

# LT3086EDHD#PBF

#### LT3086EDHD#PBF Information



For Reference Only

Part Number LT3086EDHD#PBF
Manufacturer Linear Technology
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

**Description** IC REG LIN POS ADJ 2.1A 16DFN **Package** 16-WFDFN 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.









### LT3086EDHD#PBF Specifications

Integrated Circuits (ICs)			
Integrated Circuits (ICs)   PMIC - Voltage Regulators - Linear	Manufacturer Part Number	LT3086EDHD#PBF	
Package 16-WFDFN Exposed Pad  Series - Output Configuration Positive Output Type Adjustable Number of Regulators   Voltage - Input (Max) 40V  Voltage - Output (Min/Fixed) 0.4V  Voltage - Output (Max) 32V  Voltage Dropout (Max) 0.54V @ 2.1A  Current - Output Current - Quiescent (Iq) - Current - Supply (Max) 2.4mA ~ 88mA  PSRR 80dB (120Hz)  Control Features Over Current, Over Temperature, Reverse Polarity  Operating Temperature 40c 4c	Manufacturer	Linear Technology	
Package 16-WFDFN Exposed Pad  Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 40V Voltage - Output (Min/Fixed) 0.4V Voltage - Output (Max) 32V Voltage Dropout (Max) 0.54V @ 2.1A Current - Output 2.1A Current - Quiescent (Iq) - Current - Supply (Max) 2.4mA ~ 88mA PSRR 80dB (120Hz) Control Features Over Current, Over Temperature, Reverse Polarity Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case 16-DFN (5x4)	Category	Integrated Circuits (ICs)	
Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 40V Voltage - Output (Min/Fixed) 0.4V Voltage - Output (Min/Fixed) 32V Voltage - Output (Max) 32V Voltage Dropout (Max) 0.54V @ 2.1A Current - Output 2.1A Current - Quiescent (Iq) - Current - Supply (Max) 2.4mA ~ 88mA PSRR 80dB (120Hz) Control Features Current Limit, Enable, Power Good, Tracking Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 16-DFN (5x4)		PMIC - Voltage Regulators - Linear	
Output Configuration Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Min/Fixed) Voltage - Output (Max) 32V Voltage Dropout (Max) 0.54V @ 2.1A Current - Output 2.1A Current - Quiescent (Iq) Current - Supply (Max) 2.4mA ~ 88mA PSRR 80dB (120Hz) Control Features Current Limit, Enable, Power Good, Tracking Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case 16-WFDFN Exposed Pad Supplier Device Package	Package	16-WFDFN Exposed Pad	
Output Type Adjustable  Number of Regulators 1  Voltage - Input (Max) 40V  Voltage - Output (Min/Fixed) 0.4V  Voltage - Output (Max) 32V  Voltage Dropout (Max) 0.54V @ 2.1A  Current - Output 2.1A  Current - Quiescent (Iq) -  Current - Supply (Max) 2.4mA ~ 88mA  PSRR 80dB (120Hz)  Control Features Current Limit, Enable, Power Good, Tracking  Protection Features Over Current, Over Temperature, Reverse Polarity  Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount  Package / Case 16-DFN (5x4)	Series	-	
Number of Regulators  Voltage - Input (Max)  Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Voltage - Output (Max)  Voltage Dropout (Max)  Voltage Dropout (Max)  0.54V @ 2.1A  Current - Output  2.1A  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  80dB (120Hz)  Control Features  Current Limit, Enable, Power Good, Tracking  Protection Features  Over Current, Over Temperature, Reverse Polarity  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  16-WFDFN Exposed Pad  Supplier Device Package	Output Configuration	Positive	
Voltage - Input (Max)  Voltage - Output (Min/Fixed)  O.4V  Voltage - Output (Max)  32V  Voltage Dropout (Max)  O.54V @ 2.1A  Current - Output  2.1A  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  80dB (120Hz)  Control Features  Current Limit, Enable, Power Good, Tracking  Protection Features  Over Current, Over Temperature, Reverse Polarity  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  16-WFDFN Exposed Pad  Supplier Device Package  16-DFN (5x4)	Output Type	Adjustable	
