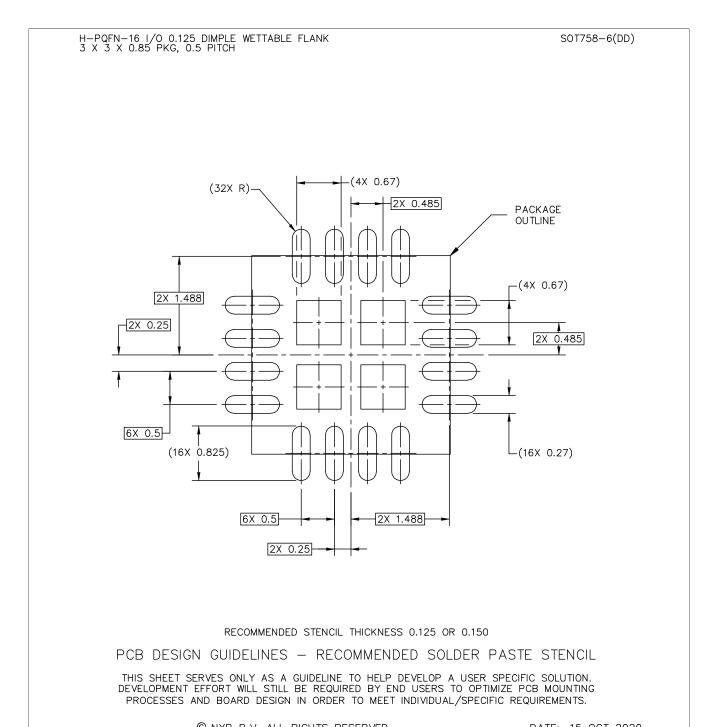
MECHANICAL OUTLINE

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Figure 5. Reflow soldering footprint part3 for HVQFN16 (SOT758-6(DD))

H-PQFN-16 I/O 0.125 DIMPLE WETTABLE FLANK 3 X 3 X 0.85 PKG, 0.5 PITCH SOT758-6(DD) NOTES: 1. ALL DIMENSIONS ARE IN MILLIMETERS. 2. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994. 3. PIN 1 FEATURE SHAPE, SIZE AND LOCATION MAY VARY. 4. COPLANARITY APPLIES TO LEADS, DIE ATTACH FLAG. 5. MIN. METAL GAP FOR LEAD TO EXPOSED PAD SHALL BE 0.15 MM.

Figure 6.	Package	outline	note	HVQFN16	(SOT758-6(DD))
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MECHANICAL OUTLINE

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DATE: 15 OCT 2020

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