



# LT3020IDD#PBF Information



For Reference Only

Part Number LT3020IDD#PBF
Manufacturer Linear Technology
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

**Description** IC REG LIN POS ADJ 100MA 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**

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.









# LT3020IDD#PBF Specifications

Manufacturer Part Number         LT3020IDD#PBF           Manufacturer         Linear Technology           Category         Integrated Circuits (ICs)           Package         8-WFDFN Exposed Pad           Series         -           Output Configuration         Positive           Output Type         Adjustable           Number of Regulators         1           Voltage - Input (Max)         10V           Voltage - Output (Min/Fixed)         0.2V           Voltage - Output (Max)         9.5 V           Voltage Dropout (Max)         0.285V @ 100mA           Current - Output         100mA           Current - Supply (Max)         250μA ~ 3.5mA           PSRR         64dB (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)           PMIC - Voltage Regulators - Linear           Package         8-WFDFN Exposed Pad           Series         -           Output Configuration         Positive           Output Type         Adjustable           Number of Regulators         1           Voltage - Input (Max)         10V           Voltage - Output (Min/Fixed)         0.2V           Voltage - Output (Max)         9.5V           Voltage Dropout (Max)         0.285V @ 100mA           Current - Output         100mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         250µA ~ 3.5mA           PSRR         64dB (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)	Manufacturer Part Number	LT3020IDD#PBF
PMIC - Voltage Regulators - LinearPackage8-WFDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)10VVoltage - Output (Min/Fixed)0.2VVoltage - Output (Max)9.5VVoltage Dropout (Max)0.285V @ 100mACurrent - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)250μA ~ 3.5mAPSRR64dB (120Hz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-WFDFN Exposed PadSupplier Device Package8-DFN (3x3)	Manufacturer	Linear Technology
Package         8-WFDFN Exposed Pad           Series         -           Output Configuration         Positive           Output Type         Adjustable           Number of Regulators         1           Voltage - Input (Max)         10V           Voltage - Output (Min/Fixed)         0.2V           Voltage - Output (Max)         9.5V           Voltage Dropout (Max)         0.285V @ 100mA           Current - Output         100mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         250µA ~ 3.5mA           PSRR         64dB (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 ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max) $10V$ Voltage - Output (Min/Fixed) $0.2V$ Voltage - Output (Max) $9.5V$ Voltage Dropout (Max) $0.285V @ 100mA$ Current - Output $100mA$ Current - Quiescent (Iq)-Current - Supply (Max) $250\mu A \sim 3.5mA$ PSRR $64dB (120Hz)$ Control Features $64dB (120Hz)$ Protection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature $40^{\circ}C \sim 125^{\circ}C$ Mounting TypeSurface MountPackage / Case $8-WFDFN Exposed Pad$ Supplier Device Package $8-DFN (3x3)$		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)10VVoltage - Output (Min/Fixed)0.2VVoltage - Output (Max)9.5VVoltage Dropout (Max)0.285V @ 100mACurrent - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)250μA ~ 3.5mAPSRR64dB (120Hz)Control Features64dB (120Hz)Protection 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 TypeAdjustableNumber of Regulators1Voltage - Input (Max)10VVoltage - Output (Min/Fixed)0.2VVoltage - Output (Max)9.5VVoltage Dropout (Max)0.285V @ 100mACurrent - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)250μA ~ 3.5mAPSRR64dB (120Hz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-WFDFN Exposed PadSupplier Device Package8-DFN (3x3)	Series	-
Number of Regulators1Voltage - Input (Max)10VVoltage - Output (Min/Fixed)0.2VVoltage - Output (Max)9.5VVoltage Dropout (Max)0.285V @ 100mACurrent - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)250μA ~ 3.5mAPSRR64dB (120Hz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-WFDFN Exposed PadSupplier Device Package8-DFN (3x3)	Output Configuration	Positive
Voltage - Input (Max)  Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Voltage - Output (Max)  9.5V  Voltage Dropout (Max)  0.285V @ 100mA  Current - Output  100mA  Current - Quiescent (Iq)  - Current - Supply (Max)  250µA ~ 3.5mA  PSRR  64dB (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)  9.5V  Voltage Dropout (Max)  0.285V @ 100mA  Current - Output  100mA  Current - Quiescent (Iq)  - Current - Supply (Max)  250μA ~ 3.5mA  PSRR  64dB (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	Number of Regulators	1
Voltage - Output (Max)  Voltage Dropout (Max)  0.285V @ 100mA  Current - Output  100mA  Current - Quiescent (Iq)  - Current - Supply (Max)  250μA ~ 3.5mA  PSRR  64dB (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	Voltage - Input (Max)	10V
Voltage Dropout (Max)0.285V @ 100mACurrent - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)250μA ~ 3.5mAPSRR64dB (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)	0.2V
Current - Output $100mA$ Current - Quiescent (Iq)-Current - Supply (Max) $250\mu A \sim 3.5mA$ PSRR $64dB (120Hz)$ Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting TypeSurface MountPackage / Case8-WFDFN Exposed PadSupplier Device Package8-DFN (3x3)	Voltage - Output (Max)	9.5V
Current - Quiescent (Iq)  Current - Supply (Max)  250μA ~ 3.5mA  PSRR  64dB (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)	0.285V @ 100mA
Current - Supply (Max)  250µA ~ 3.5mA  PSRR  64dB (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 - Output	100mA
PSRR 64dB (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)	$250\mu A \sim 3.5 mA$
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)	PSRR	64dB (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?

#### LT3020IDD#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.

### LT3020IDD#PBF Payment Methods



















# LT3020IDD#PBF Shipping Methods













If you have any question about LT3020IDD#PBF, please do not hesitate to contact us!

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