



# SOT669

plastic, single-ended surface-mounted package; 4 terminals

30 May 2022

Package information

## 1. Package summary

Terminal position code	S (single)
Package type descriptive code	LFPAK56; Power-SO8
Package type industry code	LFPAK56; Power-SO8
Package style descriptive code	SMS (surface-mounted single in-line)
Package body material type	P (plastic)
JEDEC package outline code	MO-235
Mounting method type	S (surface mount)
Number of package outline detail graphic references	0
Issue date	27-2-2013
Manufacturer package code	SOT669
Footprint dimensions (mm)	5 x 6
Footprint area (mm <sup>2</sup> )	30

Table 1. Package summary

Symbol	Parameter	Min	Typ	Nom	Max	Unit
D	package length	3.8	-	3.95	4.1	mm
E	package width	4.8	-	4.9	5	mm
A	seated height	1.01	-	1.1	1.2	mm
A <sub>2</sub>	package height	0.95	-	1	1.1	mm
e	nominal pitch	-	-	1.27	-	mm
n <sub>2</sub>	actual quantity of termination	-	-	4	-	

## 2. Package outline

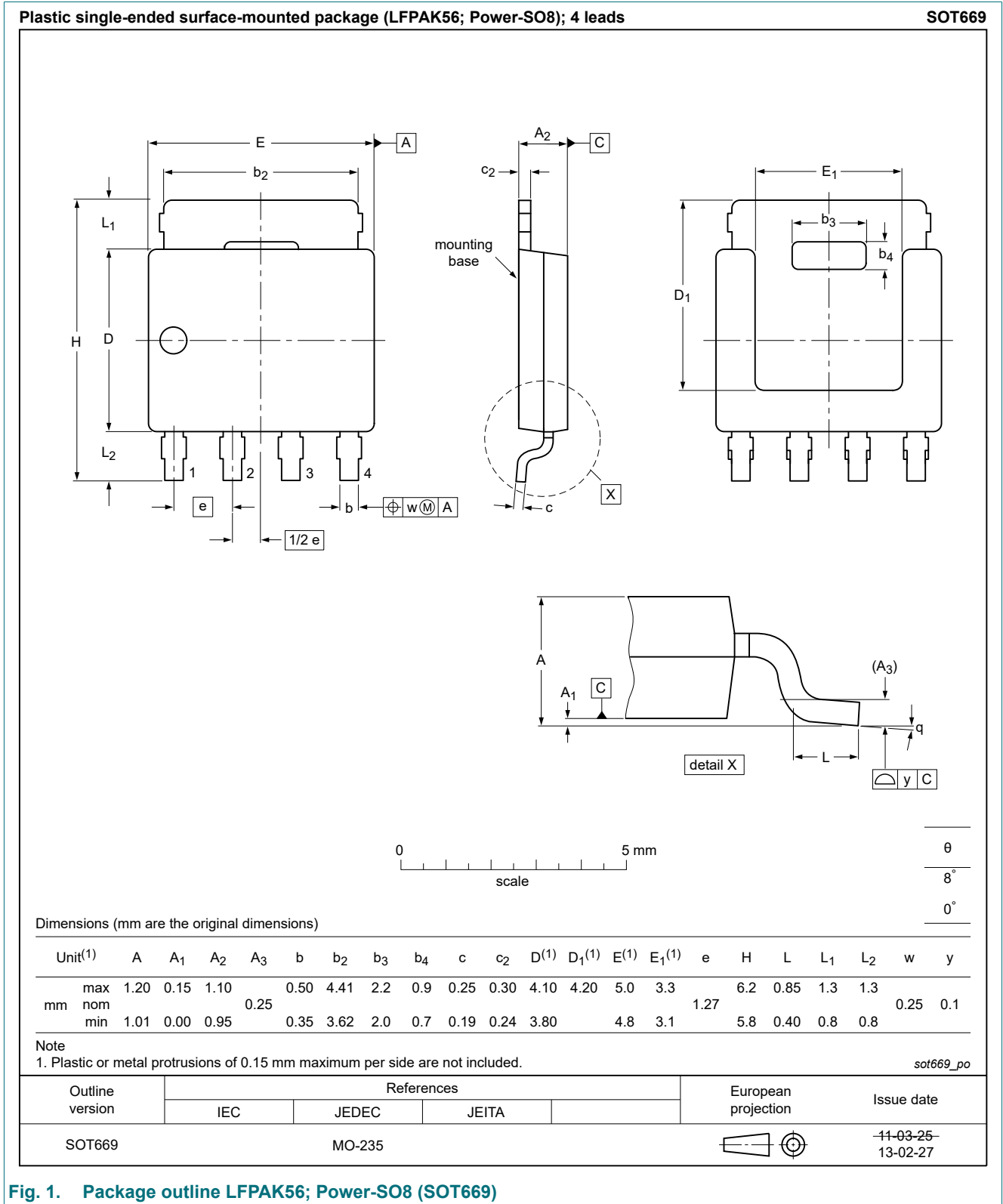


Fig. 1. Package outline LFPAK56; Power-SO8 (SOT669)

### 3. Soldering

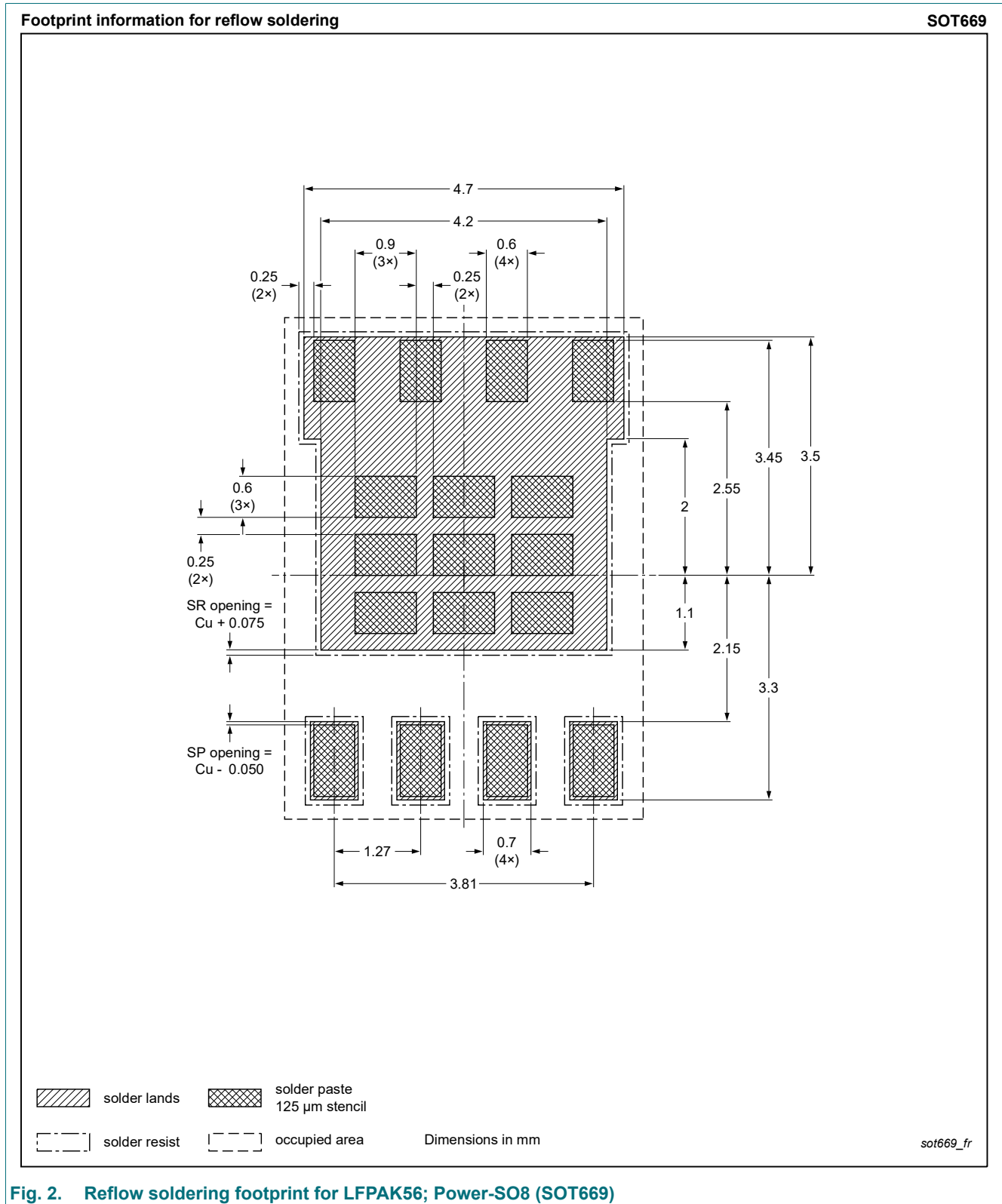


Fig. 2. Reflow soldering footprint for LFPAK56; Power-SO8 (SOT669)

