



A3958SLBTR-T Information



For Reference Only

Part Number A3958SLBTR-T

Manufacturer Allegro MicroSystems, LLC Category Integrated Circuits (ICs)

PMIC - Motor Drivers, Controllers
IC MOTOR DRIVER PAR 24SOIC

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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A3958SLBTR-T Specifications

Manufacturer Part Number A3958SLBTR-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 Serial Technology DMOS Step Resolution - Applications General Purpose Current - Output 2A Voltage - Supply 4.5 V ~ 5.5 V Voltage - Load 20 V ~ 50 V Operating Temperature -20°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 24-SOIC (0.295", 7.50mm Width) Supplier Device Package 14-SOIC	•	
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Series-Motor Type - Stepper-Motor Type - AC, DCBrushed DCFunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (2)InterfaceSerialTechnologyDMOSStep Resolution-ApplicationsGeneral PurposeCurrent - Output2AVoltage - Supply4.5 V ~ 5.5 VVoltage - Load20 V ~ 50 VOperating Temperature-20°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case24-SOIC (0.295", 7.50mm Width)Supplier Device Package24-SOIC		PMIC - Motor Drivers, Controllers
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Motor Type - AC, DCBrushed DCFunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (2)InterfaceSerialTechnologyDMOSStep Resolution-ApplicationsGeneral PurposeCurrent - Output2AVoltage - Supply4.5 V ~ 5.5 VVoltage - Load20 V ~ 50 VOperating Temperature-20°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case24-SOIC (0.295", 7.50mm Width)Supplier Device Package24-SOIC	Series	-
Function Driver - Fully Integrated, Control and Power Stage Output Configuration Half Bridge (2) Interface Serial Technology DMOS Step Resolution - Applications General Purpose Current - Output 2A Voltage - Supply 4.5 V ~ 5.5 V Voltage - Load 20 V ~ 50 V Operating Temperature -20°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 24-SOIC (0.295", 7.50mm Width) Supplier Device Package 24-SOIC	Motor Type - Stepper	-
Output Configuration Half Bridge (2) Interface Serial Technology DMOS Step Resolution - Applications General Purpose Current - Output 2A Voltage - Supply 4.5 V ~ 5.5 V Voltage - Load 20 V ~ 50 V Operating Temperature -20°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 24-SOIC (0.295", 7.50mm Width) Supplier Device Package 24-SOIC	Motor Type - AC, DC	Brushed DC
Interface Serial Technology DMOS Step Resolution - Applications General Purpose Current - Output 2A Voltage - Supply 4.5 V ~ 5.5 V Voltage - Load 20 V ~ 50 V Operating Temperature -20°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 24-SOIC (0.295", 7.50mm Width) Supplier Device Package 24-SOIC	Function	Driver - Fully Integrated, Control and Power Stage
Technology Step Resolution Applications General Purpose Current - Output 2A Voltage - Supply Voltage - Load Operating Temperature Operating Type Surface Mount Package / Case 24-SOIC DMOS General Purpose 2A 4.5 V ~ 5.5 V 4.5 V ~ 5.5 V CUTON CU	Output Configuration	Half Bridge (2)
Step Resolution - Applications General Purpose Current - Output 2A Voltage - Supply 4.5 V ~ 5.5 V Voltage - Load 20 V ~ 50 V Operating Temperature -20°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 24-SOIC (0.295", 7.50mm Width) Supplier Device Package 24-SOIC	Interface	Serial
Applications General Purpose Current - Output 2A Voltage - Supply 4.5 V ~ 5.5 V Voltage - Load 20 V ~ 50 V Operating Temperature -20°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 24-SOIC (0.295", 7.50mm Width) Supplier Device Package 24-SOIC	Technology	DMOS
Current - Output $2A$ Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Voltage - Load $20 \text{ V} \sim 50 \text{ V}$ Operating Temperature $-20^{\circ}\text{C} \sim 150^{\circ}\text{C} \text{ (TJ)}$ Mounting TypeSurface MountPackage / Case $24\text{-SOIC} (0.295^{\circ}, 7.50 \text{mm Width})$ Supplier Device Package 24-SOIC	Step Resolution	-
Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Voltage - Load $20 \text{ V} \sim 50 \text{ V}$ Operating Temperature $-20^{\circ}\text{C} \sim 150^{\circ}\text{C}$ (TJ) Mounting Type Surface Mount Package / Case 24-SOIC (0.295", 7.50mm Width) Supplier Device Package 24-SOIC	Applications	General Purpose
Voltage - Load $20 \text{ V} \sim 50 \text{ V}$ Operating Temperature $-20^{\circ}\text{C} \sim 150^{\circ}\text{C (TJ)}$ Mounting Type Surface Mount Package / Case $24\text{-SOIC (0.295'', 7.50mm Width)}$ Supplier Device Package 24-SOIC	Current - Output	2A
Operating Temperature -20°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 24-SOIC (0.295", 7.50mm Width) Supplier Device Package 24-SOIC	Voltage - Supply	4.5 V ~ 5.5 V
Mounting Type Surface Mount Package / Case 24-SOIC (0.295", 7.50mm Width) Supplier Device Package 24-SOIC	Voltage - Load	20 V ~ 50 V
Package / Case 24-SOIC (0.295", 7.50mm Width) Supplier Device Package 24-SOIC	Operating Temperature	-20°C ~ 150°C (TJ)
Supplier Device Package 24-SOIC	Mounting Type	Surface Mount
	Package / Case	24-SOIC (0.295", 7.50mm Width)
Report errors?	Supplier Device Package	24-SOIC
		Report errors?

A3958SLBTR-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.

A3958SLBTR-T Payment Methods



















A3958SLBTR-T Shipping Methods













If you have any question about A3958SLBTR-T, please do not hesitate to contact us!

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