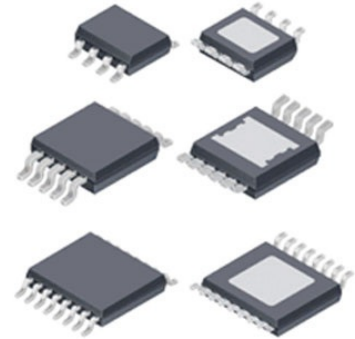


20V 1 Form A Photo Voltaic Relay in a 6-pin SMT Package; Similar to PVN012S with Lead-Free Packaging

| | |
|---------------|--|
| Manufacturers | <u>Infineon Technologies Corporation</u> |
| Package/Case | SOIC-6 |
| Product Type | Solid State |
| RoHS | Rohs |
| Lifecycle | |



Images are for reference only

Please submit RFQ for PVN012SPBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

20 V, 2.5A AC/ 4.5A DC single-pole Photovoltaic Relay in a 6-pin SMT Package. The PVN012 is a single-pole, normally open solid-state relay. These units exceed the performance capabilities of electromechanical relays in life, sensitivity, stable onresistance, miniaturization, magnetic insensitivity and ruggedness. They are ideally suited for switching high currents or low level signals without distortion or injection of electrical noise.

Features

- 100 mΩ On-Resistance
- 2.5 - 4.5 Amp capacity
- Linear AC/DC operation
- 4,000 V(rms) I/O isolation
- Bounce-free operation
- Solid state reliability
- UL recognized
- ESD Tolerance:
- 4000 V human body model
- 500 V machine model

Application

- Portable electronics
- Programmable logic controllers
- Computers and peripheral devices
- Audio equipment
- Power supplies and power distribution
- Instrumentation
- Electro mechanical relay replacement

Related Products



[PVG612ASPBF](#)

Infineon Technologies Corporation
SOP-6



[PVT322SPBF](#)

Infineon Technologies Corporation
SOIC-8



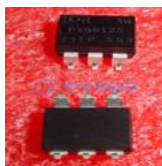
[PVN012PBF](#)

Infineon Technologies Corporation
DIP-6



[PVI1050NPBF](#)

Infineon Technologies Corporation
DIP-8



[PVG612S-TPBF](#)

Infineon Technologies Corporation
SOIC-6



[PVG612PBF](#)

Infineon Technologies Corporation
DIP6



[PVD1352NSPBF](#)

Infineon Technologies Corporation
SOIC-8



[PVG612APBF](#)

Infineon Technologies Corporation
DIP-6