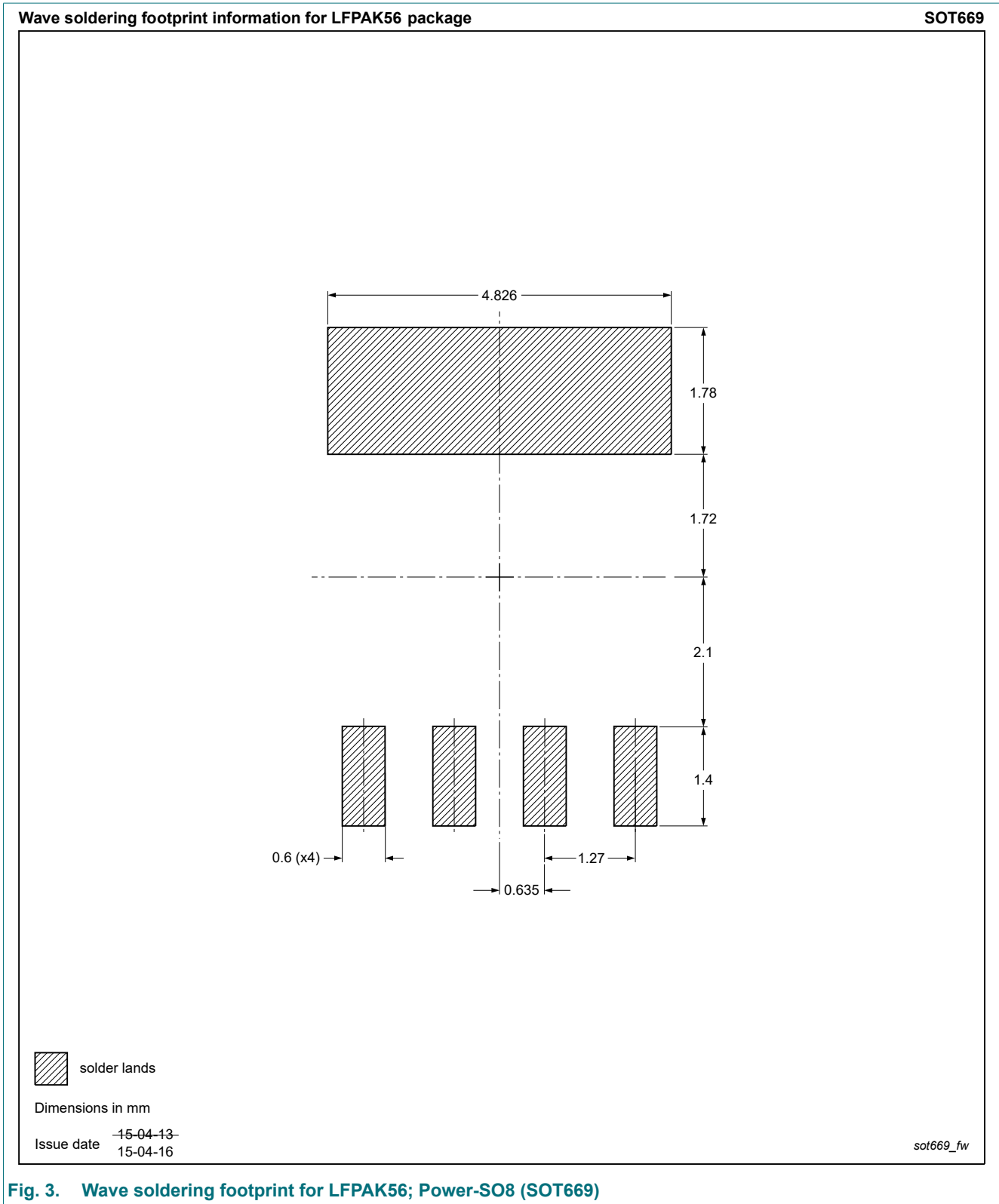


Fig. 3. Wave soldering footprint for LFPAK56; Power-SO8 (SOT669)

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For sales office addresses, please send an email to: [salesaddresses@nexperia.com](mailto:salesaddresses@nexperia.com)  
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