

High-temperature 60 V, 2 A Schottky barrier rectifier

Manufacturers	<a href="#">NXP Semiconductor</a>
Package/Case	SOD123W
Product Type	Diodes & Rectifiers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for PMEG6020ETR or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

PMEG6020ETR is a part number for a diode, specifically a Schottky barrier diode, manufactured by Nexperia. Let's break down its features, applications, and equivalent parts number list:

### Features

**Schottky barrier diode:** PMEG6020ETR is a diode that utilizes a Schottky barrier to create a rectifying junction, which allows for low forward voltage drop and fast switching characteristics.

**Voltage rating:** PMEG6020ETR has a maximum reverse voltage (VR) of 20 volts.

**Current rating:** PMEG6020ETR has a maximum forward current (IF) of 2 A.

**Package:** PMEG6020ETR is available in a small surface-mount SOD123F package, which is suitable for compact and space-constrained applications.

### Application

**Power management:** PMEG6020ETR can be used in power management circuits, such as in DC-DC converters, voltage regulators, and battery charging circuits.

**Switching applications:** PMEG6020ETR's fast switching characteristics make it suitable for applications that require high-frequency operation, such as in switching power supplies and high-speed data communication systems.

**Reverse polarity protection:** PMEG6020ETR can be used as a reverse polarity protection diode to prevent reverse current flow in circuits that are sensitive to reverse voltage.





### Related Products



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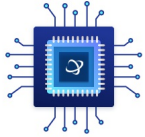
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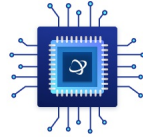
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