

A5977GLPTR-T

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A5977GLPTR-T Information

		Part Number	A5977GLPTR-T	
	internet	Manufacturer	Allegro MicroSystems, LLC	
		Category	Integrated Circuits (ICs) PMIC - Motor Drivers, Controllers	
	The subbility	Description	MICROSTEPPING DMOS DRIVER WITH T	1121123
	ALLER	Package	28-TSSOP (0.173", 4.40mm Width) Exposed Pad	
			For the pricing/inventory/lead time, please contact us	
	For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quo

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A5977GLPTR-T Specifications

Manufacturer Allegro MicroSystems, LLC Category Integrated Circuits (ICs) PMIC - Motor Drivers, Controllers PMIC - Motor Drivers, Controllers Package 28-TSSOP (0.173", 4.40mm Width) Exposed Pad Series - Motor Type - Stepper Bipolar Motor Type - AC, DC - Function Driver - Fully Integrated, Control and Power Stage Output Configuration Half Bridge (4) Interface Step/Direction Step Resolution 1, 1/2, 1/4, 1/8 Applications General Purpose Current - Output 3 V ~ 5.5 V Voltage - Load 8 V ~ 40 V Operating Temperature 40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 28-TSSOP (0.173", 4.40mm Width) Exposed Pad		
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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, 1/8ApplicationsGeneral PurposeCurrent - Output2.8AVoltage - Supply3 V ~ 5.5 VVoltage - Load8 V ~ 40 VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-TSSOP-EP	Series	-
FunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (4)InterfaceStep/DirectionTechnologyDMOSStep Resolution1, 1/2, 1/4, 1/8ApplicationsGeneral PurposeCurrent - Output2.8AVoltage - Supply3 V ~ 5.5 VVoltage - Load8 V ~ 40 VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-TSSOP-EP	Motor Type - Stepper	Bipolar
Output ConfigurationHalf Bridge (4)InterfaceStep/DirectionTechnologyDMOSStep Resolution1, 1/2, 1/4, 1/8ApplicationsGeneral PurposeCurrent - Output2.8AVoltage - Supply3 V ~ 5.5 VVoltage - Load8 V ~ 40 VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-TSSOP-EP	Motor Type - AC, DC	-
InterfaceStep/DirectionTechnologyDMOSStep Resolution1, 1/2, 1/4, 1/8ApplicationsGeneral PurposeCurrent - Output2.8AVoltage - Supply3 V ~ 5.5 VVoltage - Load8 V ~ 40 VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-TSSOP-EP	Function	Driver - Fully Integrated, Control and Power Stage
TechnologyDMOSStep Resolution1, 1/2, 1/4, 1/8ApplicationsGeneral PurposeCurrent - Output2.8AVoltage - Supply3 V ~ 5.5 VVoltage - Load8 V ~ 40 VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-TSSOP-EP	Output Configuration	Half Bridge (4)
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Voltage - Load8 V ~ 40 VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-TSSOP-EP	Current - Output	2.8A
Operating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-TSSOP-EP	Voltage - Supply	3 V ~ 5.5 V
Mounting TypeSurface MountPackage / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-TSSOP-EP	Voltage - Load	8 V ~ 40 V
Package / Case28-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package28-TSSOP-EP	Operating Temperature	-40°C ~ 150°C (TJ)
Supplier Device Package 28-TSSOP-EP	Mounting Type	Surface Mount
	Package / Case	28-TSSOP (0.173", 4.40mm Width) Exposed Pad
Report errors?	Supplier Device Package	28-TSSOP-EP
		Report errors?

A5977GLPTR-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.

A5977GLPTR-T Payment Methods





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