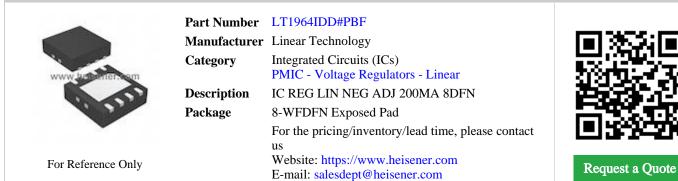


# LT1964IDD#PBF

## LT1964IDD#PBF Information



# **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.



# LT1964IDD#PBF Specifications

ManufacturerLinear TechnologyCategoryIntegrated Circuits (ICs)Package8-WFDFN Exposed PadPackage8-WFDFN Exposed PadSeries-Output ConfigurationNegativeOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)-20VVoltage - Output (Max)-20VVoltage - Output (Max)-20VVoltage - Output (Max)-20VVoltage - Output (Max)-20VVoltage Dropout (Max)049V @ 200mACurrent - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR54dB (120Hz)Control FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-0V <sup>o</sup> C ~ 125°CMounting TypeSurface MountPackage / Case8-WFDFN Exposed PadSupplier Device Package8-DFN (3x3)	_		
Action     Integrated Circuits (ICs)       Package     PMIC - Voltage Regulators - Linear       Package     8-WFDFN Exposed Pad       Series     -       Output Configuration     Negative       Output Type     Adjustable       Number of Regulators     1       Voltage - Input (Max)     -20V       Voltage - Output (Min/Fixed)     -1.22V       Voltage - Output (Max)     -20V       Voltage Dropout (Max)     0.49V @ 200mA       Current - Output     200mA       Current - Quiescent (Iq)     -       Current - Supply (Max)     -       PSRR     54dB (120Hz)       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)	Manufacturer Part Number	LT1964IDD#PBF	
PMIC - Voltage Regulators - LinearPackage8-WFDFN Exposed PadSeries-Output ConfigurationNegativeOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)-20VVoltage - Output (Min/Fixed)-1.22VVoltage - Output (Max)-20VVoltage - Output (Max)-20VVoltage - Output (Max)0.49V @ 200mACurrent - Output200mACurrent - Output-Current - Supply (Max)-PSRR54dB (120Hz)Potection FeaturesOver Current, Over Temperature, Reverse PolarityPortection Features-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-WFDFN Exposed PadSupplier Device Package8-DFN (3x3)	Manufacturer	Linear Technology	
Package8-WFDFN Exposed PadSeries-Output ConfigurationNegativeOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)-20VVoltage - Output (Min/Fixed)-1.22VVoltage - Output (Max)-20VVoltage Dropout (Max)0.49V @ 200mACurrent - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR54dB (120Hz)Control FeaturesFaableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-WFDFN Exposed PadSupplier Device Package8-DFN (3x3)	Category	Integrated Circuits (ICs)	
Series-Output ConfigurationNegativeOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)-20VVoltage - Output (Min/Fixed)1.22VVoltage - Output (Max)-20VVoltage - Output (Max)0.49V @ 200mACurrent - Output200mACurrent - Output200mACurrent - Supply (Max)-PSRR54dB (120Hz)Control FeaturesS4dB (20Hz)Protection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature40°C ~ 125°CMounting TypeSurface MountPackage / Case8-WFDFN Exposed PadSupplier Device Package8-DFN (3x3)		PMIC - Voltage Regulators - Linear	
Output ConfigurationNegativeOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)-20VVoltage - Output (Min/Fixed)1.22VVoltage - Output (Max)-20VVoltage Dropout (Max)0.49V @ 200mACurrent - Output200mACurrent - Output-Current - Supply (Max)-PSRR54dB (120Hz)Control FeaturesDover Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-DFN (3x3)	Package	8-WFDFN Exposed Pad	
Output TypeAdjustableNumber of Regulators1Voltage - Input (Max)-20VVoltage - Output (Min/Fixed)-1.22VVoltage - Output (Max)-20VVoltage Dropout (Max)0.49V @ 200mACurrent - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR54dB (120Hz)Control FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature40°C ~ 125°CMounting TypeSurface MountPackage / Case8-DFN (3x3)	Series	-	
Number of Regulators1Voltage - Input (Max)-20VVoltage - Output (Min/Fixed)-1.22VVoltage - Output (Max)-20VVoltage Dropout (Max)0.49V @ 200mACurrent - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR54dB (120Hz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-DFN (3x3)	Output Configuration	Negative	
Voltage - Input (Max)     -20V       Voltage - Output (Min/Fixed)     -1.22V       Voltage - Output (Max)     -20V       Voltage Dropout (Max)     0.49V @ 200mA       Current - Output     200mA       Current - Quiescent (Iq)     -       Current - Supply (Max)     -       PSRR     54dB (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)	Output Type	Adjustable	
Voltage - Output (Min/Fixed)-1.22VVoltage - Output (Max)-20VVoltage Dropout (Max)0.49V @ 200mACurrent - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR54dB (120Hz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-WFDFN Exposed PadSupplier Device Package8-DFN (3x3)	Number of Regulators	1	
Voltage - Output (Max)-20VVoltage Dropout (Max)0.49V @ 200mACurrent - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR54dB (120Hz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-WFDFN Exposed PadSupplier Device Package8-DFN (3x3)	Voltage - Input (Max)	-20V	
Voltage Dropout (Max)0.49V @ 200mACurrent - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR54dB (120Hz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-WFDFN Exposed PadSupplier Device Package8-DFN (3x3)	Voltage - Output (Min/Fixed)	-1.22V	
Current - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR54dB (120Hz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-WFDFN Exposed PadSupplier Device Package8-DFN (3x3)	Voltage - Output (Max)	-20V	
Current - Quiescent (Iq)-Current - Supply (Max)-PSRR54dB (120Hz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-WFDFN Exposed PadSupplier Device Package8-DFN (3x3)	Voltage Dropout (Max)	0.49V @ 200mA	
Current - Supply (Max)-PSRR54dB (120Hz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-WFDFN Exposed PadSupplier Device Package8-DFN (3x3)	Current - Output	200mA	
PSRR54dB (120Hz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-WFDFN Exposed PadSupplier Device Package8-DFN (3x3)	Current - Quiescent (Iq)	-	
Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-WFDFN Exposed PadSupplier Device Package8-DFN (3x3)	Current - Supply (Max)	-	
Protection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-WFDFN Exposed PadSupplier Device Package8-DFN (3x3)	PSRR	54dB (120Hz)	
Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-WFDFN Exposed PadSupplier Device Package8-DFN (3x3)	Control Features	Enable	
Mounting TypeSurface MountPackage / Case8-WFDFN Exposed PadSupplier Device Package8-DFN (3x3)	Protection Features	Over Current, Over Temperature, Reverse Polarity	
Package / Case8-WFDFN Exposed PadSupplier Device Package8-DFN (3x3)	Operating Temperature	$-40^{\circ}$ C ~ $125^{\circ}$ 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?

#### LT1964IDD#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 EUARANTEE

#### **Service Guarantees**

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

#### LT1964IDD#PBF Payment Methods



### LT1964IDD#PBF Shipping Methods



If you have any question about LT1964IDD#PBF, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com