



LD1086PUR Information



For Reference Only

Part Number LD1086PUR

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR POS ADJ 1.5A 8DFN

Package 8-VDFN 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.









LD1086PUR Specifications

Manufacturer Part Number LD1086PUR Manufacturer STMicroelectronics Category Integrated Circuits (ICs) Package 8-VDFN Exposed Pad Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 30V Voltage - Output (Min/Fixed) 1.25V Voltage - Output (Max) 28.5V Voltage Dropout (Max) 1.5A Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) 10mA PSRR 88dB (120Hz) Control Features Over Current, Over Temperature Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-VDFN Exposed Pad Supplier Device Package - Feport errors?		
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 8-VDFN Exposed Pad Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 30V Voltage - Output (Min/Fixed) 1.25V Voltage - Output (Max) 28.5V Voltage Dropout (Max) 1.5V @ 1.5A Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) 10mA PSRR 88dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-VDFN Exposed Pad Supplier Device Package -	Manufacturer Part Number	LD1086PUR
Package 8-VDFN Exposed Pad Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 30V Voltage - Output (Min/Fixed) 1.25V Voltage - Output (Max) 28.5V Voltage Dropout (Max) 1.5V @ 1.5A Current - Output (Max) 1.5A Current - Quiescent (Iq) - Current - Supply (Max) 10mA PSRR 88dB (120Hz) Control Features Over Current, Over Temperature Operating Temperature 4.0°C ~ 125°C Mounting Type Surface Mount Package / Case 8-VDFN Exposed Pad Supplier Device Package	Manufacturer	STMicroelectronics
Package 8-VDFN Exposed Pad Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 30V Voltage - Output (Min/Fixed) 1.25V Voltage - Output (Max) 28.5V Voltage Dropout (Max) 1.5A Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) 10mA PSRR 88dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-VDFN Exposed Pad Supplier Device Package -	Category	Integrated Circuits (ICs)
Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 30V Voltage - Output (Min/Fixed) 1.25V Voltage - Output (Max) 28.5V Voltage Dropout (Max) 1.5A Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) 10mA PSRR 88dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-VDFN Exposed Pad Supplier Device Package -		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)30VVoltage - Output (Min/Fixed)1.25VVoltage - Output (Max)28.5VVoltage Dropout (Max)1.5V @ 1.5ACurrent - Output1.5ACurrent - Quiescent (Iq)-Current - Supply (Max)10mAPSRR88dB (120Hz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-VDFN Exposed PadSupplier Device Package-	Package	8-VDFN Exposed Pad
Output TypeAdjustableNumber of Regulators1Voltage - Input (Max)30VVoltage - Output (Min/Fixed)1.25VVoltage - Output (Max)28.5VVoltage Dropout (Max)1.5V @ 1.5ACurrent - Output1.5ACurrent - Quiescent (Iq)-Current - Supply (Max)10mAPSRR88dB (120Hz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-VDFN Exposed PadSupplier Device Package-	Series	-
Number of Regulators1Voltage - Input (Max)30VVoltage - Output (Min/Fixed)1.25VVoltage - Output (Max)28.5VVoltage Dropout (Max)1.5V @ 1.5ACurrent - Output1.5ACurrent - Quiescent (Iq)-Current - Supply (Max)10mAPSRR88dB (120Hz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-VDFN Exposed PadSupplier Device Package-	Output Configuration	Positive
Voltage - Input (Max)30VVoltage - Output (Min/Fixed)1.25VVoltage - Output (Max)28.5VVoltage Dropout (Max)1.5V @ 1.5ACurrent - Output1.5ACurrent - Quiescent (Iq)-Current - Supply (Max)10mAPSRR88dB (120Hz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-VDFN Exposed PadSupplier Device Package-	Output Type	Adjustable
Voltage - Output (Min/Fixed) Voltage - Output (Max) 28.5V Voltage Dropout (Max) 1.5V @ 1.5A Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) 10mA PSRR 88dB (120Hz) Control Features - Voer Current, Over Temperature Operating Temperature Operating Type Surface Mount Package / Case Supplier Device Package - Use Surface Mount 8-VDFN Exposed Pad Surface Mount	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) 1.5V @ 1.5A Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) PSRR 88dB (120Hz) Control Features - Verrent - Over Current, Over Temperature Operating Temperature Operating Type Surface Mount Package / Case Supplier Device Package - Surse Supplier Device Package 28.5V 28.5V 28.5V 0.5A 0.5A	Voltage - Input (Max)	30V
Voltage Dropout (Max) Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) PSRR 88dB (120Hz) Control Features - Protection Features Operating Temperature Operating Type Mounting Type Surface Mount Package / Case Supplier Device Package - 1.5V @ 1.5A 1.5A - Control Features - Owar Owar Current, Over Temperature -40°C ~ 125°C Surface Mount 8-VDFN Exposed Pad Supplier Device Package	Voltage - Output (Min/Fixed)	1.25V
Current - Output Current - Quiescent (Iq) - Current - Supply (Max) PSRR 88dB (120Hz) Control Features - Protection Features Operating Temperature Operating Type Surface Mount Package / Case Supplier Device Package - 1.5A 1.5A 1.5A Control Features - 0wa Current, Over Temperature -40°C ~ 125°C Surface Mount 8-VDFN Exposed Pad Supplier Device Package	Voltage - Output (Max)	28.5V
Current - Quiescent (Iq) Current - Supply (Max) PSRR 88dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-VDFN Exposed Pad Supplier Device Package -	Voltage Dropout (Max)	1.5V @ 1.5A
Current - Supply (Max) PSRR 88dB (120Hz) Control Features - Protection Features Over Current, Over Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-VDFN Exposed Pad Supplier Device Package -	Current - Output	1.5A
PSRR 88dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-VDFN Exposed Pad Supplier Device Package -	Current - Quiescent (Iq)	-
Control Features - Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-VDFN Exposed Pad Supplier Device Package -	Current - Supply (Max)	10mA
Protection Features Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-VDFN Exposed Pad Supplier Device Package -	PSRR	88dB (120Hz)
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-VDFN Exposed Pad Supplier Device Package -	Control Features	-
Mounting Type Surface Mount Package / Case 8-VDFN Exposed Pad Supplier Device Package -	Protection Features	Over Current, Over Temperature
Package / Case 8-VDFN Exposed Pad Supplier Device Package -	Operating Temperature	-40°C ~ 125°C
Supplier Device Package -	Mounting Type	Surface Mount
	Package / Case	8-VDFN Exposed Pad
Report errors?	Supplier Device Package	-
		Report errors?

LD1086PUR 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.

LD1086PUR Payment Methods





















LD1086PUR Shipping Methods













If you have any question about LD1086PUR, please do not hesitate to contact us!

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