Voltage - Output (Min/Fixed)  Voltage - Output (Max)  32V  Voltage Dropout (Max)  0.54V @ 2.1A  Current - Output  2.1A  Current - Quiescent (Iq)  - Current - Supply (Max)  2.4mA ~ 88mA  PSRR  80dB (120Hz)  Control Features  Current Limit, Enable, Power Good, Tracking  Protection Features  Over Current, Over Temperature, Reverse Polarity  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  16-WFDFN Exposed Pad  Supplier Device Package  16-DFN (5x4)	Number of Regulators	1	
Voltage - Output (Max)  Voltage Dropout (Max)  0.54V @ 2.1A  Current - Output  2.1A  Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  80dB (120Hz)  Control Features  Current Limit, Enable, Power Good, Tracking  Protection Features  Over Current, Over Temperature, Reverse Polarity  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  16-WFDFN Exposed Pad  Supplier Device Package  16-DFN (5x4)	Voltage - Input (Max)	40V	
Voltage Dropout (Max)  Current - Output  2.1A  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  80dB (120Hz)  Control Features  Current Limit, Enable, Power Good, Tracking  Protection Features  Over Current, Over Temperature, Reverse Polarity  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  16-WFDFN Exposed Pad  Supplier Device Package  16-DFN (5x4)	Voltage - Output (Min/Fixed)	0.4V	
Current - Output  Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  80dB (120Hz)  Control Features  Current Limit, Enable, Power Good, Tracking  Protection Features  Over Current, Over Temperature, Reverse Polarity  Operating Temperature  40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  16-WFDFN Exposed Pad  Supplier Device Package  16-DFN (5x4)	Voltage - Output (Max)	32V	
Current - Quiescent (Iq)  Current - Supply (Max)  2.4mA ~ 88mA  PSRR  80dB (120Hz)  Control Features  Current Limit, Enable, Power Good, Tracking  Protection Features  Over Current, Over Temperature, Reverse Polarity  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  16-WFDFN Exposed Pad  Supplier Device Package  16-DFN (5x4)	Voltage Dropout (Max)	0.54V @ 2.1A	
Current - Supply (Max)  2.4mA ~ 88mA  PSRR  80dB (120Hz)  Control Features  Current Limit, Enable, Power Good, Tracking  Protection Features  Over Current, Over Temperature, Reverse Polarity  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  16-WFDFN Exposed Pad  Supplier Device Package  16-DFN (5x4)	Current - Output	2.1A	
PSRR 80dB (120Hz)  Control Features Current Limit, Enable, Power Good, Tracking  Protection Features Over Current, Over Temperature, Reverse Polarity  Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount  Package / Case 16-WFDFN Exposed Pad  Supplier Device Package 16-DFN (5x4)	Current - Quiescent (Iq)	-	
Control Features  Current Limit, Enable, Power Good, Tracking  Protection Features  Over Current, Over Temperature, Reverse Polarity  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  16-WFDFN Exposed Pad  Supplier Device Package  16-DFN (5x4)	Current - Supply (Max)	2.4mA ~ 88mA	
Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount Package / Case 16-WFDFN Exposed Pad Supplier Device Package 16-DFN (5x4)	PSRR	80dB (120Hz)	
Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  16-WFDFN Exposed Pad  Supplier Device Package  16-DFN (5x4)	Control Features	Current Limit, Enable, Power Good, Tracking	
Mounting Type Surface Mount  Package / Case 16-WFDFN Exposed Pad  Supplier Device Package 16-DFN (5x4)	Protection Features	Over Current, Over Temperature, Reverse Polarity	
Package / Case 16-WFDFN Exposed Pad Supplier Device Package 16-DFN (5x4)	Operating Temperature	-40°C ~ 125°C	
Supplier Device Package 16-DFN (5x4)	Mounting Type	Surface Mount	
	Package / Case	16-WFDFN Exposed Pad	
Domont owners	Supplier Device Package	16-DFN (5x4)	
Report errors?			Report errors?

#### LT3086EDHD#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.

#### LT3086EDHD#PBF Payment Methods



















### LT3086EDHD#PBF Shipping Methods













If you have any question about LT3086EDHD#PBF, please do not hesitate to contact us!

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