

# LT1585ACM-1.5#PBF

#### LT1585ACM-1.5#PBF Information



Part Number	LT1585ACM-1.5#PBF	
Manufacturer	Linear Technology	
Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear	
Description	IC REG LINEAR 1.5V 5A D2PAK-3	
Package	TO-263-4, D2Pak (3 Leads + Tab), TO-263AA	
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	



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For Reference Only

## **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.



### LT1585ACM-1.5#PBF Specifications

Manufacturer Linear Technology   Category Integrated Circuits (ICs)   PMIC - Voltage Regulators - Linear   Package TO-263-4, D2Pak (3 Leads + Tab), TO-263AA   Series -   Dutput Configuration Positive   Dutput Type Fixed   Voltage - Input (Max) 7V   Voltage - Output (Max) -   Voltage - Output (Max) -   Voltage Dropout (Max) -   Current - Output 5A   Current - Quiescent (Iq) -   Current - Supply (Max) 3mA   PSRR 72dB (120Hz)   Control Features -   Protection Features Over Current, Over Temperature, Short Circuit   Operating Temperature 0°C ~ 125°C		
Category Integrated Circls (ICs)   PMIC - Voltage Regulators - Linear   Package TO-263-4, D2Pak (3 Leads + Tab), TO-263AA   Series -   Dutput Configuration Positive   Dutput Configuration Fixed   Number of Regulators 1   Voltage - Input (Max) 7V   Voltage - Output (Min/Fixed) 1.5V   Voltage - Output (Max) -   Voltage Dropout (Max) -   Current - Output 5A   Current - Quiescent (Iq) -   Current - Supply (Max) 13mA   PSRR 72dB (120Hz)   Control Features -   Protection Features Over Current, Over Temperature, Short Circuit   Operating Temperature 0°C ~ 125°C	Manufacturer Part Number	LT1585ACM-1.5#PBF
PMIC - Voltage Regulators - LinearPackageTO-263-4, D2Pak (3 Leads + Tab), TO-263AASeries-Dutput ConfigurationPositiveDutput TypeFixedNumber of Regulators1Voltage - Input (Max)7VVoltage - Output (Min/Fixed)1.5VVoltage - Output (Max)-Voltage - Output (Max)4.4V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)-Current - Supply (Max)13mAPSRR72dB (120Hz)Control Features-Protection Features0ver Current, Over Temperature, Short CircuitOperating Temperature0°C ~ 125°C	Manufacturer	Linear Technology
Package TO-263-4, D2Pak (3 Leads + Tab), TO-263AA   Series -   Output Configuration Positive   Dutput Type Fixed   Number of Regulators 1   Voltage - Input (Max) 7V   Voltage - Output (Min/Fixed) 1.5V   Voltage - Output (Max) -   Voltage Dropout (Max) -   Current - Output 5A   Current - Quiescent (Iq) -   Current - Supply (Max) 13mA   PSRR 72dB (120Hz)   Protection Features -   Over Current, Over Temperature, Short Circuit   Operating Temperature 0°C ~ 125°C	Category	Integrated Circuits (ICs)
Series-Duput ConfigurationPositiveDuput TypeFixedNumber of Regulators1Voltage - Input (Max)7VVoltage - Output (Min/Fixed)1.5VVoltage - Output (Max)-Voltage Dropout (Max)1.4V @ 5ACurrent - Output5ACurrent - Quiescent Iq)-PSRR72dB (120Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature0°C ~ 125°C		PMIC - Voltage Regulators - Linear
Duput ConfigurationPositiveDuput TypeFixedNumber of Regulators1Voltage - Input (Max)7VVoltage - Output (Min/Fixed)1.5VVoltage - Output (Max)-Voltage - Output (Max)1.4V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)13mAPSRR72dB (120Hz)Control Features-Protection Features0ver Current, Over Temperature, Short CircuitOperating Temperature0°C ~ 125°C	Package	TO-263-4, D2Pak (3 Leads + Tab), TO-263AA
