



IX3120GE Information

Heisener.com

Part Number IX3120GE

Manufacturer IXYS Integrated Circuits Division

Category Isolators

Isolators - Gate Drivers

Description OPTOISO 3.75KV GATE DRIVER 8DIP

Package 8-DIP (0.300", 7.62mm)

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com For Reference Only

E-mail: salesdept@heisener.com



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Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









IX3120GE Specifications

Manufacturer Part Number IX3120GE Manufacturer IXYS Integrated Circuits Division Category Isolators Package 8-DIP (0.300", 7.62mm) Series - Technology Optical Coupling Number of Channels 1 Voltage - Isolation 3750Vrms Common Mode Transient Immunity (Min) 25kV/µs Propagation Delay tpLH / tpHL (Max) 500ns, 500ns Pulse Width Distortion (Max) 300ns Rise / Fall Time (Typ) 100ns, 100ns Current - Output High, Low 2A, 2A Current - Peak Output 2.5A Voltage - Forward (Vf) (Typ) 1.24V Current - DC Forward (If) (Max) 20mA Voltage - Supply 15 V ~ 30 V Operating Temperature -40°C ~ 100°C Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-DIP (0.300", 7.62mm) Supplier Device Package 8-DIP		
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TechnologyOptical CouplingNumber of Channels1Voltage - Isolation3750VrmsCommon Mode Transient Immunity (Min)25kV/μsPropagation Delay tpLH / tpHL (Max)500ns, 500nsPulse Width Distortion (Max)300nsRise / Fall Time (Typ)100ns, 100nsCurrent - Output High, Low2A, 2ACurrent - Peak Output2.5AVoltage - Forward (Vf) (Typ)1.24VCurrent - DC Forward (If) (Max)20mAVoltage - Supply15 V ~ 30 VOperating Temperature-40°C ~ 100°CMounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-DIPApprovalsIEC/EN/DIN, UR	Package	8-DIP (0.300", 7.62mm)
Number of Channels1Voltage - Isolation 3750Vrms Common Mode Transient Immunity (Min) $25kV/\mu s$ Propagation Delay tpLH / tpHL (Max) $500ns$, $500ns$ Pulse Width Distortion (Max) $300ns$ Rise / Fall Time (Typ) $100ns$, $100ns$ Current - Output High, Low $2A$, $2A$ Current - Peak Output $2.5A$ Voltage - Forward (Vf) (Typ) $1.24V$ Current - DC Forward (If) (Max) $20mA$ Voltage - Supply $15 \text{ V} \sim 30 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 100^{\circ}\text{C}$ Mounting TypeThrough HolePackage / Case $8-\text{DIP}$ (0.300° , $7.62mm$)Supplier Device Package $8-\text{DIP}$ ApprovalsIEC/EN/DIN, UR	Series	-
Voltage - Isolation3750VrmsCommon Mode Transient Immunity (Min)25kV/μsPropagation Delay tpLH / tpHL (Max)500ns, 500nsPulse Width Distortion (Max)300nsRise / Fall Time (Typ)100ns, 100nsCurrent - Output High, Low2A, 2ACurrent - Peak Output2.5AVoltage - Forward (Vf) (Typ)1.24VCurrent - DC Forward (If) (Max)20mAVoltage - Supply15 V ~ 30 VOperating Temperature-40°C ~ 100°CMounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-DIPApprovalsIEC/EN/DIN, UR	Technology	Optical Coupling
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Pulse Width Distortion (Max) Rise / Fall Time (Typ) 100ns, 100ns Current - Output High, Low 2A, 2A Current - Peak Output Voltage - Forward (Vf) (Typ) 1.24V Current - DC Forward (If) (Max) Voltage - Supply 15 V ~ 30 V Operating Temperature 40°C ~ 100°C Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package Approvals IEC/EN/DIN, UR	Common Mode Transient Immunity (Min)	25kV/μs
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Current - Peak Output 2.5A Voltage - Forward (Vf) (Typ) 1.24V Current - DC Forward (If) (Max) Voltage - Supply 15 V ~ 30 V Operating Temperature -40°C ~ 100°C Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package Approvals IEC/EN/DIN, UR	Rise / Fall Time (Typ)	100ns, 100ns
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Current - DC Forward (If) (Max) Voltage - Supply 15 V ~ 30 V Operating Temperature -40°C ~ 100°C Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package Approvals IEC/EN/DIN, UR	Current - Peak Output	2.5A
Voltage - Supply Operating Temperature -40°C ~ 100°C Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package Approvals IEC/EN/DIN, UR	Voltage - Forward (Vf) (Typ)	1.24V
Operating Temperature -40°C ~ 100°C Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-DIP Approvals IEC/EN/DIN, UR	Current - DC Forward (If) (Max)	20mA
Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-DIP Approvals IEC/EN/DIN, UR	Voltage - Supply	15 V ~ 30 V
Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-DIP Approvals IEC/EN/DIN, UR	Operating Temperature	-40°C ~ 100°C
Supplier Device Package 8-DIP Approvals IEC/EN/DIN, UR	Mounting Type	Through Hole
Approvals IEC/EN/DIN, UR	Package / Case	8-DIP (0.300", 7.62mm)
	Supplier Device Package	8-DIP
Report errors?	Approvals	IEC/EN/DIN, UR
		Report errors?

IX3120GE Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

IX3120GE Payment Methods





















IX3120GE Shipping Methods













If you have any question about IX3120GE, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com