

Triac & SCR Output Optocouplers 6Pin800V Optocoupler Zero Cross Triac Dr

Manufacturers	ON Semiconductor, LLC
Package/Case	SOP-6
Product Type	Optocouplers / Photocouplers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MOC3083SM or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The MOC3081M, MOC3082M and MOC3083M devices consist of a GaAs infrared emitting diode optically coupled to a monolithic silicon detector performing the function of a zero voltage crossing bilateral triac driver. They are designed for use with a discrete power triac in the interface of logic systems to equipment powered from 240 VAC lines, such as solid-state relays, industrial controls, motors, solenoids and consumer appliances, etc.

Features

Simplifies Logic Control of 240 VAC Power

Zero Voltage Crossing to Minimize Conducted and Radiated Line Noise

800 V Peak Blocking Voltage

Superior Static dv/dt

1500 V/ μ s Typical, 600 V/ μ s Guaranteed

Safety and Regulatory Approvals

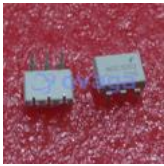
UL1577, 4,170 VACRMS for 1 Minute

DIN EN/IEC60747-5-5

Application

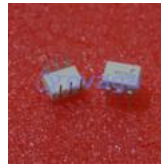
ONSEMI

Related Products



[MOC3052M](#)

ON Semiconductor, LLC
DIP-6



[MOC3022M](#)

ON Semiconductor, LLC
DIP6



[MOC30223R2M](#)

ON Semiconductor, LLC
SOIC-8



[MOC3083SR2VM](#)

ON Semiconductor, LLC
PDIP-6



[MOC3083SR2M](#)

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[MOC3043SR2M](#)

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[MOC3023SR2M](#)

ON Semiconductor, LLC
PDIP-6



[MOC30223R2M](#)

ON Semiconductor, LLC
SOIC-8