

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