



SOT8041-1

plastic thermal enhanced very very thin Quad Flat packages,
no leads; 24 terminals; 0.5 mm pitch; 4 x 4 x 0.75 mm body

23 April 2024

Package information

1. Package summary

Terminal position code	B (bottom)
Package type descriptive code	HWQFN24
Package type industry code	HWQFN24
Package style descriptive code	HWQFN (thermal enhanced very very thin quad flatpack; no leads)
Package body material type	P (plastic)
JEDEC package outline code	MO-220 (WGGD-8)
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Issue date	25-4-2022
Manufacturer package code	SOT8041
Footprint dimensions (mm)	4.65 x 4.65
Footprint area (mm²)	21.62
Package dimensions including leads (l x w) (mm)	4 x 4
Package area (mm²)	16

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	-	-	4	-	mm
E	package width	-	-	4	-	mm
A	seated height	0.7	-	0.75	0.8	mm
e	nominal pitch	-	-	0.5	-	mm
n ₂	actual quantity of termination	-	-	24	-	

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2. Package outline

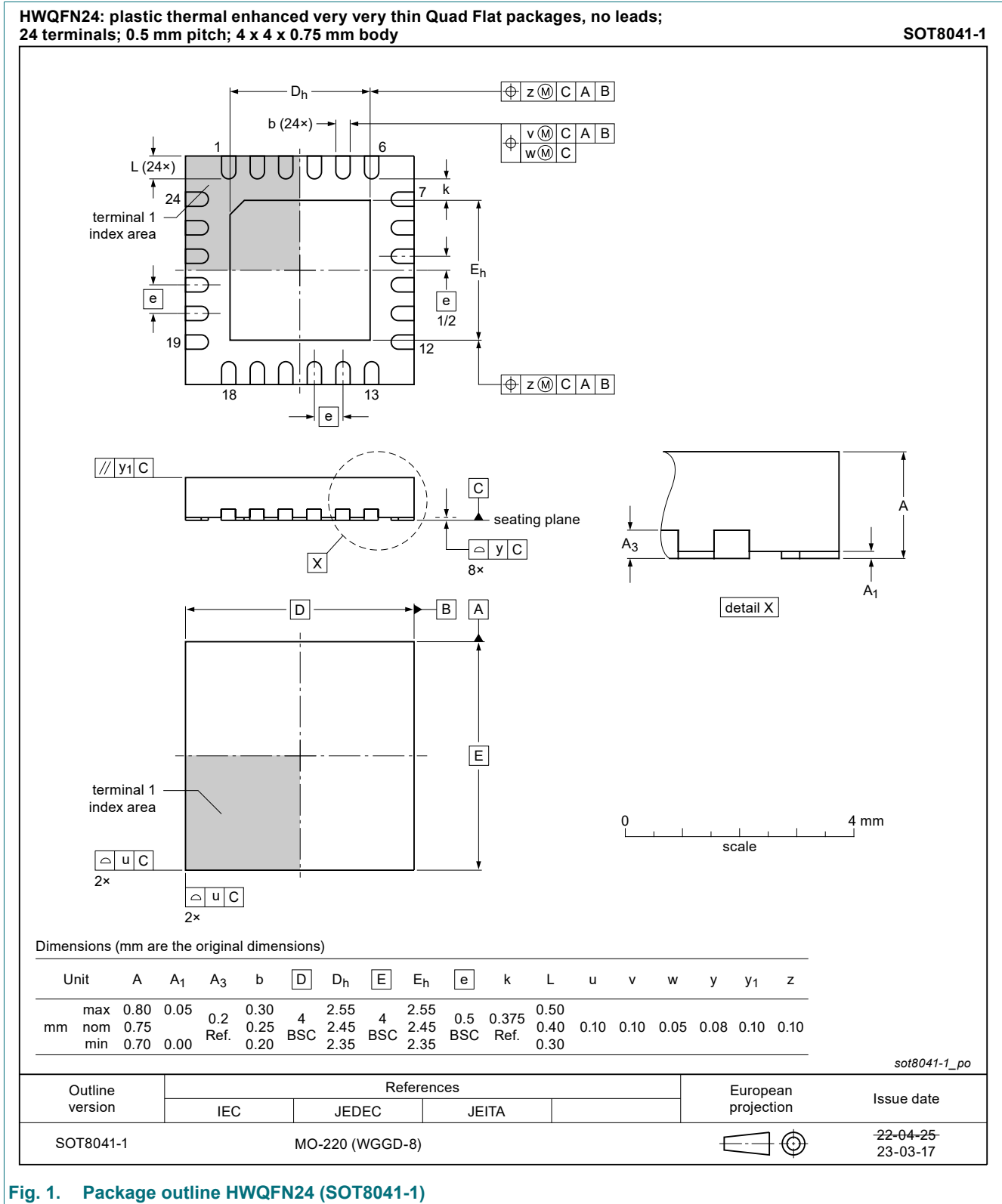


Fig. 1. Package outline HWQFN24 (SOT8041-1)

