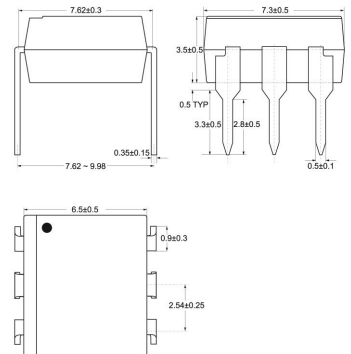
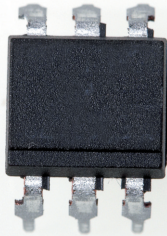
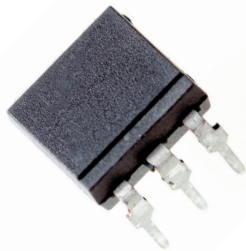


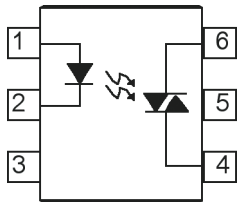


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COMPONENTS

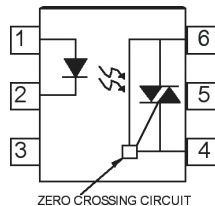
Special Purpose 6 Pin DIL & SMD Optocouplers



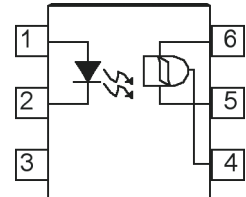
Random Phase Triac



Zero Crossing Triac



Schmitt Trigger



Description

The non-zero voltage crossing triac series are optically coupled isolators consisting of a Gallium Arsenide infrared emitting diode coupled with a light activated silicon bilateral switch performing the functions of a triac mounted in a standard 6 pin dual-in-line package.

Description

The zero voltage crossing triac series are optically coupled isolators consisting of a Gallium Arsenide infrared emitting diode coupled with a monolithic silicon detector performing the functions of a zero crossing bilateral triac mounted in a standard 6 pin dual-in-line package.

Description

The Schmitt Trigger series are optically coupled isolators consisting of a Gallium Arsenide infrared emitting diode and a Microprocessor Compatible Schmitt trigger output mounted in a standard 6 pin dual-in-line package.

Features

- High Isolation Voltage
- Up to 600V Peak Blocking Voltage
- High dV/dt
- All electrical parameters 100% tested
- Custom electrical selections available

Features

- High Isolation Voltage
- Up to 800V Peak Blocking Voltage
- Zero voltage crossing
- High dV/dt
- All electrical parameters 100% tested
- Custom electrical selections available

Features

- High Isolation Voltage
- High data rate
- Microprocessor compatible drive
- Fast switching
- Wide supply voltage capability
- Guaranteed on / off threshold hysteresis

Applications

- CRT's
- Power Triac Driver
 - Motors
 - Dimmer Switch
- Consumer Appliances
 - Printers

- Logic to logic isolator
- Line receiver
- Programmable current level sensor
- AC to TTL conversion
- Digital programming of power supplies
- Interfaces computers with peripherals

Special Purpose 6 Pin DIL & SMD Optocouplers

Part Numbers

Random Phase Triac		Zero Crossing Triac		Schmitt Trigger	
H11J1	IS608	IS3030	MOC3031	H11L1	
H11J2	MOC3009	IS3031	MOC3032	H11L2	
H11J3	MOC3010	IS3032	MOC3033	H11L3	
H11J4	MOC3011	IS3033	MOC3040	H11L4	
H11J5	MOC3012	IS3040	MOC3041	IS609	
IS3009	MOC3020	IS3041	MOC3042	IS900	
IS3010	MOC3021	IS3042	MOC3043	MOC5007	
IS3011	MOC3022	IS3043	MOC3060	MOC5008	
IS3012	MOC3023	IS3060	MOC3061	MOC5009	
IS3020	MOC3051	IS3061	MOC3062		
IS3021	MOC3052	IS3062	MOC3063		
IS3022		IS3063	MOC3080		
IS3023		IS3080	MOC3081		
IS3051		IS3081	MOC3082		
IS3052		IS3082	MOC3083		
IS6003		IS3083			
IS6005		IS620			
IS6010		IS621			
IS6015		IS622			
IS6030		IS623			
IS607		MOC3030			

...plus many more. If your required part number is not shown please contact us to discuss your requirements. All parts conform to the EU RoHS Directive 2002/95/EC.

Lead Form & Packaging Options

- All devices are supplied in tubes in standard straight lead form unless specified.
- All devices are available in 10.16mm lead spread to ensure a minimum creepage distance of 8.0mm.
- All devices are available in surface mount lead form.
- All surface mount devices are available in Tape and Reel packaging.

How To Order

- For VDE approval, add the suffix **X** to the required part number (e.g. MOC3063X)
- For 10.16mm lead spread, add the suffix **G** to the required part number (e.g. MOC3063XG)
- For surface mount option, add the suffix **SM** to the required part number (e.g. MOC3063XSM)
- For tape and reel packaging, add the suffix **T&R** to the required part number (e.g. MOC3063XSMT&R)

For Price & Delivery

- Call ISOCOM COMPONENTS direct on +44 (0)1429 863609 or email your requirements to sales@isocom.co.uk, or
- Contact your local ISOCOM COMPONENTS distributor. Visit www.isocom.com for details.