



ST1L08SPUR Information



For Reference Only

Part Number ST1L08SPUR

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LIN POS ADJ 800MA 8DFN

Package 8-VFDFN Exposed Pad

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.









ST1L08SPUR Specifications

Manufacturer Part Number STILOSSPUR Manufacturer STMicroelectronics Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 8-VFDFN Exposed Pad Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 5.5 V Voltage - Output (Min/Fixed) 0.5 V Voltage - Output (Max) 4V Voltage Dropout (Max) 0.99 V @ 800mA Current - Output 800mA Current - Supply (Max) 10µA PSR 80dB ~ 50dB (100Hz ~ 1MHz) Control Features Over Current, Over Temperature Protection Features Over Current, Over Temperature Mounting Type Surface Mount Package / Case 8 - VFDFN Exposed Pad Supplier Device Package 8-DFN (2x3)	*	
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 8-VFDFN Exposed Pad Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 0.5V Voltage - Output (Max) 4V Voltage Dropout (Max) 0.99V @ 800mA Current - Output 800mA Current - Quiescent (Iq) - Current - Supply (Max) 10μA PSRR 80dB ~ 50dB (100Hz ~ 1MHz) Control Features Enable, Power Good Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-VFDFN Exposed Pad Supplier Device Package 8-DFN (2x3)	Manufacturer Part Number	ST1L08SPUR
Package 8-VFDFN Exposed Pad Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 0.5V Voltage - Output (Max) 4V Voltage Dropout (Max) 0.09V @ 800mA Current - Output 800mA Current - Quiescent (Iq) - Current - Supply (Max) 10μA PSRR 80dB ~ 50dB (100Hz ~ 1MHz) Control Features Dver Good Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-VFDFN Exposed Pad Supplier Device Package 8-DFN (2x3)	Manufacturer	STMicroelectronics
Package 8-VFDFN Exposed Pad Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 0.5V Voltage - Output (Max) 4V Voltage Dropout (Max) 0.09V @ 800mA Current - Output 800mA Current - Quiescent (Iq) - Current - Supply (Max) 10μA PSRR 80dB ~ 50dB (100Hz ~ 1MHz) Control Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-VFDFN Exposed Pad Supplier Device Package 8-DFN (2x3)	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)0.5VVoltage - Output (Max)4VVoltage Dropout (Max)0.09V @ 800mACurrent - Output800mACurrent - Quiescent (Iq)-Current - Supply (Max)10μAPSRR80dB ~ 50dB (100Hz ~ 1MHz)Control FeaturesEnable, Power GoodProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-VFDFN Exposed PadSupplier Device Package8-DFN (2x3)		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)0.5VVoltage - Output (Max)4VVoltage Dropout (Max)0.09V @ 800mACurrent - Output800mACurrent - Quiescent (Iq)-Current - Supply (Max)10μAPSRR80dB ~ 50dB (100Hz ~ 1MHz)Control FeaturesEnable, Power GoodProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-VFDFN Exposed PadSupplier Device Package8-DFN (2x3)	Package	8-VFDFN Exposed Pad
Output TypeAdjustableNumber of Regulators1Voltage - Input (Max)5.5 VVoltage - Output (Min/Fixed)0.5 VVoltage - Output (Max)4VVoltage Dropout (Max)0.09 V @ 800mACurrent - Output800mACurrent - Quiescent (Iq)-Current - Supply (Max)10μAPSRR80dB ~ 50dB (100Hz ~ 1MHz)Control FeaturesEnable, Power GoodProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-VFDFN Exposed PadSupplier Device Package8-DFN (2x3)	Series	-
Number of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)0.5VVoltage - Output (Max)4VVoltage Dropout (Max)0.09V @ 800mACurrent - Output800mACurrent - Quiescent (Iq)-Current - Supply (Max)10μAPSRR80dB ~ 50dB (100Hz ~ 1MHz)Control FeaturesEnable, Power GoodProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-VFDFN Exposed PadSupplier Device Package8-DFN (2x3)	Output Configuration	Positive
Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)0.5VVoltage - Output (Max)4VVoltage Dropout (Max)0.09V @ 800mACurrent - Output800mACurrent - Quiescent (Iq)-Current - Supply (Max)10μAPSRR80dB ~ 50dB (100Hz ~ 1MHz)Control FeaturesEnable, Power GoodProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-VFDFN Exposed PadSupplier Device Package8-DFN (2x3)	Output Type	Adjustable
Voltage - Output (Min/Fixed)0.5 VVoltage - Output (Max)4VVoltage Dropout (Max)0.09 V @ 800 mACurrent - Output800 mACurrent - Quiescent (Iq)-Current - Supply (Max)10 μAPSRR80 dB ~ 50 dB (100 Hz ~ 1 MHz)Control FeaturesEnable, Power GoodProtection FeaturesOver Current, Over TemperatureOperating Temperature-40 °C ~ 125 °CMounting TypeSurface MountPackage / Case8-VFDFN Exposed PadSupplier Device Package8-DFN (2x3)	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) Current - Output 800mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 80dB ~ 50dB (100Hz ~ 1MHz) Control Features Enable, Power Good Protection Features Operating Temperature Operating Type Surface Mount Package / Case Supplier Device Package 8-DFN (2x3)	Voltage - Input (Max)	5.5V
Voltage Dropout (Max)0.09V @ 800mACurrent - Output800mACurrent - Quiescent (Iq)-Current - Supply (Max)10μAPSRR80dB ~ 50dB (100Hz ~ 1MHz)Control FeaturesEnable, Power GoodProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-VFDFN Exposed PadSupplier Device Package8-DFN (2x3)	Voltage - Output (Min/Fixed)	0.5V
Current - Output800mACurrent - Quiescent (Iq)-Current - Supply (Max)10μAPSRR80dB ~ 50dB (100Hz ~ 1MHz)Control FeaturesEnable, Power GoodProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-VFDFN Exposed PadSupplier Device Package8-DFN (2x3)	Voltage - Output (Max)	4V
Current - Quiescent (Iq) Current - Supply (Max) PSRR 80dB ~ 50dB (100Hz ~ 1MHz) Control Features Enable, Power Good Protection Features Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-VFDFN Exposed Pad Supplier Device Package 8-DFN (2x3)	Voltage Dropout (Max)	0.09V @ 800mA
Current - Supply (Max)10μAPSRR80dB ~ 50dB (100Hz ~ 1MHz)Control FeaturesEnable, Power GoodProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-VFDFN Exposed PadSupplier Device Package8-DFN (2x3)	Current - Output	800mA
PSRR 80dB ~ 50dB (100Hz ~ 1MHz) Control Features Enable, Power Good Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-VFDFN Exposed Pad Supplier Device Package 8-DFN (2x3)	Current - Quiescent (Iq)	-
Control Features Enable, Power Good Protection Features Over Current, Over Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-VFDFN Exposed Pad Supplier Device Package 8-DFN (2x3)	Current - Supply (Max)	10μΑ
Protection Features Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-VFDFN Exposed Pad Supplier Device Package 8-DFN (2x3)	PSRR	80dB ~ 50dB (100Hz ~ 1MHz)
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-VFDFN Exposed Pad Supplier Device Package 8-DFN (2x3)	Control Features	Enable, Power Good
Mounting Type Surface Mount Package / Case 8-VFDFN Exposed Pad Supplier Device Package 8-DFN (2x3)	Protection Features	Over Current, Over Temperature
Package / Case 8-VFDFN Exposed Pad Supplier Device Package 8-DFN (2x3)	Operating Temperature	-40°C ~ 125°C
Supplier Device Package 8-DFN (2x3)	Mounting Type	Surface Mount
	Package / Case	8-VFDFN Exposed Pad
Report errors?	Supplier Device Package	8-DFN (2x3)
		Report errors?

ST1L08SPUR 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.

ST1L08SPUR Payment Methods



















ST1L08SPUR Shipping Methods













If you have any question about ST1L08SPUR, please do not hesitate to contact us!

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