



Z0109MN 5AA4 Information



For Reference Only

Part Number Z0109MN 5AA4

Manufacturer STMicroelectronics

Category Discrete Semiconductor Products

Thyristors - TRIACs

Description TRIAC SENS GATE 600V 1A SOT223

Package TO-261-4, TO-261AA

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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Certified Quality

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Z0109MN 5AA4 Specifications

Manufacturer Part NumberZ0109MN 5AA4ManufacturerSTMicroelectronicsCategoryDiscrete Semiconductor ProductsThyristors - TRIACsPackageTO-261-4, TO-261AASeries-Triac TypeLogic - Sensitive GateVoltage - Off State600VCurrent - On State (It (RMS)) (Max)1AVoltage - Gate Trigger (Vgt) (Max)1.3VCurrent - Non Rep. Surge 50, 60Hz (Itsm)8A, 8.5ACurrent - Hold (Ih) (Max)10mACurrent - Hold (Ih) (Max)10mAConfigurationSingleOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223Report errors?		
Category Discrete Semiconductor Products Thyristors - TRIACs Package TO-261-4, TO-261AA Series - Triac Type Logic - Sensitive Gate Voltage - Off State 600V Current - On State (It (RMS)) (Max) 1A Voltage - Gate Trigger (Vgt) (Max) 1.3V Current - Non Rep. Surge 50, 60Hz (Itsm) 8A, 8.5A Current - Gate Trigger (Igt) (Max) 10mA Current - Hold (Ih) (Max) 10mA Configuration Single Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA Supplier Device Package	Manufacturer Part Number	Z0109MN 5AA4
Thyristors - TRIACs Package TO-261-4, TO-261AA Series - Triac Type Logic - Sensitive Gate Voltage - Off State 600V Current - On State (It (RMS)) (Max) 1A Voltage - Gate Trigger (Vgt) (Max) 1.3V Current - Non Rep. Surge 50, 60Hz (Itsm) 8A, 8.5A Current - Gate Trigger (Igt) (Max) 10mA Current - Hold (Ih) (Max) 10mA Configuration Single Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA Supplier Device Package	Manufacturer	STMicroelectronics
Package TO-261-4, TO-261AA Series - Triac Type Logic - Sensitive Gate Voltage - Off State 600V Current - On State (It (RMS)) (Max) 1A Voltage - Gate Trigger (Vgt) (Max) 1.3V Current - Non Rep. Surge 50, 60Hz (Itsm) 8A, 8.5A Current - Gate Trigger (Igt) (Max) 10mA Current - Hold (Ih) (Max) 10mA Configuration Single Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA Supplier Device Package	Category	Discrete Semiconductor Products
Series Triac Type Logic - Sensitive Gate Voltage - Off State Current - On State (It (RMS)) (Max) Voltage - Gate Trigger (Vgt) (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) Current - Gate Trigger (Igt) (Max) Current - Gate Trigger (Igt) (Max) Current - Hold (Ih) (Max) Current - Hold (Ih) (Max) Configuration Single Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA Supplier Device Package		Thyristors - TRIACs
Triac Type Voltage - Off State Current - On State (It (RMS)) (Max) Voltage - Gate Trigger (Vgt) (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) 8A, 8.5A Current - Gate Trigger (Igt) (Max) 10mA Current - Hold (Ih) (Max) Configuration Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA Supplier Device Package	Package	TO-261-4, TO-261AA
Voltage - Off State Current - On State (It (RMS)) (Max) 1A Voltage - Gate Trigger (Vgt) (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) Current - Gate Trigger (Igt) (Max) 10mA Current - Hold (Ih) (Max) 10mA Configuration Single Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA Supplier Device Package	Series	-
Current - On State (It (RMS)) (Max) Voltage - Gate Trigger (Vgt) (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) 8A, 8.5A Current - Gate Trigger (Igt) (Max) 10mA Current - Hold (Ih) (Max) 10mA Configuration Single Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA Supplier Device Package	Triac Type	Logic - Sensitive Gate
Voltage - Gate Trigger (Vgt) (Max) Current - Non Rep. Surge 50, 60Hz (Itsm) 8A, 8.5A Current - Gate Trigger (Igt) (Max) 10mA Current - Hold (Ih) (Max) 10mA Configuration Single Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA Supplier Device Package	Voltage - Off State	600V
Current - Non Rep. Surge 50, 60Hz (Itsm) 8A, 8.5A Current - Gate Trigger (Igt) (Max) 10mA Current - Hold (Ih) (Max) Configuration Single Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA Supplier Device Package	Current - On State (It (RMS)) (Max)	1A
Current - Gate Trigger (Igt) (Max) Current - Hold (Ih) (Max) Configuration Single Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA Supplier Device Package	Voltage - Gate Trigger (Vgt) (Max)	1.3V
Current - Hold (Ih) (Max) Configuration Single Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA Supplier Device Package	Current - Non Rep. Surge 50, 60Hz (Itsm)	8A, 8.5A
ConfigurationSingleOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223	Current - Gate Trigger (Igt) (Max)	10mA
Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount TO-261-4, TO-261AA Supplier Device Package SOT-223	Current - Hold (Ih) (Max)	10mA
Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA Supplier Device Package SOT-223	Configuration	Single
Package / Case TO-261-4, TO-261AA Supplier Device Package SOT-223	Operating Temperature	-40°C ~ 125°C (TJ)
Supplier Device Package SOT-223	Mounting Type	Surface Mount
	Package / Case	TO-261-4, TO-261AA
Report errors?	Supplier Device Package	SOT-223
		Report errors?

Z0109MN 5AA4 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.

Z0109MN 5AA4 Payment Methods





















Z0109MN 5AA4 Shipping Methods













If you have any question about Z0109MN 5AA4, please do not hesitate to contact us!

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