

### L9925 Information



For Reference Only

Part Number L9925

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)

PMIC - Motor Drivers, Controllers

**Description** IC MOTOR DRIVER PAR 28SO **Package** 28-SOIC (0.295", 7.50mm Width)

For the pricing/inventory/lead time, please contact

us

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# **L9925 Specifications**

Manufacturer Part Number         L9925           Manufacturer         STMicroelectronics           Category         Integrated Circuits (ICs)           Package         28-SOIC (0.295", 7.50mm Width)           Series         -           Motor Type - Stepper         Bipolar           Motor Type - AC, DC         Brushed DC           Function         Driver - Fully Integrated, Control and Power Stage           Output Configuration         Half Bridge (4)           Interface         Parallel           Technology         BiCDMOS           Step Resolution         -           Applications         General Purpose           Current - Output         1.2A           Voltage - Supply         9 V ~ 16 V           Voltage - Load         9 V ~ 16 V           Operating Temperature         -40°C ~ 150°C (TJ)           Mounting Type         Surface Mount           Package / Case         28-SOIC (0.295", 7.50mm Width)           Supplier Device Package         28-SO		
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Package 28-SOIC (0.295", 7.50mm Width)  Series -  Motor Type - Stepper Bipolar  Motor Type - AC, DC Brushed DC  Function Driver - Fully Integrated, Control and Power Stage  Output Configuration Half Bridge (4)  Interface Parallel  Technology BiCDMOS  Step Resolution -  Applications General Purpose  Current - Output 1.2A  Voltage - Supply 9 V ~ 16 V  Voltage - Load 9 V ~ 16 V  Operating Temperature -40°C ~ 150°C (TJ)  Mounting Type Surface Mount  Package / Case 28-SOIC (0.295", 7.50mm Width)  Supplier Device Package 28-SOI	Manufacturer	STMicroelectronics
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Series-Motor Type - StepperBipolarMotor Type - AC, DCBrushed DCFunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (4)InterfaceParallelTechnologyBiCDMOSStep Resolution-ApplicationsGeneral PurposeCurrent - Output $1.2A$ Voltage - Supply $9 V \sim 16 V$ Voltage - Load $9 V \sim 16 V$ Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C} \text{ (TJ)}$ Mounting TypeSurface MountPackage / Case $28-\text{SOIC } (0.295^{\circ}, 7.50 \text{mm Width})$ Supplier Device Package $28-\text{SOI}$		PMIC - Motor Drivers, Controllers
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Function Driver - Fully Integrated, Control and Power Stage Output Configuration Half Bridge (4) Interface Parallel Technology BiCDMOS Step Resolution - Applications General Purpose Current - Output 1.2A Voltage - Supply 9 V ~ 16 V Voltage - Load 9 V ~ 16 V Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SO	Motor Type - Stepper	Bipolar
Output Configuration Half Bridge (4)  Interface Parallel  Technology BiCDMOS  Step Resolution - Applications General Purpose  Current - Output 1.2A  Voltage - Supply 9 V ~ 16 V  Voltage - Load 9 V ~ 16 V  Operating Temperature -40°C ~ 150°C (TJ)  Mounting Type Surface Mount  Package / Case 28-SOIC (0.295", 7.50mm Width)  Supplier Device Package 28-SO	Motor Type - AC, DC	Brushed DC
Interface Parallel Technology BiCDMOS Step Resolution - Applications General Purpose Current - Output 1.2A Voltage - Supply 9 V ~ 16 V Voltage - Load 9 V ~ 16 V Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SO	Function	Driver - Fully Integrated, Control and Power Stage
Technology  Step Resolution  Applications  General Purpose  Current - Output  1.2A  Voltage - Supply  Voltage - Load  Operating Temperature  40°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Package / Case  28-SOIC (0.295", 7.50mm Width)  Supplier Device Package	Output Configuration	Half Bridge (4)
Step Resolution - Applications General Purpose  Current - Output 1.2A  Voltage - Supply 9 V ~ 16 V  Voltage - Load 9 V ~ 16 V  Operating Temperature -40°C ~ 150°C (TJ)  Mounting Type Surface Mount  Package / Case 28-SOIC (0.295", 7.50mm Width)  Supplier Device Package 28-SO	Interface	Parallel
Applications  General Purpose  Current - Output  1.2A  Voltage - Supply  9 V ~ 16 V  Voltage - Load  9 V ~ 16 V  Operating Temperature  -40°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Package / Case  28-SOIC (0.295", 7.50mm Width)  Supplier Device Package	Technology	BiCDMOS
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Voltage - Supply $9 \text{ V} \sim 16 \text{ V}$ Voltage - Load $9 \text{ V} \sim 16 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$ (TJ) Mounting Type Surface Mount Package / Case $28\text{-SOIC}$ (0.295", 7.50mm Width) Supplier Device Package $28\text{-SOI}$	Applications	General Purpose
Voltage - Load $9 \text{ V} \sim 16 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$ (TJ)  Mounting Type Surface Mount  Package / Case $28\text{-SOIC}$ (0.295", 7.50mm Width)  Supplier Device Package $28\text{-SOIC}$	Current - Output	1.2A
Operating Temperature -40°C ~ 150°C (TJ)  Mounting Type Surface Mount  Package / Case 28-SOIC (0.295", 7.50mm Width)  Supplier Device Package 28-SO	Voltage - Supply	9 V ~ 16 V
Mounting Type Surface Mount Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SO	Voltage - Load	9 V ~ 16 V
Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SO	Operating Temperature	-40°C ~ 150°C (TJ)
Supplier Device Package 28-SO	Mounting Type	Surface Mount
	Package / Case	28-SOIC (0.295", 7.50mm Width)
Report errors?	Supplier Device Package	28-SO
		Report errors?

### L9925 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.

# L9925 Payment Methods



















# L9925 Shipping Methods













If you have any question about L9925, please do not hesitate to contact us!

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