

# SOT414-1

plastic low profile quad flat package; 64 leads; body 7 x 7 x 1.4 mm

8 February 2016

Package information

## 1. Package summary

<b>Terminal position code</b>	Q (quad)
<b>Package type descriptive code</b>	LQFP64
<b>Package type industry code</b>	LQFP64
<b>Package style descriptive code</b>	LQFP (low profile quad flat package)
<b>Package style suffix code</b>	NA (not applicable)
<b>Package body material type</b>	P (plastic)
<b>IEC package outline code</b>	136E06
<b>JEDEC package outline code</b>	MS-026
<b>Mounting method type</b>	S (surface mount)
<b>Issue date</b>	20-2-2003

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	6.9	-	7	7.1	mm
E	package width	6.9	-	7	7.1	mm
A	seated height	[tbd]	-	1.6	1.6	mm
A <sub>2</sub>	package height	1.35	-	1.4	1.45	mm
n <sub>2</sub>	actual quantity of termination	-	-	64	-	



2. Package outline

LQFP64: plastic low profile quad flat package; 64 leads; body 7 x 7 x 1.4 mm

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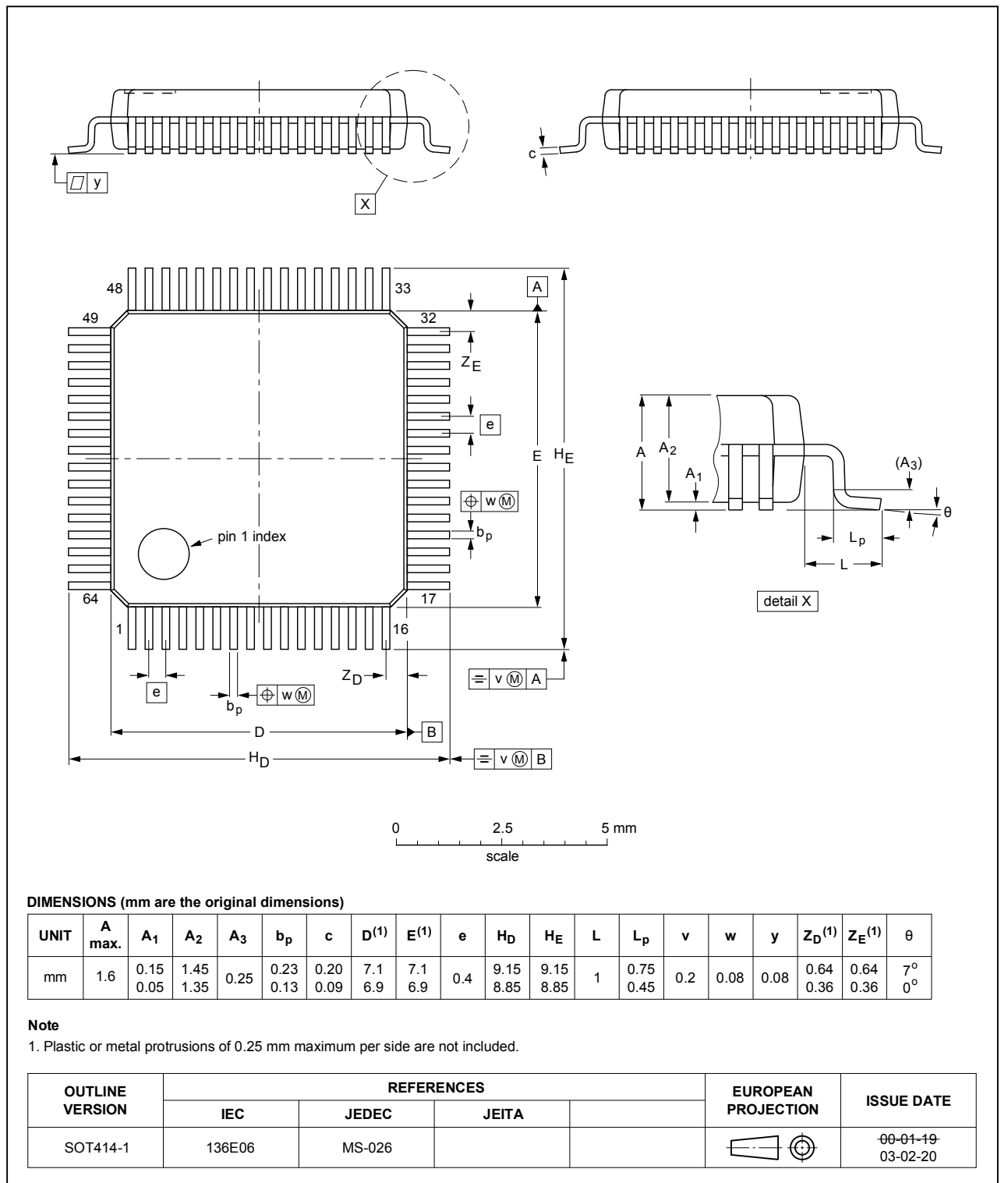


