



SOT8091-1

very thin quad flatpack; no leads

25 April 2024

Package information

1. Package summary

Footprint area (mm²)	33.22
Footprint dimensions (mm)	6.85 x 4.85
Dimensions (mm)	6 x 4 x 0.95
Terminal position code	B (bottom)
Package type descriptive code	VQFN7
Package outline version code	SOT8091-1
Manufacturer package code	SOT8091
Package type industry code	VQFN7
Package outline version description	very thin quad flatpack; no leads
Package style descriptive code	VQFN (very thin quad flatpack; no leads)
Package body material type	X
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Package life cycle status	REL
Security status	COMPANY PUBLIC
Issue date	19-2-2024
Customer specific indicator	N
Maturity	Product
Package dimensions including leads (l x w) (mm)	6 x 4
Package area (mm²)	24

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
A	seated height	0.75	-	0.85	0.95	mm
D	package length	5.9	-	6	6.1	mm
E	package width	3.9	-	4	4.1	mm
e ₁	minimal pitch	-	-	1.07	-	mm
n ₂	actual quantity of termination	-	-	7	-	

2. Package outline

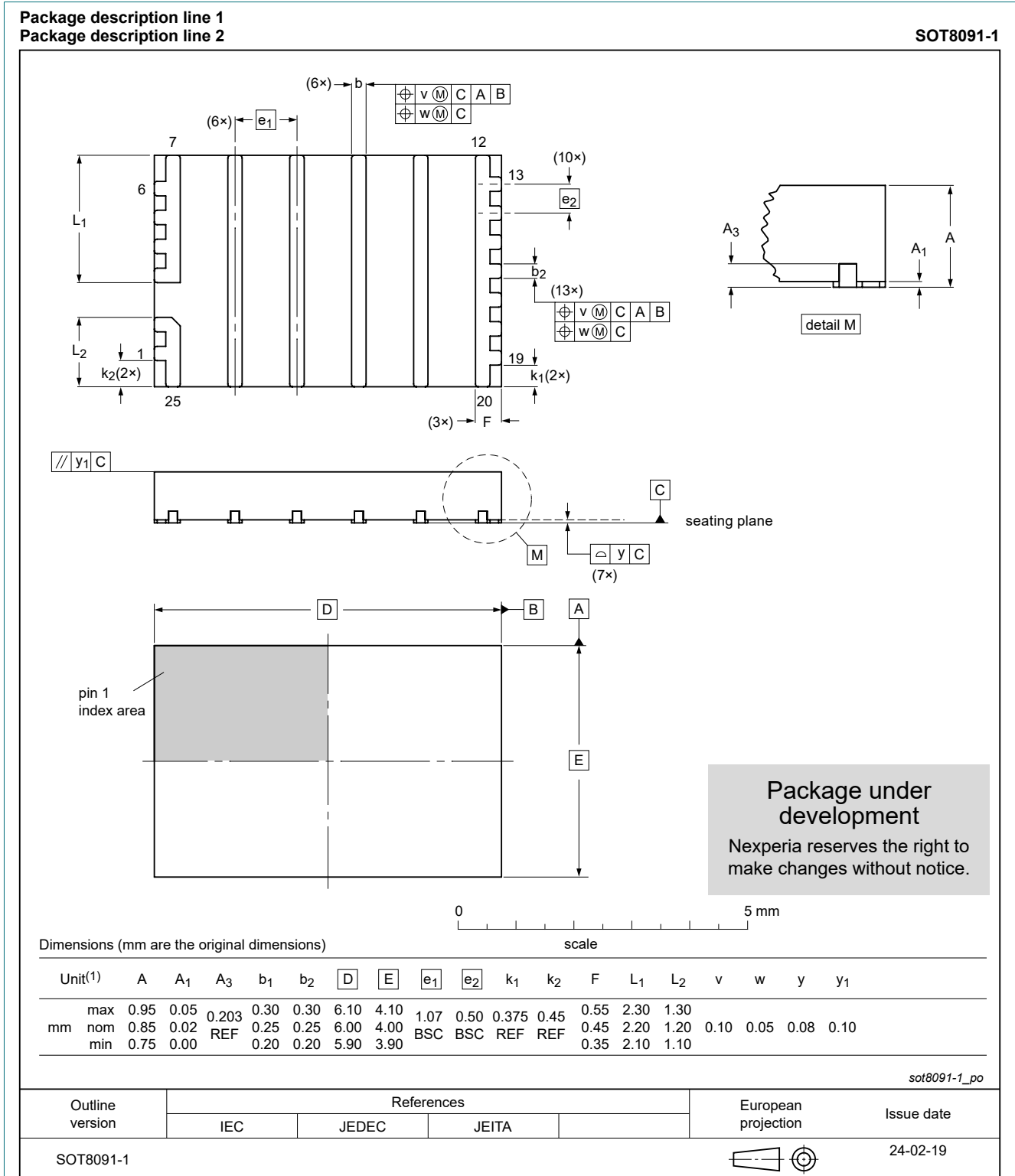


Fig. 1. Package outline VQFN7 (SOT8091-1)

