



A4919GETTR-T Information

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For Reference Only

Part Number A4919GETTR-T

Manufacturer Allegro MicroSystems, LLC

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

Description THREE PHASE MOSFET DRIVER

Package 28-VFQFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

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



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A4919GETTR-T Specifications

Manufacturer A4919GETTR-T Manufacturer Allegro MicroSystems, LLC Category Integrated Circuits (ICs) Package 28-VFQFN Exposed Pad Series - Driven Configuration High-Side or Low-Side Channel Type 3-Phase Number of Drivers 6 Gate Type N-Channel MOSFET Voltage - Supply 5.5 V ~ 50 V Logic Voltage - VIL, VIH 0.8V, 1.5V Current - Peak Output (Source, Sink) - Input Type TTL High Side Voltage - Max (Bootstrap) - Rise / Fall Time (Typ) 35ns, 20ns Operating Temperature -40°C ~ 105°C (TA) Mounting Type Surface Mount Package / Case 28-VFQFN Exposed Pad Supplier Device Package 28-QFN-EP (5x5)		
CategoryIntegrated Circuits (ICs)Package28-VFQFN Exposed PadSeries-Driven ConfigurationHigh-Side or Low-SideChannel Type3-PhaseNumber of Drivers6Gate TypeN-Channel MOSFETVoltage - Supply5.5 V ~ 50 VLogic Voltage - VIL, VIH0.8V, 1.5VCurrent - Peak Output (Source, Sink)-Input TypeTTLHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)35ns, 20nsOperating Temperature-40°C ~ 105°C (TA)Mounting TypeSurface MountPackage / Case28-VFQFN Exposed PadSupplier Device Package28-QFN-EP (5x5)	Manufacturer Part Number	A4919GETTR-T
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Series - Driven Configuration High-Side or Low-Side Channel Type 3-Phase Number of Drivers 6 Gate Type N-Channel MOSFET Voltage - Supply 5.5 V ~ 50 V Logic Voltage - VIL, VIH 0.8V, 1.5V Current - Peak Output (Source, Sink) - TTL High Side Voltage - Max (Bootstrap) - TTL High Side Voltage - Max (Bootstrap) 35ns, 20ns Operating Temperature -40°C ~ 105°C (TA) Mounting Type Surface Mount Package / Case 28-VFQFN Exposed Pad Supplier Device Package 28-QFN-EP (5x5)		PMIC - Gate Drivers
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Channel Type 3-Phase Number of Drivers 6 Gate Type N-Channel MOSFET Voltage - Supply 5.5 V ~ 50 V Logic Voltage - VIL, VIH 0.8V, 1.5V Current - Peak Output (Source, Sink) - Input Type TTL High Side Voltage - Max (Bootstrap) - Rise / Fall Time (Typ) 35ns, 20ns Operating Temperature -40°C ~ 105°C (TA) Mounting Type Surface Mount Package / Case 28-VFQFN Exposed Pad Supplier Device Package 28-QFN-EP (5x5)	Series	-
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Gate TypeN-Channel MOSFETVoltage - Supply5.5 V ~ 50 VLogic Voltage - VIL, VIH0.8V, 1.5VCurrent - Peak Output (Source, Sink)-Input TypeTTLHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)35ns, 20nsOperating Temperature-40°C ~ 105°C (TA)Mounting TypeSurface MountPackage / Case28-VFQFN Exposed PadSupplier Device Package28-QFN-EP (5x5)	Channel Type	3-Phase
Voltage - Supply Logic Voltage - VIL, VIH 0.8V, 1.5V Current - Peak Output (Source, Sink) Input Type TTL High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -40°C ~ 105°C (TA) Mounting Type Surface Mount Package / Case 28-VFQFN Exposed Pad Supplier Device Package	Number of Drivers	6
Logic Voltage - VIL, VIH Current - Peak Output (Source, Sink) Input Type TTL High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -40°C ~ 105°C (TA) Mounting Type Surface Mount Package / Case Supplier Device Package 28-QFN-EP (5x5)	Gate Type	N-Channel MOSFET
Current - Peak Output (Source, Sink) Input Type TTL High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -40°C ~ 105°C (TA) Mounting Type Surface Mount Package / Case 28-VFQFN Exposed Pad Supplier Device Package	Voltage - Supply	5.5 V ~ 50 V
Input Type High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -40°C ~ 105°C (TA) Mounting Type Surface Mount Package / Case 28-VFQFN Exposed Pad Supplier Device Package 28-QFN-EP (5x5)	Logic Voltage - VIL, VIH	0.8V, 1.5V
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Operating Temperature -40°C ~ 105°C (TA) Mounting Type Surface Mount Package / Case 28-VFQFN Exposed Pad Supplier Device Package 28-QFN-EP (5x5)	High Side Voltage - Max (Bootstrap)	-
Mounting TypeSurface MountPackage / Case28-VFQFN Exposed PadSupplier Device Package28-QFN-EP (5x5)	Rise / Fall Time (Typ)	35ns, 20ns
Package / Case 28-VFQFN Exposed Pad Supplier Device Package 28-QFN-EP (5x5)	Operating Temperature	-40°C ~ 105°C (TA)
Supplier Device Package 28-QFN-EP (5x5)	Mounting Type	Surface Mount
	Package / Case	28-VFQFN Exposed Pad
Report errors?	Supplier Device Package	28-QFN-EP (5x5)
· ·		Report errors?

A4919GETTR-T 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.

A4919GETTR-T Payment Methods





















A4919GETTR-T Shipping Methods













If you have any question about A4919GETTR-T, please do not hesitate to contact us!

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