Dutput Type Fixed   Sumber of Regulators 1   Voltage - Input (Max) 7V   Voltage - Output (Min/Fixed) 1.5V   Voltage - Output (Max) -   Voltage - Output (Max) 1.4V @ 5A   Current - Output 5A   Current - Quiescent (Iq) -   Current - Supply (Max) 13mA   PSRR 72dB (120Hz)   Control Features -   Protection Features Over Current, Over Temperature, Short Circuit   Operating Temperature 0°C ~ 125°C	Series	-
Number of Regulators1Number of Regulators1Voltage - Input (Max)7VVoltage - Output (Min/Fixed)1.5VVoltage - Output (Max)-Voltage - Output (Max)1.4V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)-Current - Supply (Max)13mAPSRR72dB (120Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature0°C ~ 125°C	Output Configuration	Positive
Voltage - Input (Max) 7V   Voltage - Output (Min/Fixed) 1.5V   Voltage - Output (Max) -   Voltage Dropout (Max) 1.4V @ 5A   Current - Output 5A   Current - Quiescent (Iq) -   Current - Supply (Max) 13mA   PSRR 72dB (120Hz)   Control Features Over Current, Over Temperature, Short Circuit   Poreating Temperature 0°C ~ 125°C	Output Type	Fixed
Voltage - Output (Min/Fixed)1.5VVoltage - Output (Max)-Voltage Dropout (Max)1.4V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)-Current - Supply (Max)13mAPSRR72dB (120Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature0°C ~ 125°C	Number of Regulators	1
Voltage - Output (Max)-Voltage Dropout (Max)1.4V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)-Current - Supply (Max)13mAPSRR72dB (120Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature0°C ~ 125°C	Voltage - Input (Max)	7V
Voltage Dropout (Max)1.4V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)-Current - Supply (Max)13mAPSRR72dB (120Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature0°C ~ 125°C	Voltage - Output (Min/Fixed)	1.5V
Current - Output5ACurrent - Quiescent (Iq)-Current - Supply (Max)13mAPSRR72dB (120Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature0°C ~ 125°C	Voltage - Output (Max)	-
Current - Quiescent (Iq)-Current - Supply (Max)13mAPSRR72dB (120Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature0°C ~ 125°C	Voltage Dropout (Max)	1.4V @ 5A
Current - Supply (Max)13mAPSRR72dB (120Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature0°C ~ 125°C	Current - Output	5A
PSRR72dB (120Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature0°C ~ 125°C	Current - Quiescent (Iq)	-
Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature0°C ~ 125°C	Current - Supply (Max)	13mA
Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature0°C ~ 125°C	PSRR	72dB (120Hz)
Deperating Temperature $0^{\circ}C \sim 125^{\circ}C$	Control Features	-
	Protection Features	Over Current, Over Temperature, Short Circuit
Aounting Type Surface Mount	Operating Temperature	0°C ~ 125°C
	Mounting Type	Surface Mount
Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA	Package / Case	TO-263-4, D2Pak (3 Leads + Tab), TO-263AA
Supplier Device Package D2PAK-3	Supplier Device Package	D2PAK-3
Report errors?		Report errors?

#### LT1585ACM-1.5#PBF Guarantees



**Quality Guarantees** 

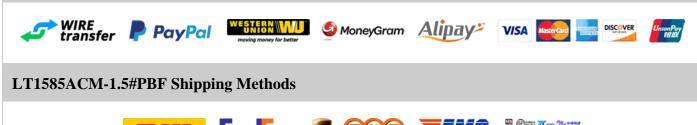
We provide 90 days warranty. \* If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.

# SERVICE BUARANTEE

#### Service Guarantees

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

#### LT1585ACM-1.5#PBF Payment Methods





If you have any question about LT1585ACM-1.5#PBF, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com