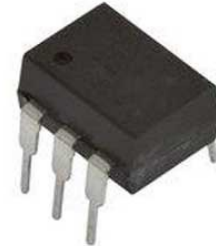


Triac & SCR Output Optocouplers 600V Optocoupler Triac Driver ZC

Manufacturers	<a href="#">ON Semiconductor, LLC</a>
Package/Case	PDIP-6
Product Type	Optocouplers / Photocouplers
RoHS	Pb-free
Lifecycle	



Images are for reference only

Please submit RFQ for MOC3062M or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The MOC306XM and MOC316XM 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 triac in the interface of logic systems to equipment powered from 115/240 VAC lines, such as solid-state relays, industrial controls, motors, solenoids and consumer appliances, etc.

## Features

Simplifies Logic Control of 115/240 VAC Power

Zero Voltage Crossing to Minimize Conducted and Radiated Line Noise

600 V Peak Blocking Voltage

Superior Static dv/dt

600 V/ $\mu$ s (MOC306xM)

1000 V/ $\mu$ s (MOC316xM)

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



[MOC3052M](#)

ON Semiconductor, LLC  
SOIC-8



[MOC3083SR2VM](#)

ON Semiconductor, LLC  
PDIP-6



[MOC3083SR2M](#)

ON Semiconductor, LLC  
PDIP-6



[MOC3043SR2M](#)

ON Semiconductor, LLC  
SOP-6



[MOC3023SR2M](#)

ON Semiconductor, LLC  
PDIP-6



[MOC3023SR2M](#)

ON Semiconductor, LLC  
SOIC-8