



LT1965EDD#PBF Information



For Reference Only

Part Number LT1965EDD#PBF
Manufacturer Linear Technology
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR POS ADJ 1.1A 8DFN

Package 8-WFDFN 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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Certified Quality

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LT1965EDD#PBF Specifications

Manufacturer Part Number LT1965EDD#PBF Manufacturer Linear Technology Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 8-WFDFN Exposed Pad Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 20V Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) 19.5V Voltage Dropout (Max) 0.49V @ 1.1A Current - Output 1.1A Current - Quiescent (Iq) - Current - Supply (Max) 1.1mA ~ 40mA PSRR 75dB (120Hz) Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-WFDFN Exposed Pad Supplier Device Package 8-DFN (3x3)	•	
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Package 8-WFDFN Exposed Pad Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 20V Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) 19.5V Voltage - Output (Max) 19.5V Voltage Dropout (Max) 0.49V @ 1.1A Current - Output Current - Quiescent (Iq) - Current - Supply (Max) 1.1mA ~ 40mA PSRR 75dB (120Hz) Control Features Pover Current, Over Temperature, Reverse Polarity Operating Temperature 4.0° C ~ 125° C Mounting Type Surface Mount Package / Case 8-WFDFN Exposed Pad Supplier Device Package 8-DFN (3x3)	Manufacturer	Linear Technology
Package 8-WFDFN Exposed Pad Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 20V Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) 19.5V Voltage Dropout (Max) 0.49V @ 1.1A Current - Output 1.1A Current - Quiescent (Iq) - Current - Supply (Max) 1.1mA ~ 40mA PSRR 75dB (120Hz) Control Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-WFDFN Exposed Pad Supplier Device Package 8-DFN (3x3)	Category	Integrated Circuits (ICs)
Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 20V Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) 19.5V Voltage - Output (Max) 0.49V @ 1.1A Current - Output 1.1A Current - Quiescent (Iq) - Current - Supply (Max) 1.1mA ~ 40mA PSRR 75dB (120Hz) Control Features Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature 4.0°C ~ 125°C Mounting Type Surface Mount Package / Case 8-WFDFN Exposed Pad Supplier Device Package 8-DFN (3x3)		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)20VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)19.5VVoltage Dropout (Max)0.49V @ 1.1ACurrent - Output1.1ACurrent - Quiescent (Iq)-Current - Supply (Max)1.1mA ~ 40mAPSRR75dB (120Hz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-WFDFN Exposed PadSupplier Device Package8-DFN (3x3)	Package	8-WFDFN Exposed Pad
Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 20V Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) 19.5V Voltage Dropout (Max) 0.49V @ 1.1A Current - Output 1.1A Current - Quiescent (Iq) - Current - Supply (Max) 1.1mA ~ 40mA PSRR 75dB (120Hz) Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-WFDFN Exposed Pad Supplier Device Package 8-DFN (3x3)	Series	-
Number of Regulators Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage - Output (Max) 19.5V Voltage Dropout (Max) 0.49V @ 1.1A Current - Output 1.1A Current - Quiescent (Iq) - Current - Supply (Max) 1.1mA ~ 40mA PSRR 75dB (120Hz) Control Features Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-WFDFN Exposed Pad Supplier Device Package	Output Configuration	Positive
Voltage - Input (Max) Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) 19.5V Voltage Dropout (Max) 0.49V @ 1.1A Current - Output 1.1A Current - Quiescent (Iq) - Current - Supply (Max) 1.1mA ~ 40mA PSRR 75dB (120Hz) Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-WFDFN Exposed Pad Supplier Device Package 8-DFN (3x3)	Output Type	Adjustable
Voltage - Output (Min/Fixed) Voltage - Output (Max) 19.5V Voltage Dropout (Max) 0.49V @ 1.1A Current - Output 1.1A Current - Quiescent (Iq) - Current - Supply (Max) 1.1mA ~ 40mA PSRR 75dB (120Hz) Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-WFDFN Exposed Pad Supplier Device Package 8-DFN (3x3)	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) 0.49V @ 1.1A Current - Output 1.1A Current - Quiescent (Iq) - Current - Supply (Max) 1.1mA ~ 40mA PSRR 75dB (120Hz) Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-WFDFN Exposed Pad Supplier Device Package 8-DFN (3x3)	Voltage - Input (Max)	20V
Voltage Dropout (Max) Current - Output 1.1A Current - Quiescent (Iq) - Current - Supply (Max) PSRR 75dB (120Hz) Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-WFDFN Exposed Pad Supplier Device Package 8-DFN (3x3)	Voltage - Output (Min/Fixed)	1.2V
Current - Output Current - Quiescent (Iq) Current - Supply (Max) PSRR 75dB (120Hz) Control Features Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-WFDFN Exposed Pad Supplier Device Package 8-DFN (3x3)	Voltage - Output (Max)	19.5V
Current - Quiescent (Iq) Current - Supply (Max) 1.1mA ~ 40mA PSRR 75dB (120Hz) Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-WFDFN Exposed Pad Supplier Device Package 8-DFN (3x3)	Voltage Dropout (Max)	0.49V @ 1.1A
Current - Supply (Max) 1.1mA ~ 40mA PSRR 75dB (120Hz) Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-WFDFN Exposed Pad Supplier Device Package 8-DFN (3x3)	Current - Output	1.1A
PSRR 75dB (120Hz) Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-WFDFN Exposed Pad Supplier Device Package 8-DFN (3x3)	Current - Quiescent (Iq)	-
Control Features Protection Features Over Current, Over Temperature, Reverse Polarity -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-WFDFN Exposed Pad Supplier Device Package 8-DFN (3x3)	Current - Supply (Max)	1.1mA ~ 40mA
Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case 8-WFDFN Exposed Pad Supplier Device Package 8-DFN (3x3)	PSRR	75dB (120Hz)
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-WFDFN Exposed Pad Supplier Device Package 8-DFN (3x3)	Control Features	Enable
Mounting Type Surface Mount Package / Case 8-WFDFN Exposed Pad Supplier Device Package 8-DFN (3x3)	Protection Features	Over Current, Over Temperature, Reverse Polarity
Package / Case 8-WFDFN Exposed Pad Supplier Device Package 8-DFN (3x3)	Operating Temperature	-40°C ~ 125°C
Supplier Device Package 8-DFN (3x3)	Mounting Type	Surface Mount
	Package / Case	8-WFDFN Exposed Pad
Report errors?	Supplier Device Package	8-DFN (3x3)
		Report errors?

LT1965EDD#PBF 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.

LT1965EDD#PBF Payment Methods



















LT1965EDD#PBF Shipping Methods













If you have any question about LT1965EDD#PBF, please do not hesitate to contact us!

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