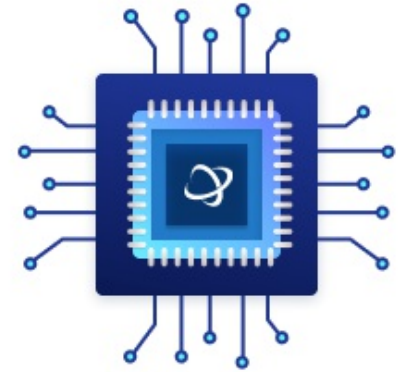


0.5 A very low VF MEGA Schottky barrier rectifiers - Cd max.: 30@VR=1V pF;
 Configuration: single ; IF: 0.5 A; IFSM max: 3 A; IR max: 0.5@VR=30V mA; VFmax:
 500@IF=0.5A mV; VR: 30 V



Images are for reference only

Manufacturers	NXP Semiconductor
Package/Case	
Product Type	Diodes & Rectifiers
RoHS	
Lifecycle	

Please submit RFQ for PMEG3005EB or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

PMEG3005EB is a Schottky barrier diode manufactured by Nexperia.

Features

It has a low forward voltage drop (VF) of 0.23 V at 3 A, which reduces power losses and increases efficiency.

It has a maximum reverse voltage (VR) of 60 V and a continuous forward current (IF) of 3 A, making it suitable for a variety of applications.

The PMEG3005EB has a small SOD123F package with a low profile of 1 mm, making it suitable for space-constrained designs.

Application

PMEG3005EB can be used in power management applications such as DC-DC converters, voltage regulators, and battery chargers.

It is also used in reverse polarity protection, in which it prevents damage to the circuit if the power supply is connected incorrectly.

Other applications include power switching, signal rectification, and LED lighting.

Related Products



[PMEG6020ETR](#)

NXP Semiconductor
SOD123W



[PMEG4030ETP](#)

NXP Semiconductor
40



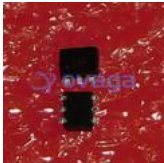
[PMEG2005EJ](#)

NXP Semiconductor
SOD323F



[PMEG4010EPK](#)

NXP Semiconductor
SOD-1608



[PMEG6002TV](#)

NXP Semiconductor
0.2



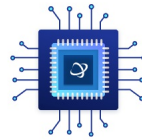
[PMV450ENEA](#)

NXP Semiconductor
SOT23



[PMEG4010CEH](#)

NXP Semiconductor
DO214



[PMEG3010EB](#)

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