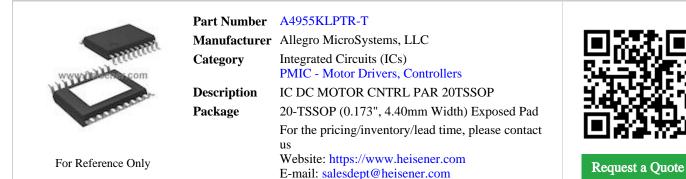


A4955KLPTR-T

A4955KLPTR-T Information



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.



A4955KLPTR-T Specifications

ManufacturerAllegro MicroSystems, LLCCategoryIntegrated Circuits (ICs)PMIC - Motor Drivers, ControllersPackage20-TSSOP (0.173", 4.40mm Width) Exposed PadSeriesAutomotive, AEC-Q100Motor Type - Stepper-Motor Type - AC, DCBrushed DCFunctionController - Commutation, Direction ManagementOutput ConfigurationPre-Driver - Half Bridge (2)InterfaceParallelTechnologyNMOSStep Resolution-ApplicationsGeneral PurposeCurrent - Output-Voltage - Supply5.5 V ~ 50 VVoltage - Load-Operating Temperature40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed Pad		
CategoryIntegrated Circuits (ICs)PMIC - Motor Drivers, ControllersPackage20-TSSOP (0.173", 4.40mm Width) Exposed PadSeriesAutomotive, AEC-Q100Motor Type - Stepper-Motor Type - AC, DCBrushed DCFunctionController - Commutation, Direction ManagementOutput ConfigurationPre-Driver - Half Bridge (2)InterfaceParallelTechnologyMMOSStep Resolution-ApplicationsGeneral PurposeCurrent - Output-Voltage - Supply5.5 V ~ 50 VVoltage - Load-Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-TSSOP (0.173", 4.40mm Width) Exposed Pad	Manufacturer Part Number	A4955KLPTR-T
PMIC - Motor Drivers, ControllersPackage20-TSSOP (0.173", 4.40mm Width) Exposed PadSeriesAutomotive, AEC-Q100Motor Type - Stepper-Motor Type - AC, DCBrushed DCFunctionController - Commutation, Direction ManagementOutput ConfigurationPre-Driver - Half Bridge (2)InterfaceParallelTechnologyNMOSStep Resolution-ApplicationsGeneral PurposeCurrent - Output-Voltage - Supply5.5 V ~ 50 VVoltage - Load-Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-TSSOP-EP	Manufacturer	Allegro MicroSystems, LLC
Package20-TSSOP (0.173", 4.40mm Width) Exposed PadSeriesAutomotive, AEC-Q100Motor Type - Stepper-Motor Type - AC, DCBrushed DCFunctionController - Commutation, Direction ManagementOutput ConfigurationPre-Driver - Half Bridge (2)InterfaceParallelTechnologyNMOSStep Resolution-ApplicationsGeneral PurposeCurrent - Output-Voltage - Supply5.5 V ~ 50 VVoltage - Load-Operating Temperature40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-TSSOP-EP	Category	Integrated Circuits (ICs)
SeriesAutomotive, AEC-Q100Motor Type - Stepper-Motor Type - AC, DCBrushed DCFunctionController - Commutation, Direction ManagementOutput ConfigurationPre-Driver - Half Bridge (2)InterfaceParallelTechnologyNMOSStep Resolution-ApplicationsGeneral PurposeCurrent - Output-Voltage - Supply5.5 V ~ 50 VVoltage - Load-Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-TSSOP-EP		PMIC - Motor Drivers, Controllers
Motor Type - Stepper-Motor Type - AC, DCBrushed DCFunctionController - Commutation, Direction ManagementOutput ConfigurationPre-Driver - Half Bridge (2)InterfaceParallelTechnologyNMOSStep Resolution-ApplicationsGeneral PurposeCurrent - Output-Voltage - Supply5.5 V ~ 50 VVoltage - Load-Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed Pad	Package	20-TSSOP (0.173", 4.40mm Width) Exposed Pad
Motor Type - AC, DCBrushed DCFunctionController - Commutation, Direction ManagementOutput ConfigurationPre-Driver - Half Bridge (2)InterfaceParallelTechnologyNMOSStep Resolution-ApplicationsGeneral PurposeCurrent - Output-Voltage - Supply5.5 V ~ 50 VVoltage - Load-Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed Pad	Series	Automotive, AEC-Q100
FunctionController - Commutation, Direction ManagementOutput ConfigurationPre-Driver - Half Bridge (2)InterfaceParallelTechnologyNMOSStep Resolution-ApplicationsGeneral PurposeCurrent - Output-Voltage - Supply5.5 V ~ 50 VVoltage - Load-Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-TSSOP-EP	Motor Type - Stepper	-
Output ConfigurationPre-Driver - Half Bridge (2)InterfaceParallelTechnologyNMOSStep Resolution-ApplicationsGeneral PurposeCurrent - Output-Voltage - Supply5.5 V ~ 50 VVoltage - Load-Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-TSSOP-EP	Motor Type - AC, DC	Brushed DC
InterfaceParallelTechnologyNMOSStep Resolution-ApplicationsGeneral PurposeCurrent - Output-Voltage - Supply5.5 V ~ 50 VVoltage - Load-Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-TSSOP-EP	Function	Controller - Commutation, Direction Management
TechnologyNMOSStep Resolution-ApplicationsGeneral PurposeCurrent - Output-Voltage - Supply5.5 V ~ 50 VVoltage - Load-Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-TSSOP-EP	Output Configuration	Pre-Driver - Half Bridge (2)
Step Resolution-ApplicationsGeneral PurposeCurrent - Output-Voltage - Supply5.5 V ~ 50 VVoltage - Load-Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-TSSOP-EP	Interface	Parallel
ApplicationsGeneral PurposeCurrent - Output-Voltage - Supply5.5 V ~ 50 VVoltage - Load-Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-TSSOP-EP	Technology	NMOS
Current - Output-Voltage - Supply5.5 V ~ 50 VVoltage - Load-Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-TSSOP-EP	Step Resolution	-
Voltage - Supply5.5 V ~ 50 VVoltage - Load-Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-TSSOP-EP	Applications	General Purpose
Voltage - Load-Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-TSSOP-EP	Current - Output	-
Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-TSSOP-EP	Voltage - Supply	5.5 V ~ 50 V
Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-TSSOP-EP	Voltage - Load	-
Package / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-TSSOP-EP	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package 20-TSSOP-EP	Mounting Type	Surface Mount
	Package / Case	20-TSSOP (0.173", 4.40mm Width) Exposed Pad
Report errors?	Supplier Device Package	20-TSSOP-EP
		Report errors?

A4955KLPTR-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.

A4955KLPTR-T Payment Methods





If you have any question about A4955KLPTR-T, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com