

ST1L08PUR

ST1L08PUR Information



Number	ST1L08PUR	
ufacturer	STMicroelectronics	
egory	Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear	
cription	IC REG LIN POS ADJ 800MA 8DFN	
kage	8-VFDFN Exposed Pad	
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	



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ST1L08PUR Specifications

Manufacturer STMicroelectronics Manufacturer STMicroelectronics Category Integrated Circuits (ICs) Package 8-VFDFN Exposed Pad 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 Fnable, Power Good Protection Features Over Current, Over Temperature Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-VFDFN Exposed Pad		
CategoryIntegrated Circuits (ICs)PackagePMIC - Voltage Regulators - LinearPackage8-VFDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)0.5VVoltage - Output (Max)0.9V @ 800mACurrent - Output800mACurrent - Output0.9V @ 800mACurrent - Quiescent (Iq)-Current - Supply (Max)10µAPSRR80dB ~ 50dB (100Hz ~ 1MHz)Portection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting Type8urface MountPackage / Case8.VFDFN Exposed PadSupplier Device Package8.DFN (2x3)	Manufacturer Part Number	ST1L08PUR
PMIC - Voltage Regulators - LinearPackage8-VFDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)0.5VVoltage - Output (Max)4VVoltage - Output (Max)0.9V @ 800mACurrent - Output800mACurrent - Output10µAPSRR80dB ~ 50dB (100Hz ~ 1MHz)Control FeaturesOver Current, Over TemperatureProtection FeaturesOver Current, Over TemperatureOperating Temperature40°C ~ 125°CMounting TypeSufface MountSupplier Device Package8-DFN (2x3)	Manufacturer	STMicroelectronics
Package8-VFDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)0.5VVoltage - Output (Max)6.9VVoltage - Output (Max)0.9V @ 800mACurrent - Output800mACurrent - Output10µAPSRR80dB ~ 50dB (100Hz ~ 1MHz)Control FeaturesFnable, Power GoodProtection FeaturesOver Current, Over TemperatureOperating Temperature40°C ~ 125°CMounting TypeSufface MountPackage / Case8-VFDFN Exposed PadSupplier Device Package8-DFN (2x3)	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)0.5VVoltage - Output (Max)4VVoltage - Output (Max)0.09V @ 800mAVoltage Dropout (Max)0.09V @ 800mACurrent - Output800mACurrent - Quiescent (Iq)-Current - Supply (Max)10µAPSRR80dB ~ 50dB (100Hz ~ 1MHz)Control FeaturesEnable, Power GoodProtection FeaturesOver Current, Over TemperatureOperating Temperature40°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 - Output (Max)0.09V @ 800mAVoltage Dropout (Max)0.09V @ 800mACurrent - Output800mACurrent - Quiescent (Iq)-Current - Supply (Max)10µAPSRR80dB ~ 50dB (100Hz ~ 1MHz)Control FeaturesOver Current, Over TemperatureOperating Temperature60°C ~ 125°CMounting TypeSurface MountPackage / Case8-VFDFN Exposed PadSupplier Device Package8-DFN (2x3)	Package	8-VFDFN Exposed Pad
Output TypeAdjustableNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)0.5VVoltage - Output (Max)4VVoltage Dropout (Max)0.09V @ 800mACurrent - Output800mACurrent - Quiescent (Iq)-Current - Supply (Max)10µAPSRR80dB ~ 50dB (100Hz ~ 1MHz)Control FeaturesOver Current, Over TemperatureOperating Temperature-Operating Temperature-Package / Case8-VFDFN Exposed PadSupplier Device Package8-DFN (2x3)	Series	-
Number of Regulators1Voltage of Regulators5.5VVoltage - 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 FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-DFN (2x3)	Output Configuration	Positive
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)	Output Type	Adjustable
Voltage - 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 Features-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-VFDFN Exposed PadSupplier Device Package8-DFN (2x3)	Number of Regulators	1
Voltage - 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)	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)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 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
PSRR80dB ~ 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 - Quiescent (Iq)	-
Control FeaturesEnable, Power GoodProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-VFDFN Exposed PadSupplier Device Package8-DFN (2x3)	Current - Supply (Max)	10μΑ
Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-VFDFN Exposed PadSupplier Device Package8-DFN (2x3)	PSRR	80dB ~ 50dB (100Hz ~ 1MHz)
Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-VFDFN Exposed PadSupplier Device Package8-DFN (2x3)	Control Features	Enable, Power Good
Mounting TypeSurface MountPackage / Case8-VFDFN Exposed PadSupplier Device Package8-DFN (2x3)	Protection Features	Over Current, Over Temperature
Package / Case8-VFDFN Exposed PadSupplier Device Package8-DFN (2x3)	Operating Temperature	$-40^{\circ}C \sim 125^{\circ}C$
Supplier Device Package8-DFN (2x3)	Mounting Type	Surface Mount
	Package / Case	8-VFDFN Exposed Pad
Report errors?	Supplier Device Package	8-DFN (2x3)
		Report errors?

ST1L08PUR 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 BUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

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ST1L08PUR Shipping Methods



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