

# A3955SLBTR-T

uest a Quote

#### **A3955SLBTR-T Information**

	Part Number	A3955SLBTR-T	
www.helsener.com	Manufacturer	Allegro MicroSystems, LLC	Γ
	Category	Integrated Circuits (ICs) PMIC - Motor Drivers, Controllers	
	Description	IC MOTOR DRIVER PAR 16SOIC	ÿ
	Package	16-PowerSOIC (0.295", 7.50mm Width)	
-le.		For the pricing/inventory/lead time, please contact us	
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com	

## **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



### A3955SLBTR-T Specifications

Manufacturer Part NumberA3955SLBTR-TManufacturerAllegro MicroSystems, LLCCategoryIntegrated Circuits (ICs)PackagePMIC - Motor Drivers, ControllersPackage16-PowerSOIC (0.295", 7.50mm Width)Series-Motor Type - StepperBipolarMotor Type - AC, DC-FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (2)InterfaceParallelStepsesolution1, 1/2, 1/4, 1/8ApplicationsGeneral PurposeVoltage - Supply4,5 V ~ 5,5 VVoltage - Supply4,5 V ~ 5,0 VOperating Temperature-0°C ~ 150°C (TJ)Mouning TypeSurface MountPackage / Case6-OwerSOIC (0.295", 7.50mm Width)Suppler Device Package16-SOIC	_			
CategoryIntegrated Circuits (ICs)PackageIntegrated Circuits (Cos)Package16-PowerSOIC (0.295", 7.50mm Width)Series-Motor Type - StepperBipolarMotor Type - AC, DC-FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (2)InterfaceParallelTechnologyBipolarStep Resolution1, 1/2, 1/4, 1/8ApplicationsGeneral PurposeCurrent - Output1.5AVoltage - Supply4.5 V ~ 5.5 VVoltage Load4.5 V ~ 50 VOperating Temperature-20°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case16-PowerSOIC (0.295", 7.50mm Width)	Manufacturer Part Number	A3955SLBTR-T		
PMIC - Motor Drivers, ControllersPackage16-PowerSOIC (0.295", 7.50mm Width)Series-Motor Type - StepperBipolarMotor Type - AC, DC-FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (2)InterfaceParallelTechnologyBipolarStep Resolution1, 1/2, 1/4, 1/8ApplicationsGeneral PurposeCurrent - Output1.5AVoltage - Supply4.5 V ~ 5.5 VVoltage - Load4.5 V ~ 50 VOperating Temperature-0°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case16-PowerSOIC (0.295", 7.50mm Width)	Manufacturer	Allegro MicroSystems, LLC		
Package16-PowerSOIC (0.295", 7.50mm Width)Series-Motor Type - StepperBipolarMotor Type - AC, DC-FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (2)InterfaceParallelTechnologyBipolarStep Resolution1,1/2,1/4,1/8ApplicationsGeneral PurposeVoltage - Supply4.5 V ~ 5.5 VVoltage - Load4.5 V ~ 5.0 °C (TJ)Mounting TypeSurface MountPackage / Case16-PowerSOIC (0.295", 7.50mm Width)Supplier Device Package16-SOIC	Category	Integrated Circuits (ICs)		
Series.Motor Type - StepperBipolarMotor Type - AC, DC.FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (2)InterfaceParallelTechnologyBipolarStep Resolution1, 1/2, 1/4, 1/8ApplicationsGeneral PurposeCurrent - Output1,5AVoltage - Load4,5 V ~ 5.5 VVoltage - Load- 20°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case16-PowerSOIC (0.295", 7.50mm Width)Supplier Device Package16-SOIC		PMIC - Motor Drivers, Controllers		
Motor Type - StepperBipolarMotor Type - AC, DC-FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (2)InterfaceParallelTechnologyBipolarStep Resolution1, 1/2, 1/4, 1/8ApplicationsGeneral PurposeCurrent - Output1.5AVoltage - Supply4.5 V ~ 5.5 VVoltage - Load-20°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case16-PowerSOIC (0.295", 7.50mm Width)Supplier Device Package16-SOIC	Package	16-PowerSOIC (0.295", 7.50mm Width)		
Motor Type - AC, DC-FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (2)InterfaceParallelTechnologyBipolarStep Resolution1, 1/2, 1/4, 1/8ApplicationsGeneral PurposeCurrent - Output1.5AVoltage - Supply4.5 V ~ 5.5 VVoltage - Load-20°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case16-PowerSOIC (0.295", 7.50mm Width)Supplier Device Package16-SOIC	Series	-		
FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (2)InterfaceParallelTechnologyBipolarStep Resolution1, 1/2, 1/4, 1/8ApplicationsGeneral PurposeCurrent - Output1.5AVoltage - Supply4.5 V ~ 5.5 VVoltage - Load-20°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case16-PowerSOIC (0.295", 7.50mm Width)Supplier Device Package16-SOIC	Motor Type - Stepper	Bipolar		
Output ConfigurationHalf Bridge (2)InterfaceParallelTechnologyBipolarStep Resolution1, 1/2, 1/4, 1/8ApplicationsGeneral PurposeCurrent - Output1.5AVoltage - Supply4.5 V ~ 5.5 VVoltage - Load20°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case16-PowerSOIC (0.295", 7.50mm Width)Supplier Device Package16-SOIC	Motor Type - AC, DC	-		
InterfaceParallelTechnologyBipolarStep Resolution1,1/2,1/4,1/8ApplicationsGeneral PurposeCurrent - Output1.5AVoltage - Supply4.5 V ~ 5.5 VVoltage - Load4.5 V ~ 50 VOperating Temperature-20°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case16-PowerSOIC (0.295", 7.50mm Width)Supplier Device Package16-SOIC	Function	Driver - Fully Integrated, Control and Power Stage		
TechnologyBipolarStep Resolution1, 1/2, 1/4, 1/8ApplicationsGeneral PurposeCurrent - Output1.5AVoltage - Supply4.5 V ~ 5.5 VVoltage - Load4.5 V ~ 50 VOperating Temperature-20°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case16-PowerSOIC (0.295", 7.50mm Width)Supplier Device Package16-SOIC	Output Configuration	Half Bridge (2)		
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Voltage - Supply4.5 V ~ 5.5 VVoltage - Load4.5 V ~ 50 VOperating Temperature-20°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case16-PowerSOIC (0.295", 7.50mm Width)Supplier Device Package16-SOIC	Applications	General Purpose		
Voltage - Load4.5 V ~ 50 VOperating Temperature-20°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case16-PowerSOIC (0.295", 7.50mm Width)Supplier Device Package16-SOIC	Current - Output	1.5A		
Operating Temperature-20°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case16-PowerSOIC (0.295", 7.50mm Width)Supplier Device Package16-SOIC	Voltage - Supply	4.5 V ~ 5.5 V		
Mounting TypeSurface MountPackage / Case16-PowerSOIC (0.295", 7.50mm Width)Supplier Device Package16-SOIC	Voltage - Load	4.5 V ~ 50 V		
Package / Case16-PowerSOIC (0.295", 7.50mm Width)Supplier Device Package16-SOIC	Operating Temperature	-20°C ~ 150°C (TJ)		
Supplier Device Package 16-SOIC	Mounting Type	Surface Mount		
	Package / Case	16-PowerSOIC (0.295", 7.50mm Width)		
	Supplier Device Package	16-SOIC		
Report error			Report errors?	

#### **A3955SLBTR-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

#### **Service Guarantees**

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

#### A3955SLBTR-T Payment Methods





If you have any question about A3955SLBTR-T, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com