

A3984SLP-T

A3984SLP-T Information

	 A3984SLP-T Allegro MicroSystems, LLC Integrated Circuits (ICs) PMIC - Motor Drivers, Controllers IC MOTOR DRIVER PAR 24TSSOP 24-TSSOP (0.173", 4.40mm Width) Exposed Pad For the pricing/inventory/lead time, please contact	
For Reference Only	us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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A3984SLP-T Specifications

ManufacturerAllegro MicroSystems, LLCManufacturerIntegrated Circuits (ICs)PMIC - Motor Drivers, ControllersPackage24-TSSOP (0.173", 4.40mm Width) Exposed PadSeries-Motor Type - StepperBipolarMotor Type - AC, DC-FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (4)InterfaceStep/DirectionStep Resolution1, 1/2, 1/4, 1/16ApplicationsGeneral PurposeCurrent - Output2AVoltage - Supply3 V ~ 5.5 VVoltage - Load8 V ~ 35 VOperating Temperature-20°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package24-TSSOP-EP		
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Series-Motor Type - StepperBipolarMotor Type - AC, DC-FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (4)InterfaceStep/DirectionTechnologyDMOSStep Resolution1, 1/2, 1/4, 1/16ApplicationsGeneral PurposeCurrent - Output3 V ~ 5.5 VVoltage - Supply3 V ~ 5.5 VVoltage - Load8 V ~ 35 VOperating Temperature-20°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package24-TSSOP-EP		PMIC - Motor Drivers, Controllers
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Motor Type - AC, DC-FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (4)InterfaceStep/DirectionTechnologyDMOSStep Resolution1, 1/2, 1/4, 1/16ApplicationsGeneral PurposeCurrent - Output2AVoltage - Supply3 V ~ 5.5 VVoltage - Load8 V ~ 35 VOperating Temperature-20°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width) Exposed Pad	Series	-
FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (4)InterfaceStep/DirectionTechnologyDMOSStep Resolution1, 1/2, 1/4, 1/16ApplicationsGeneral PurposeCurrent - Output2AVoltage - Supply3 V ~ 5.5 VVoltage - Load8 V ~ 35 VOperating Temperature-20°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package24-TSSOP-EP	Motor Type - Stepper	Bipolar
Output ConfigurationHalf Bridge (4)InterfaceStep/DirectionTechnologyDMOSStep Resolution1, 1/2, 1/4, 1/16ApplicationsGeneral PurposeCurrent - Output2AVoltage - Supply3 V ~ 5.5 VVoltage - Load8 V ~ 35 VOperating Temperature-20°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package24-TSSOP-EP	Motor Type - AC, DC	-
InterfaceStep/DirectionTechnologyDMOSStep Resolution1, 1/2, 1/4, 1/16ApplicationsGeneral PurposeCurrent - Output2AVoltage - Supply3 V ~ 5.5 VVoltage - Load8 V ~ 35 VOperating Temperature-20°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package24-TSSOP-EP	Function	Driver - Fully Integrated, Control and Power Stage
TechnologyDMOSStep Resolution1, 1/2, 1/4, 1/16ApplicationsGeneral PurposeCurrent - Output2AVoltage - Supply3 V ~ 5.5 VVoltage - Load8 V ~ 35 VOperating Temperature-20°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package24-TSSOP-EP	Output Configuration	Half Bridge (4)
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Voltage - Supply3 V ~ 5.5 VVoltage - Load8 V ~ 35 VOperating Temperature-20°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package24-TSSOP-EP	Applications	General Purpose
Voltage - Load8 V ~ 35 VOperating Temperature-20°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package24-TSSOP-EP	Current - Output	2A
Operating Temperature-20°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package24-TSSOP-EP	Voltage - Supply	3 V ~ 5.5 V
Mounting TypeSurface MountPackage / Case24-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package24-TSSOP-EP	Voltage - Load	8 V ~ 35 V
Package / Case24-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package24-TSSOP-EP	Operating Temperature	-20°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
		Report errors?

A3984SLP-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 EUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

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