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LC12 Information

Part Number LC12

Manufacturer Microsemi Corporation

Category Circuit Protection TVS - Diodes

Description TVS DIODE 12VWM 22VC DO202AA

Package

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.









LC12 Specifications

Manufacturer Part NumberLC12ManufacturerMicrosemi CorporationCategoryCircuit ProtectionTVS - DiodesPackageDO-13Series-TypeZenerUnidirectional Channels1Bidirectional Channels-Voltage - Reverse Standoff (Typ)12VVoltage - Breakdown (Min)13.3VVoltage - Clamping (Max) @ Ipp22VCurrent - Peak Pulse (10/1000μs)68APower - Peak Pulse1500W (1.5kW)Power Line ProtectionNoApplicationsGeneral PurposeCapacitance @ Frequency100pF @ 1MHzOperating Temperature-65°C ~ 175°C (TJ)	•	
Category Circuit Protection TVS - Diodes Package DO-13 Series - Type Zener Unidirectional Channels Bidirectional Channels Voltage - Reverse Standoff (Typ) 12V Voltage - Breakdown (Min) 13.3V Voltage - Clamping (Max) @ Ipp Current - Peak Pulse (10/1000µs) Power Line Protection Applications Capacitance @ Frequency Circuit Protection TVS - Diodes Toursel Toursel Turel Tu	Manufacturer Part Number	LC12
TVS - Diodes Package DO-13 Series - Type Zener Unidirectional Channels 1 Bidirectional Channels - Voltage - Reverse Standoff (Typ) 12V Voltage - Breakdown (Min) 13.3V Voltage - Clamping (Max) @ Ipp 22V Current - Peak Pulse (10/1000μs) 68A Power - Peak Pulse 1500W (1.5kW) Power Line Protection No Applications General Purpose Capacitance @ Frequency 100pF @ 1MHz	Manufacturer	Microsemi Corporation
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Series - Zener Unidirectional Channels 1 Bidirectional Channels - Voltage - Reverse Standoff (Typ) 12V Voltage - Breakdown (Min) 13.3V Voltage - Clamping (Max) @ Ipp 22V Current - Peak Pulse (10/1000µs) 68A Power - Peak Pulse 1500W (1.5kW) Power Line Protection No Applications General Purpose Capacitance @ Frequency 100pF @ 1MHz		TVS - Diodes
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Voltage - Reverse Standoff (Typ) Voltage - Breakdown (Min) 13.3V Voltage - Clamping (Max) @ Ipp 22V Current - Peak Pulse (10/1000µs) 68A Power - Peak Pulse 1500W (1.5kW) Power Line Protection No Applications General Purpose Capacitance @ Frequency 100pF @ 1MHz	Unidirectional Channels	1
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Voltage - Clamping (Max) @ Ipp Current - Peak Pulse (10/1000µs) Power - Peak Pulse 1500W (1.5kW) Power Line Protection No Applications General Purpose Capacitance @ Frequency 100pF @ 1MHz	Voltage - Reverse Standoff (Typ)	12V
Current - Peak Pulse (10/1000µs) 68A Power - Peak Pulse 1500W (1.5kW) Power Line Protection No Applications General Purpose Capacitance @ Frequency 100pF @ 1MHz	Voltage - Breakdown (Min)	13.3V
Power - Peak Pulse 1500W (1.5kW) Power Line Protection No Applications General Purpose Capacitance @ Frequency 100pF @ 1MHz	Voltage - Clamping (Max) @ Ipp	22V
Power Line Protection No Applications General Purpose Capacitance @ Frequency 100pF @ 1MHz	Current - Peak Pulse (10/1000µs)	68A
Applications General Purpose Capacitance @ Frequency 100pF @ 1MHz	Power - Peak Pulse	1500W (1.5kW)
Capacitance @ Frequency 100pF @ 1MHz	Power Line Protection	No
	Applications	General Purpose
Operating Temperature $-65^{\circ}\text{C} \sim 175^{\circ}\text{C} \text{ (TJ)}$	Capacitance @ Frequency	100pF @ 1MHz
	Operating Temperature	-65°C ~ 175°C (TJ)
Mounting Type Through Hole	Mounting Type	Through Hole
Package / Case DO-13	Package / Case	DO-13
Supplier Device Package DO-202AA (DO-13)	Supplier Device Package	DO-202AA (DO-13)
Report errors?		Report errors?

LC12 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.

LC12 Payment Methods



















LC12 Shipping Methods













If you have any question about LC12, please do not hesitate to contact us!

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