



# SOD882-S1

plastic, leadless ultra small outline package; 2 terminals; 0.60 mm pitch; 1 mm x 0.6 mm x 0.4 mm body

20 May 2022

Package information

## 1. Package summary

|  |                           |
|--|---------------------------|
| <b>Terminal position code</b>                              | B (bottom)                |
| <b>Package type descriptive code</b>                       | DFN1006-2                 |
| <b>Package type industry code</b>                          | DFN1006-2                 |
| <b>Package style descriptive code</b>                      | SOD (small outline diode) |
| <b>Package body material type</b>                          | P (plastic)               |
| <b>Mounting method type</b>                                | S (surface mount)         |
| <b>Number of package outline detail graphic references</b> | 0                         |
| <b>Issue date</b>  | 18-5-2021                 |
| <b>Manufacturer package code</b>                           | SOD882                    |
| <b>Footprint dimensions (mm)</b>                           | 1.4 x 0.8                 |
| <b>Footprint area (mm<sup>2</sup>)</b>                     | 1.12                      |

Table 1. Package summary

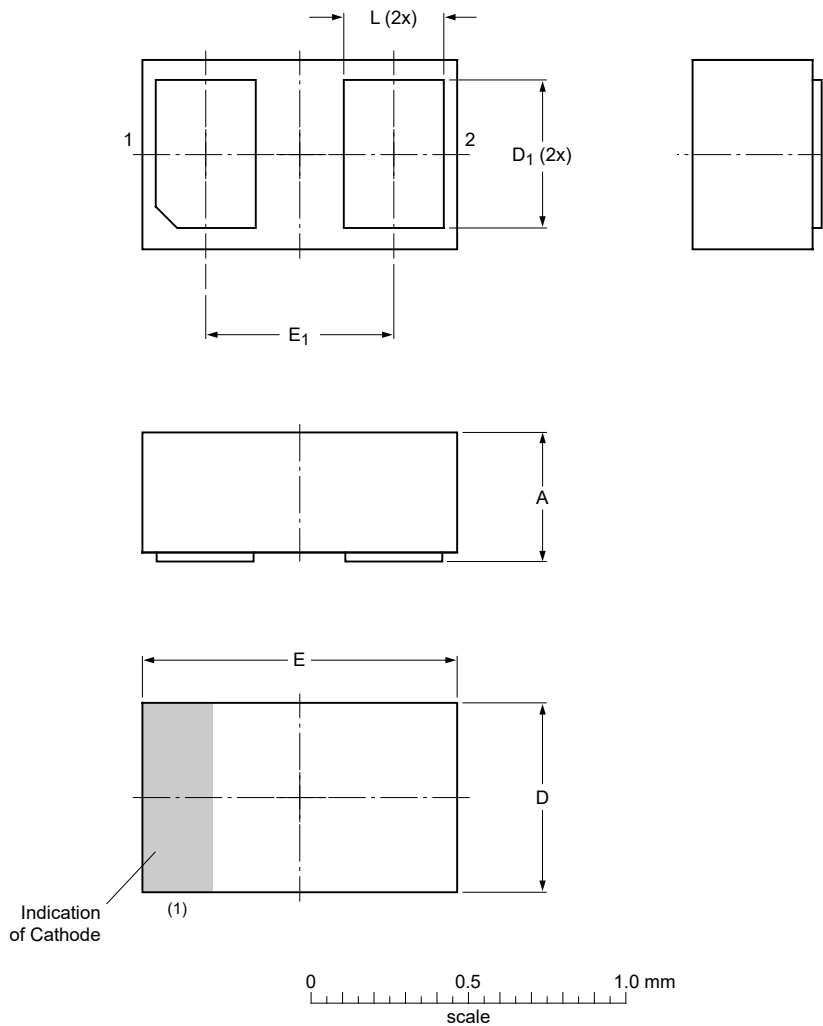
| Symbol         | Parameter                      | Min  | Typ | Nom | Max  | Unit |
|----------------|--------------------------------|------|-----|-----|------|------|
| D              | package length                 | 0.55 | -   | 0.6 | 0.65 | mm   |
| E              | package width                  | 0.95 | -   | 1   | 1.05 | mm   |
| A              | seated height                  | 0.35 | -   | 0.4 | 0.45 | mm   |
| e              | nominal pitch                  | -    | -   | 0.6 | -    | mm   |
| n <sub>2</sub> | actual quantity of termination | -    | -   | 2   | -    |      |

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## 2. Package outline

DFN1006-2: plastic, leadless ultra small outline package; 2 terminals; 0.60 mm pitch; 1 mm x 0.6 mm x 0.4 mm body

