



## **A3959SLB-T Information**



For Reference Only

Part Number A3959SLB-T

Manufacturer Allegro MicroSystems, LLC Category Integrated Circuits (ICs)

PMIC - Motor Drivers, Controllers

**Description** IC MOTOR DRIVER PAR 24SOIC **Package** 24-SOIC (0.295", 7.50mm Width)

For the pricing/inventory/lead time, please contact

us

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



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## **A3959SLB-T Specifications**

Manufacturer Part Number       A3959SLB-T         Manufacturer       Allegro MicroSystems, LLC         Category       Integrated Circuits (ICs)         Package       24-SOIC (0.295", 7.50mm Width)         Series       -         Motor Type - Stepper       -         Motor Type - AC, DC       Brushed DC         Function       Driver - Fully Integrated, Control and Power Stage         Output Configuration       Half Bridge (2)         Interface       Parallel         Technology       DMOS         Step Resolution       -         Applications       General Purpose         Current - Output       3A         Voltage - Supply       4.5 V ~ 5.5 V         Voltage - Load       9.5 V ~ 50 V         Operating Temperature       -20°C ~ 150°C (TI)         Mounting Type       Surface Mount         Package / Case       24-SOIC (0.295", 7.50mm Width)         Supplier Device Package       24-SOIC	•	
Category Integrated Circuits (ICs) PMIC - Motor Drivers, Controllers  Package 24-SOIC (0.295", 7.50mm Width)  Series - Motor Type - Stepper - Motor Type - AC, DC Brushed DC  Function Driver - Fully Integrated, Control and Power Stage  Output Configuration Half Bridge (2)  Interface Parallel  Technology DMOS  Step Resolution - MOS  Step Resolution General Purpose  Current - Output 3A  Voltage - Supply 4.5 V ~ 5.5 V  Voltage - Load 9.5 V ~ 50 V  Operating Temperature -20°C ~ 150°C (TJ)  Mounting Type Surface Mount  Package / Case 24-SOIC (0.295", 7.50mm Width)	Manufacturer Part Number	A3959SLB-T
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Technology  Step Resolution  Applications  General Purpose  Current - Output  3A  Voltage - Supply  4.5 V ~ 5.5 V  Voltage - Load  9.5 V ~ 50 V  Operating Temperature  -20°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Package / Case  DMOS  General Purpose  4.5 V ~ 5.5 V  Current - Output  3A  Voltage - Supply  4.5 V ~ 5.5 V  Voltage - Load  9.5 V ~ 50 V  Operating Temperature  -20°C ~ 150°C (TJ)	Output Configuration	Half Bridge (2)
Step Resolution-ApplicationsGeneral PurposeCurrent - Output $3A$ Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Voltage - Load $9.5 \text{ V} \sim 50 \text{ V}$ Operating Temperature $-20^{\circ}\text{C} \sim 150^{\circ}\text{C}$ (TJ)Mounting TypeSurface MountPackage / Case $24\text{-SOIC}$ ( $0.295^{\circ}$ , $7.50\text{mm}$ Width)	Interface	Parallel
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Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Voltage - Load $9.5 \text{ V} \sim 50 \text{ V}$ Operating Temperature $-20^{\circ}\text{C} \sim 150^{\circ}\text{C (TJ)}$ Mounting Type $\text{Surface Mount}$ Package / Case $24\text{-SOIC } (0.295^{\circ}\text{, 7.50mm Width})$	Applications	General Purpose
Voltage - Load 9.5 V $\sim$ 50 V Operating Temperature -20°C $\sim$ 150°C (TJ) Mounting Type Surface Mount Package / Case 24-SOIC (0.295", 7.50mm Width)	Current - Output	3A
Operating Temperature -20°C ~ 150°C (TJ)  Mounting Type Surface Mount  Package / Case 24-SOIC (0.295", 7.50mm Width)	Voltage - Supply	4.5 V ~ 5.5 V
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-	Mounting Type	Surface Mount
Supplier Device Package 24-SOIC	Package / Case	24-SOIC (0.295", 7.50mm Width)
	Supplier Device Package	24-SOIC
Report errors?		Report errors?

### **A3959SLB-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.

### **A3959SLB-T Payment Methods**



















### **A3959SLB-T Shipping Methods**













If you have any question about A3959SLB-T, please do not hesitate to contact us!

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