



ZSR520N8TA Information



For Reference Only

Part Number ZSR520N8TA

Manufacturer Diodes Incorporated
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

DescriptionIC REG LINEAR 5.2V 200MA 8SOPPackage8-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

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.









ZSR520N8TA Specifications

Manufacturer Part Number ZSR520N8TA Manufacturer Diodes Incorporated Category Integrated Circuits (ICs) Package 8-SOIC (0.154", 3.90mm Width) Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 20V Voltage - Output (Min/Fixed) 5.2V Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 200mA Current - Quiescent (Iq) - Current - Supply (Max) 600µA PSRR 62dB (120Hz) Control Features Over Temperature, Short Circuit Operating Temperature -55°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOP	*	
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 8-SOIC (0.154", 3.90mm Width) Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 20V Voltage - Output (Min/Fixed) 5.2V Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 200mA Current - Quiescent (Iq) - Current - Supply (Max) 600µA PSRR 62dB (120Hz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature -55°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOP	Manufacturer Part Number	ZSR520N8TA
Package 8-SOIC (0.154", 3.90mm Width) Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 20V Voltage - Output (Min/Fixed) 5.2V Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 200mA Current - Quiescent (Iq) - Current - Supply (Max) 600µA PSRR 62dB (120Hz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature -55°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOP	Manufacturer	Diodes Incorporated
Package 8-SOIC (0.154", 3.90mm Width) Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 20V Voltage - Output (Min/Fixed) 5.2V Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 200mA Current - Quiescent (Iq) - Current - Supply (Max) 600μA PSRR 62dB (120Hz) Control Features Over Temperature, Short Circuit Operating Temperature -55°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOP	Category	Integrated Circuits (ICs)
Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 20V Voltage - Output (Min/Fixed) 5.2V Voltage Dropout (Max) - Current - Output 200mA Current - Quiescent (Iq) - Current - Supply (Max) 600μA PSRR 62dB (120Hz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature -55°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOP		PMIC - Voltage Regulators - Linear
Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 20V Voltage - Output (Min/Fixed) 5.2V Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 200mA Current - Quiescent (Iq) - Current - Supply (Max) 600μA PSRR 62dB (120Hz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature -55°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOP	Package	8-SOIC (0.154", 3.90mm Width)
Output TypeFixedNumber of Regulators1Voltage - Input (Max)20VVoltage - Output (Min/Fixed)5.2VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)600μAPSRR62dB (120Hz)Control Features-Protection FeaturesOver Temperature, Short CircuitOperating Temperature-55°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOP	Series	-
Number of Regulators1Voltage - Input (Max)20VVoltage - Output (Min/Fixed)5.2VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)600μAPSRR62dB (120Hz)Control Features-Protection FeaturesOver Temperature, Short CircuitOperating Temperature-55°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOP	Output Configuration	Positive
Voltage - Input (Max)20VVoltage - Output (Min/Fixed)5.2VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)600μAPSRR62dB (120Hz)Control Features-Protection FeaturesOver Temperature, Short CircuitOperating Temperature-55°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOP	Output Type	Fixed
Voltage - Output (Min/Fixed)5.2VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)600μAPSRR62dB (120Hz)Control Features-Protection FeaturesOver Temperature, Short CircuitOperating Temperature-55°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOP	Number of Regulators	1
Voltage - Output (Max)-Voltage Dropout (Max)-Current - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)600μAPSRR62dB (120Hz)Control Features-Protection FeaturesOver Temperature, Short CircuitOperating Temperature-55°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOP	Voltage - Input (Max)	20V
Voltage Dropout (Max) Current - Output 200mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 62dB (120Hz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature -55°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Voltage - Output (Min/Fixed)	5.2V
Current - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)600μAPSRR62dB (120Hz)Control Features-Protection FeaturesOver Temperature, Short CircuitOperating Temperature-55°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOP	Voltage - Output (Max)	-
Current - Quiescent (Iq)-Current - Supply (Max)600μAPSRR62dB (120Hz)Control Features-Protection FeaturesOver Temperature, Short CircuitOperating Temperature-55°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOP	Voltage Dropout (Max)	-
Current - Supply (Max)600μAPSRR62dB (120Hz)Control Features-Protection FeaturesOver Temperature, Short CircuitOperating Temperature-55°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOP	Current - Output	200mA
PSRR 62dB (120Hz) Control Features - Protection Features Over Temperature, Short Circuit Operating Temperature -55°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOP	Current - Quiescent (Iq)	-
Control Features - Over Temperature, Short Circuit Operating Temperature -55°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOP	Current - Supply (Max)	600μΑ
Protection Features Over Temperature, Short Circuit -55°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOP	PSRR	62dB (120Hz)
Operating Temperature -55°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOP	Control Features	-
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOP	Protection Features	Over Temperature, Short Circuit
Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOP	Operating Temperature	-55°C ~ 125°C
Supplier Device Package 8-SOP	Mounting Type	Surface Mount
	Package / Case	8-SOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	8-SOP
		Report errors?

ZSR520N8TA 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.

ZSR520N8TA Payment Methods



















ZSR520N8TA Shipping Methods













If you have any question about ZSR520N8TA, please do not hesitate to contact us!

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