PVA3354NPBF

Data Sheet

300V 1 Form A Photo Voltaic Relay in a mod. 8-pin DIP Package; Similar to PVA3354N with Lead Free Packaging

Manufacturers	Infineon Technologies Corporation
Package/Case	DIP-8
Product Type	Solid State
RoHS	Rohs
Lifecycle	

Images are for reference only

Please submit RFQ for PVA3354NPBF or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

300 V, 150 mA single pole Photovoltaic Relay in a mod. 8-pin DIP. This normally open solid-state relay can replace electromechanical relays used for general purpose switching of analog signals. The PVA33 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 PVA33 can switch analog signals from thermocouple level to 300 Volts peak AC or DC polarity. Signal frequencies into the RF range are easily controlled and switching rates up to 500Hz are achievable. The extremely small thermally generated offset voltages allow increased measurement accuracies.

Features

1010Off-State resistance

1.000 V/µsec dv/dt

0.2 µV thermal offset

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

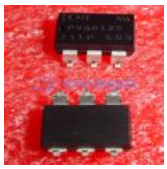
Electro mechanical relay replacement

Related Products

PVG612ASPBF

Infineon Technologies Corporation

SOP-6



PVG612S-TPBF

Infineon Technologies Corporation

SOIC-6

PVT322SPBF

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SOIC-8

PVG612PBF

Infineon Technologies Corporation

DIP6

PVN012PBF

Infineon Technologies Corporation

DIP-6

PVD1352NSPBF

Infineon Technologies Corporation

SOIC-8

PVI1050NPBF

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DIP-8

PVG612APBF

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DIP-6