Fig. 1. Package outline LQFP64 (SOT414-1)

### 3. Soldering

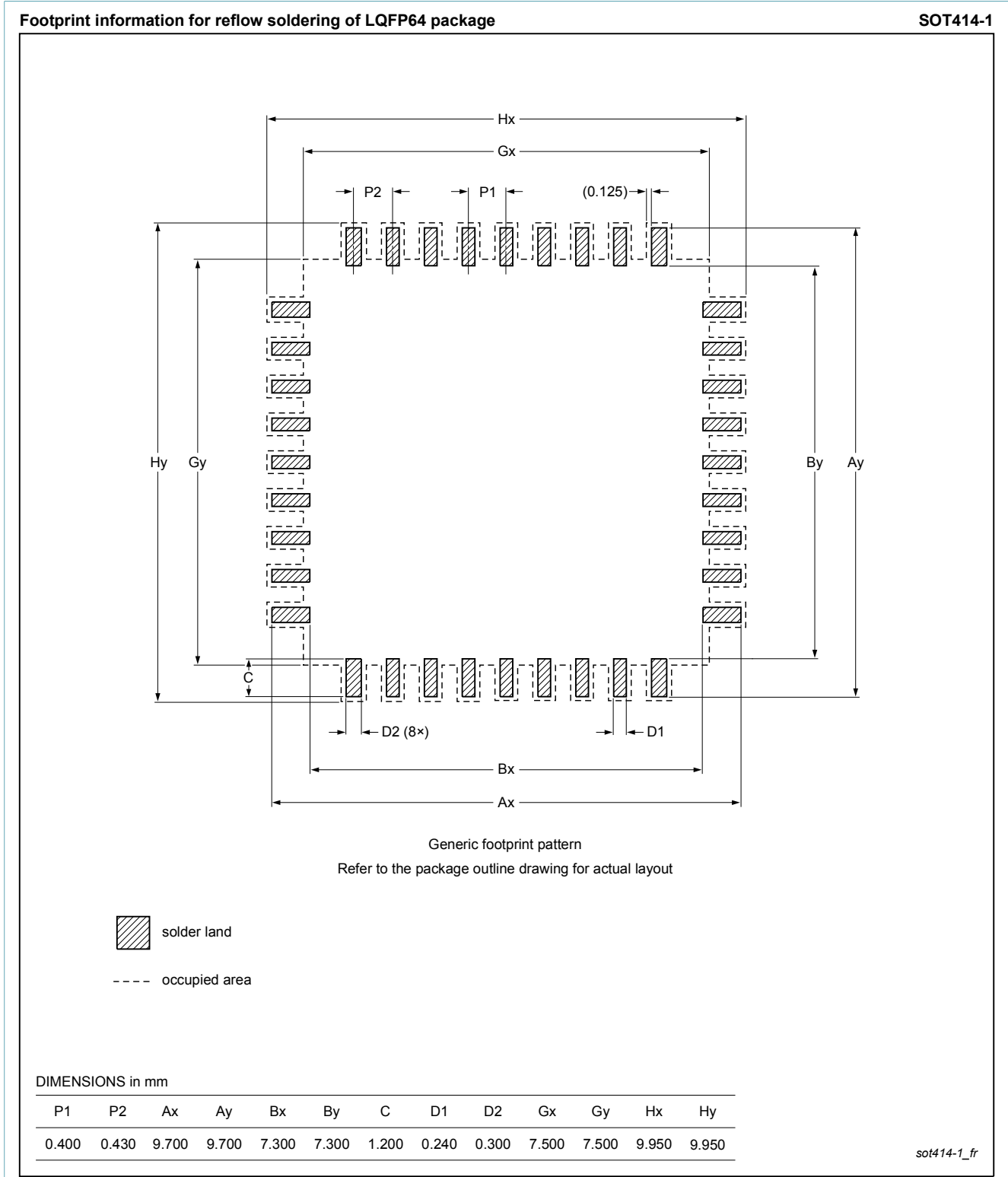


Fig. 2. Reflow soldering footprint for LQFP64 (SOT414-1)

## 4. Legal information

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