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Dimensions (mm are the original dimensions)

| Unit | A        | D    | D <sub>1</sub> | E    | E <sub>1</sub> | L    |
|------|----------|------|----------------|------|----------------|------|
| mm   | max 0.45 | 0.65 | 0.52           | 1.05 | 0.65           | 0.37 |
|      | nom 0.35 | 0.55 | 0.42           | 0.95 | 0.55           | 0.27 |
|      | min      |      |                |      |                |      |

Note

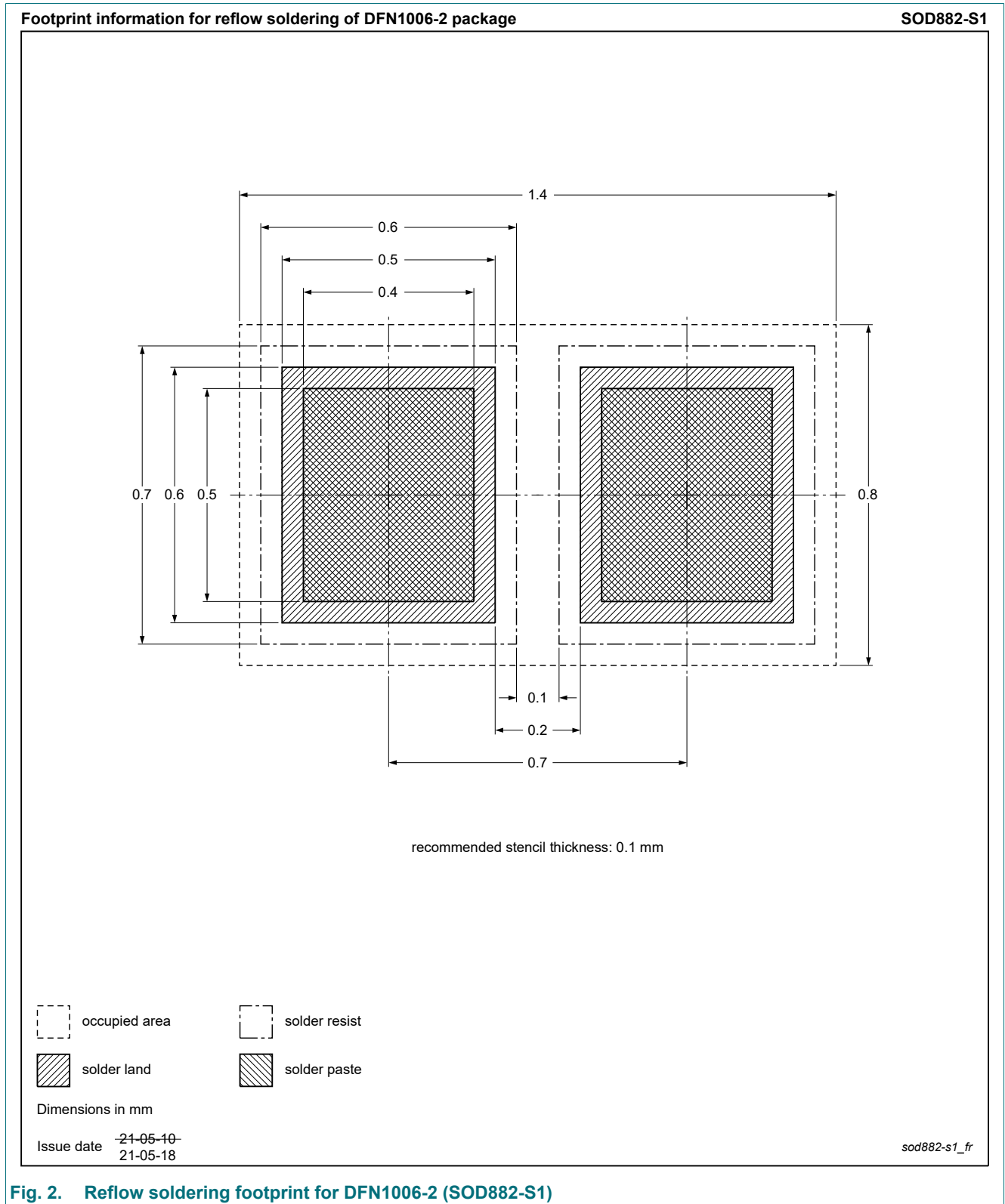
1. The marking bar indicates the cathode.

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| Outline version | References |       |       | European projection | Issue date                      |
|-----------------|------------|-------|-------|---------------------|---------------------------------|
|                 | IEC        | JEDEC | JEITA |                     |                                 |
| SOD882-S1       | ---        | ---   | ---   |                     | <del>21-05-09</del><br>21-05-18 |

Fig. 1. Package outline DFN1006-2 (SOD882-S1)

### 3. Soldering



## 4. Legal information

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