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3. Soldering

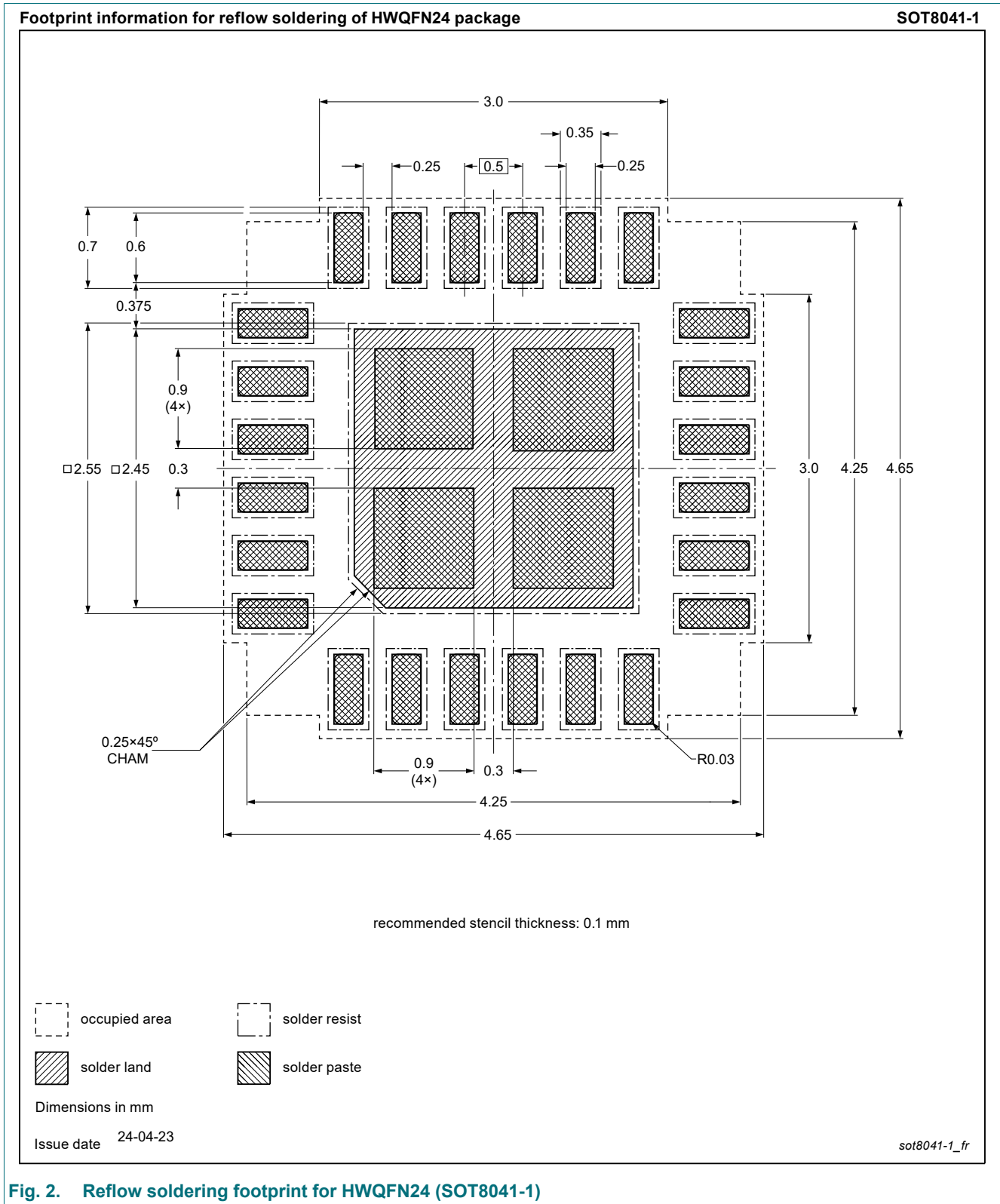


Fig. 2. Reflow soldering footprint for HWQFN24 (SOT8041-1)

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For sales office addresses, please send an email to: salesaddresses@nexperia.com
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