

SOT866-1

plastic thermal enhanced very thin quad flat package; no leads; 32 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	HVQFN32
Package type industry code	HVQFN32
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)
JEDEC package outline code	MO-220
Mounting method type	S (surface mount)
Issue date	20-9-2004

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	-	-	32	-	

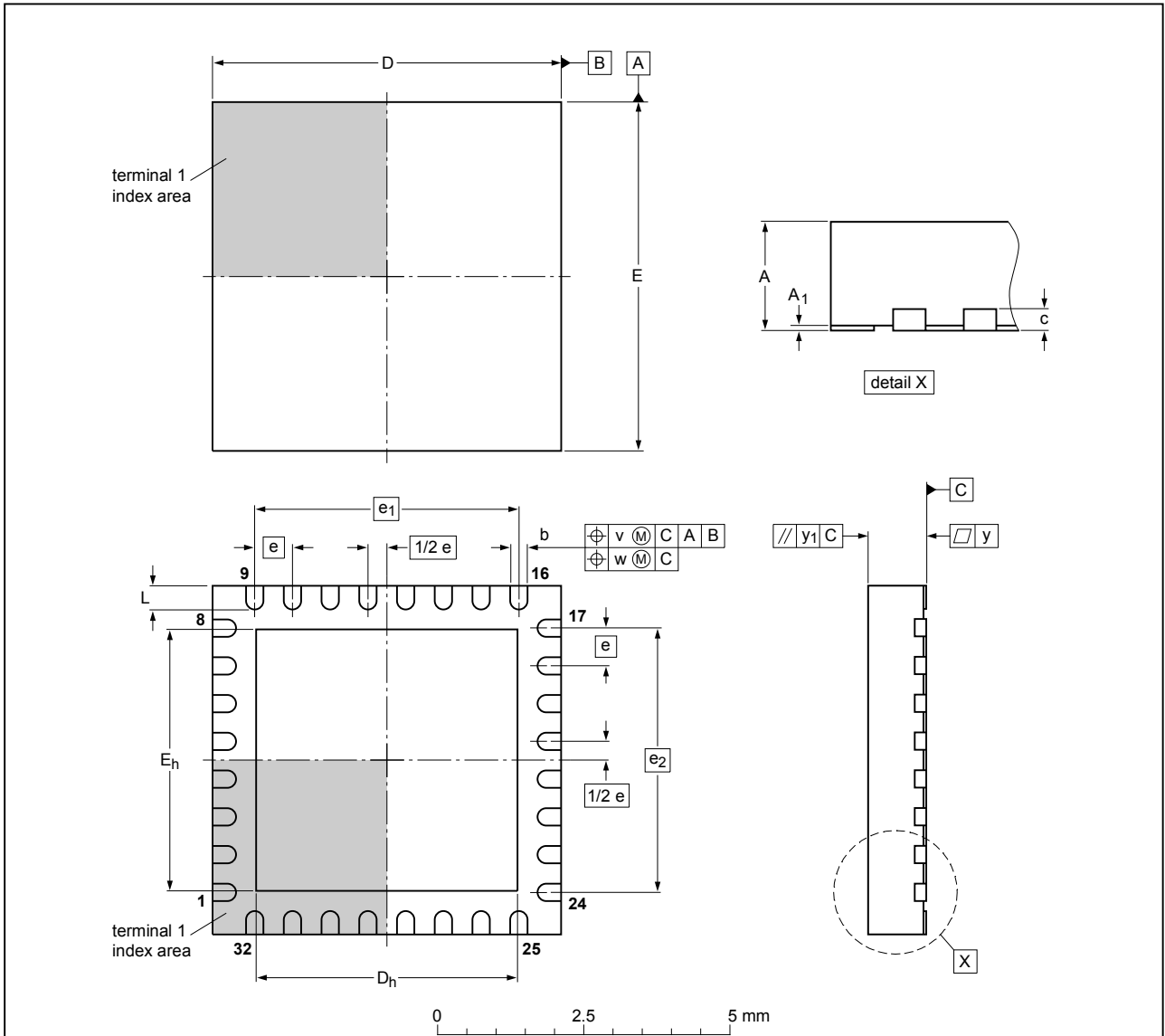


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2. Package outline

HVQFN32: plastic thermal enhanced very thin quad flat package; no leads; 32 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	0.35 0.25	0.2	6.1 5.9	4.6 4.4	6.1 5.9	4.6 4.4	0.65	4.55	4.55	0.5 0.3	0.1	0.1	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		
SOT866-1	---	MO-220	---		04-08-24 04-09-20

Fig. 1. Package outline HVQFN32 (SOT866-1)

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3. Legal information

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