



SIC634CD-T1-GE3 Information



For Reference Only

Part Number SIC634CD-T1-GE3
Manufacturer Vishay Siliconix

Category Integrated Circuits (ICs)

PMIC - Full, Half-Bridge Drivers

Description 40A VRPOWER (DRMOS) INTEGRATED P

Package PowerPAK® MLP55-31L

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com 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.









SIC634CD-T1-GE3 Specifications

Category Integrated Circuits (ICs) PMIC - Full, Half-Bridge Drivers Package PowerPAK® MLP55-31L Series VRPower® Output Configuration Half Bridge Applications Synchronous Buck Converters, Voltage Regulators Interface PWM Load Type Inductive Technology Power MOSFET Rds On (Typ) - Current - Output / Channel 50A Current - Peak Output 55A Voltage - Supply 4.5 V ~ 5.5 V Voltage - Load 4.5 V ~ 24 V Operating Temperature 40°C ~ 125°C (TA) Features Bootstrap Circuit Fault Protection Mounting Type Integrated Circuits (ICs) PMIC - Full, Half-Bridge Drivers Power M ALS - Suple VRPOWER® Power MOSFET 50A Current - Output / Channel 50A Current - Peak Output 55A Voltage - Supply 4.5 V ~ 2.5 V Voltage - Load 4.5 V ~ 2.4 V Operating Temperature 40°C ~ 125°C (TA) Features Bootstrap Circuit Fault Protection Mounting Type		
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Output ConfigurationHalf BridgeApplicationsSynchronous Buck Converters, Voltage RegulatorsInterfacePWMLoad TypeInductiveTechnologyPower MOSFETRds On (Typ)-Current - Output / Channel50ACurrent - Peak Output55AVoltage - Supply4.5 V ~ 5.5 VVoltage - Load4.5 V ~ 24 VOperating Temperature-40°C ~ 125°C (TA)FeaturesBootstrap CircuitFault ProtectionUVLOMounting TypeSurface MountPackage / CasePowerPAK® MLP55-31LSupplier Device PackagePowerPAK® MLP55-31L	Package	PowerPAK® MLP55-31L
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Interface PWM Load Type Inductive Technology Power MOSFET Rds On (Typ) - Current - Output / Channel 50A Current - Peak Output 55A Voltage - Supply 4.5 V ~ 5.5 V Voltage - Load 4.5 V ~ 24 V Operating Temperature -40°C ~ 125°C (TA) Features Bootstrap Circuit Fault Protection UVLO Mounting Type Surface Mount Package / Case PowerPAK® MLP55-31L Supplier Device Package PowerPAK® MLP55-31L	Output Configuration	Half Bridge
Load Type Inductive Technology Power MOSFET Rds On (Typ) - Current - Output / Channel 50A Current - Peak Output 55A Voltage - Supply 4.5 V ~ 5.5 V Voltage - Load 4.5 V ~ 24 V Operating Temperature -40°C ~ 125°C (TA) Features Bootstrap Circuit Fault Protection UVLO Mounting Type Surface Mount Package / Case PowerPAK® MLP55-31L Supplier Device Package PowerPAK® MLP55-31L	Applications	Synchronous Buck Converters, Voltage Regulators
Technology Rds On (Typ) - Current - Output / Channel 50A Current - Peak Output 55A Voltage - Supply 4.5 V ~ 5.5 V Voltage - Load 4.5 V ~ 24 V Operating Temperature -40°C ~ 125°C (TA) Features Bootstrap Circuit Fault Protection UVLO Mounting Type Surface Mount Package / Case PowerPAK® MLP55-31L Supplier Device Package	Interface	PWM
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Voltage - Load 4.5 V ~ 24 V Operating Temperature -40°C ~ 125°C (TA) Bootstrap Circuit Fault Protection UVLO Mounting Type Surface Mount Package / Case PowerPAK® MLP55-31L Supplier Device Package	Current - Peak Output	55A
Operating Temperature -40°C ~ 125°C (TA) Bootstrap Circuit UVLO Mounting Type Surface Mount Package / Case PowerPAK® MLP55-31L Supplier Device Package PowerPAK® MLP55-31L	Voltage - Supply	4.5 V ~ 5.5 V
Features Bootstrap Circuit Fault Protection UVLO Mounting Type Surface Mount Package / Case PowerPAK® MLP55-31L Supplier Device Package PowerPAK® MLP55-31L	Voltage - Load	4.5 V ~ 24 V
Fault Protection UVLO Mounting Type Surface Mount Package / Case PowerPAK® MLP55-31L Supplier Device Package PowerPAK® MLP55-31L	Operating Temperature	-40°C ~ 125°C (TA)
Mounting Type Surface Mount Package / Case PowerPAK® MLP55-31L Supplier Device Package PowerPAK® MLP55-31L	Features	Bootstrap Circuit
Package / Case PowerPAK® MLP55-31L Supplier Device Package PowerPAK® MLP55-31L	Fault Protection	UVLO
Supplier Device Package PowerPAK® MLP55-31L	Mounting Type	Surface Mount
	Package / Case	PowerPAK® MLP55-31L
Report errors?	Supplier Device Package	PowerPAK® MLP55-31L
		Report errors?

SIC634CD-T1-GE3 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.

SIC634CD-T1-GE3 Payment Methods



















SIC634CD-T1-GE3 Shipping Methods













If you have any question about SIC634CD-T1-GE3, please do not hesitate to contact us!

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