



A4928KLPTR-T Information



For Reference Only

Part Number A4928KLPTR-T

Manufacturer Allegro MicroSystems, LLC

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

DescriptionAUTOMOTIVE HALF-BRIDGE MOSFET GA**Package**24-TSSOP (0.173", 4.40mm Width) 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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A4928KLPTR-T Specifications

Manufacturer Part NumberA4928KLPTR-TManufacturerAllegro MicroSystems, LLCCategoryIntegrated Circuits (ICs)Package24-TSSOP (0.173", 4.40mm Width) Exposed PadSeriesAutomotive, AEC-Q100Driven ConfigurationHalf-BridgeChannel TypeIndependentNumber of Drivers2Gate TypeN-Channel MOSFETVoltage - Supply5.5 V ~ 50 VLogic Voltage - VIL, VIH1.5V, 3.5VCurrent - Peak Output (Source, Sink)-Input TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)-Operating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package24-TSSOP-EP		
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Package 24-TSSOP (0.173", 4.40mm Width) Exposed Pad Series Automotive, AEC-Q100 Driven Configuration Half-Bridge Channel Type Independent Number of Drivers 2 Gate Type N-Channel MOSFET Voltage - Supply 5.5 V ~ 50 V Logic Voltage - VIL, VIH 1.5V, 3.5V Current - Peak Output (Source, Sink) - Input Type Non-Inverting High Side Voltage - Max (Bootstrap) - Rise / Fall Time (Typ) - Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 24-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 24-TSSOP-EP	Manufacturer	Allegro MicroSystems, LLC
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Driven ConfigurationHalf-BridgeChannel TypeIndependentNumber of Drivers2Gate TypeN-Channel MOSFETVoltage - Supply5.5 V ~ 50 VLogic Voltage - VIL, VIH1.5V, 3.5VCurrent - Peak Output (Source, Sink)-Input TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)-Operating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package24-TSSOP-EP	Package	24-TSSOP (0.173", 4.40mm Width) Exposed Pad
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Gate TypeN-Channel MOSFETVoltage - Supply5.5 V ~ 50 VLogic Voltage - VIL, VIH1.5V, 3.5VCurrent - Peak Output (Source, Sink)-Input TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)-Operating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package24-TSSOP-EP	Channel Type	Independent
Voltage - Supply 5.5 V ~ 50 V Logic Voltage - VIL, VIH 1.5V, 3.5V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 24-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package	Number of Drivers	2
Logic Voltage - VIL, VIH Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 24-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package	Gate Type	N-Channel MOSFET
Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 24-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package	Voltage - Supply	5.5 V ~ 50 V
Input Type Non-Inverting High Side Voltage - Max (Bootstrap) - Rise / Fall Time (Typ) - Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 24-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 24-TSSOP-EP	Logic Voltage - VIL, VIH	1.5V, 3.5V
High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 24-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package	Current - Peak Output (Source, Sink)	-
Rise / Fall Time (Typ) Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 24-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 24-TSSOP-EP	Input Type	Non-Inverting
Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 24-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 24-TSSOP-EP	High Side Voltage - Max (Bootstrap)	-
Mounting Type Surface Mount Package / Case 24-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 24-TSSOP-EP	Rise / Fall Time (Typ)	-
Package / Case 24-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 24-TSSOP-EP	Operating Temperature	-40°C ~ 150°C (TJ)
Supplier Device Package 24-TSSOP-EP	Mounting Type	Surface Mount
	Package / Case	24-TSSOP (0.173", 4.40mm Width) Exposed Pad
Report errors?	Supplier Device Package	24-TSSOP-EP
1		Report errors?

A4928KLPTR-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.

A4928KLPTR-T Payment Methods



















A4928KLPTR-T Shipping Methods













If you have any question about A4928KLPTR-T, please do not hesitate to contact us!

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