

Product Overview

MOC3072M: Triac Driver Optocoupler, 6-Pin DIP Random-Phase (800 Volt Peak)

For complete documentation, see the data sheet.

The MOC3071M, MOC3072M and MOC3073M consist of a GaAs infrared emitting diode optically coupled to a non-zero-crossing silicon bilateral AC switch (triac). These devices isolate low voltage logic from 240 VAC lines to provide random phase control of high current triacs or thyristors. These devices feature greatly enhanced static dv/dt capability to ensure stable switching performance of inductive loads.

Features

- Excellent IFT Stability—IR Emitting Diode Has Low Degradation
- 800 V Peak Blocking Voltage
- Safety and Regulatory Approvals— UL1577, 4,170 VACRMS for 1 Minute— DIN EN/IEC60747-5-5 (pending approval)

Applications

- Consumer Appliances
- Industrial Motor

Part Electrical Specifications

Product	Compliance	Status	V_{DRM} (Min) (V)	I_{FT} (Max) (mA)	V_{TM} (Max) (V)	Static dV/dt (Min)	Commutati ng dV/dt (Min)	I_H (Typ)	I_{DRM} (Max)	V_{ISO} (Min)	Package Type
MOC3072M	Pb-free	Active	800	10	2.5	1000	-	540	200	4170	PDIP-6
MOC3072SM	Pb-free	Active	800	10	2.5	1000	-	540	200	4170	PDIP-6
MOC3072SR2VM	Pb-free	Active	800	10	2.5	1000	-	540	200	4170	PDIP-6
MOC3072SVM	Pb-free	Active	800	10	2.5	1000	-	540	200	4170	PDIP-6
MOC3072TVM	Pb-free	Active	800	10	2.5	1000	-	540	200	4170	PDIP-6

For more information please contact your local sales support at www.onsemi.com.

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