



First 60 V Schottky diode in 1.0 x 0.6 mm DFN package

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NXP has just released PMEG6002ELD, the first 60 V 200 mA Schottky rectifier in small DFN1006D-2 (SOD882D) leadless package.

PMEG6002ELD features very low $V_F < 600$ mV at 200 mA combined with low $I_{R\text{ typ}} = 2$ μ A at 10 V. The new rectifier shows excellent thermal behaviour: P_{tot} is 735 mW (1cm² Cu solder pad). It is encapsulated in a leadless ultra small DFN1006D-2 surface-mounted device (SMD) plastic package with visible and solderable side pads.



Download Datasheet

- [PMEG6002ELD](#)

Key features and benefits

- Average forward current: $I_{F(AV)} \leq 0.2$ A
- Reverse voltage: $V_R \leq 60$ V
- Low forward voltage: $V_F \leq 600$ mV
- AEC-Q101 qualified
- Solderable side pads
- Package height typ. 0.37 mm

Key applications

- LED backlight for mobile application
- Low voltage rectification
- High efficiency DC-to-DC conversion
- Switch mode power supply
- Low power consumption applications

Related links

- [PMEG6002ELD product information page](#)
- [DFN1006D-2 \(SOD882D\) package information page](#)