3. Soldering

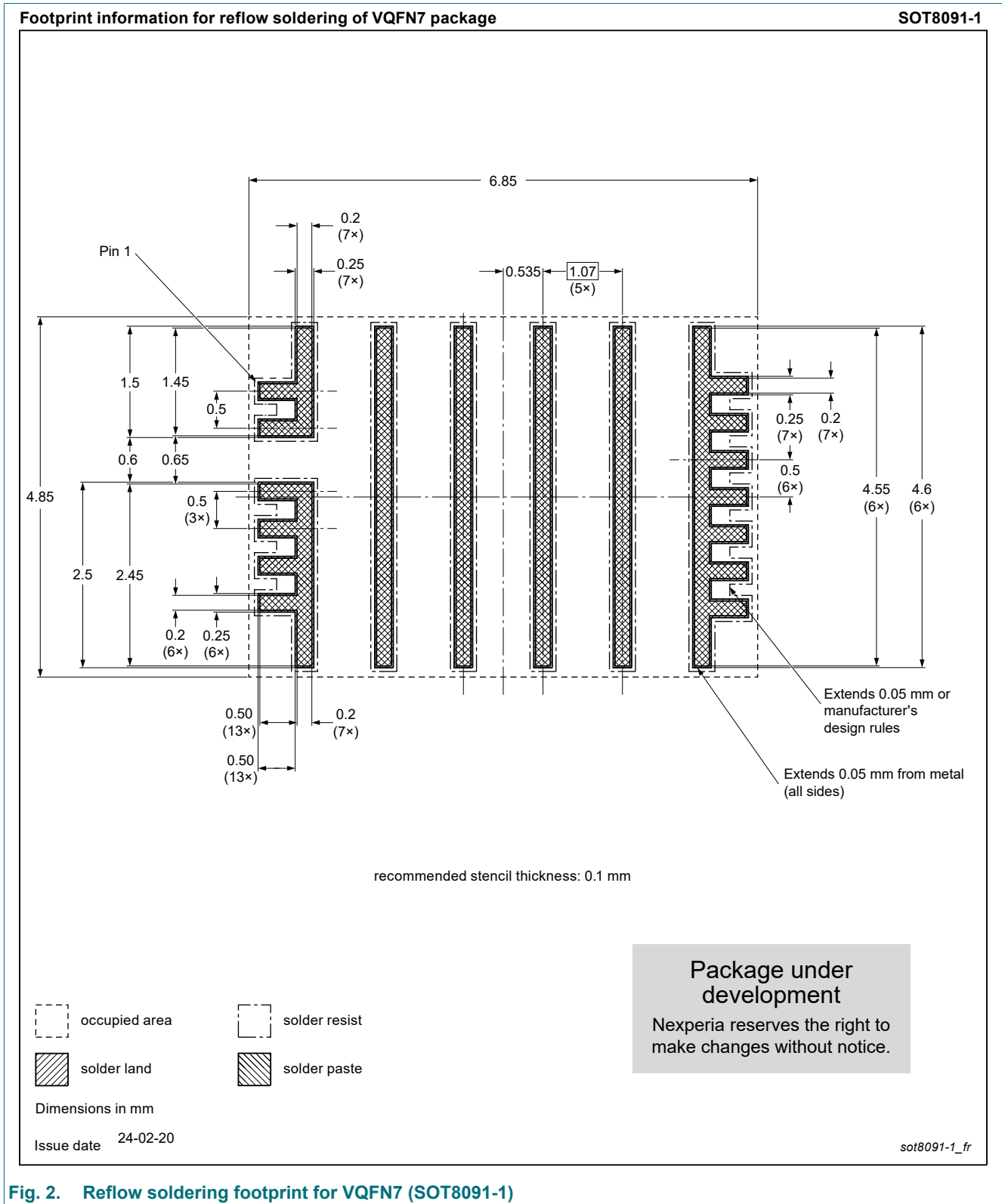


Fig. 2. Reflow soldering footprint for VQFN7 (SOT8091-1)

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