

100V 1 Form A Photo Voltaic Relay in a mod. 8-pin SMT Package; Similar to PVD1354NS with Lead-Free Packaging.

Manufacturers	Infineon Technologies Corporation
Package/Case	SOIC-8
Product Type	Relays
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for PVD1354NSPBF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

100 V, 550 mA single-pole Photovoltaic Relay in a mod. 8-pin SMT Package. This normally open solid-state relay can replace electromechanical relays used for general purpose switching of analog signals. The PVD13 Series overcomes the limitations of both conventional electromechanical and reed relays by offering the solid state advantages of long life, fast operating speed, low pick up power, bounce-free operation, low thermal offset voltages and miniature package. These advantages allow product improvement and design innovations in many applications such as process control, multiplexing, automatic test equipment and data acquisition. The PVD13 can switch analog signals from thermocouple level to 100 Volts peak DC. Signal frequencies into the RF range are easily controlled and switching rates up to 450Hz are achievable. The extremely small thermally generated offset voltages allow increased measurement accuracies.

Features

1010 off-State resistance
1.000 V/ μ sec dv/dt
5 mA input sensitivity
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

Process control
Data acquisition
Test equipment
Multiplexing and scanning
Electro mechanical relay replacement

Related Products



[PVG612ASPBF](#)

Infineon Technologies Corporation
SOP-6



[PVT322SPBF](#)

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SOIC-8



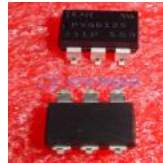
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