

## LT1587CM#TRPBF

#### LT1587CM#TRPBF Information



For Reference Only

Part Number LT1587CM#TRPBF
Manufacturer Linear Technology
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

**Description**IC REG LINEAR POS ADJ 3A 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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## LT1587CM#TRPBF Specifications

Manufacturer Part Number         LT1587CM#TRPBF           Manufacturer         Linear Technology           Category         Integrated Circuits (ICs)           Package         TO-263-4, D2Pak (3 Leads + Tab), TO-263AA           Series         -           Output Configuration         Positive           Output Type         Adjustable           Number of Regulators         1           Voltage - Input (Max)         7V           Voltage - Output (Min/Fixed)         1.25V           Voltage - Output (Max)         5.5V           Voltage Dropout (Max)         1.3V @ 3A           Current - Output         3A           Current - Quiescent (Iq)         -           Current - Supply (Max)         10mA           PSRR         -           Control Features         Over Current, Over Temperature, Short Circuit           Operating Temperature         0°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         TO-263-4, D2Pak (3 Leads + Tab), TO-263AA           Supplier Device Package         D2PAK-3	•	
Category         Integrated Circuits (ICs)           PMIC - Voltage Regulators - Linear           Package         TO-263-4, D2Pak (3 Leads + Tab), TO-263AA           Series         -           Output Configuration         Positive           Output Type         Adjustable           Number of Regulators         1           Voltage - Input (Max)         7V           Voltage - Output (Min/Fixed)         1.25V           Voltage - Output (Max)         5.5V           Voltage Dropout (Max)         1.3V @ 3A           Current - Output         3A           Current - Quiescent (Iq)         -           Current - Supply (Max)         10mA           PSRR         -           Control Features         Over Current, Over Temperature, Short Circuit           Operating Temperature         0°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         TO-263-4, D2Pak (3 Leads + Tab), TO-263AA           Supplier Device Package         D2PAK-3	Manufacturer Part Number	LT1587CM#TRPBF
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Package TO-263-4, D2Pak (3 Leads + Tab), TO-263AA  Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 7V Voltage - Output (Min/Fixed) 1.25V Voltage - Output (Max) 5.5V Voltage Dropout (Max) 1.3V @ 3A Current - Output (Abax) 3A Current - Output (Abax) 10mA PSRR - Control Features - Control Features Over Current, Over Temperature, Short Circuit Operating Temperature O°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package D2PAK-3	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)7VVoltage - Output (Min/Fixed)1.25VVoltage - Output (Max)5.5VVoltage Dropout (Max)1.3V @ 3ACurrent - Output3ACurrent - Quiescent (Iq)-Current - Supply (Max)10mAPSRR-Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature0°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-4, D2Pak (3 Leads + Tab), TO-263AASupplier Device PackageD2PAK-3		PMIC - Voltage Regulators - Linear
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Output TypeAdjustableNumber of Regulators1Voltage - Input (Max)7VVoltage - Output (Min/Fixed)1.25VVoltage - Output (Max)5.5VVoltage Dropout (Max)1.3V @ 3ACurrent - Output3ACurrent - Quiescent (Iq)-Current - Supply (Max)10mAPSRR-Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature0°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-4, D2Pak (3 Leads + Tab), TO-263AASupplier Device PackageD2PAK-3	Series	-
Number of Regulators  Voltage - Input (Max)  Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Voltage - Output (Max)  Voltage Dropout (Max)  1.3V @ 3A  Current - Output  3A  Current - Quiescent (Iq)  Current - Supply (Max)  10mA  PSRR  - Control Features  Protection Features  Over Current, Over Temperature, Short Circuit  Operating Temperature  O°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  TO-263-4, D2Pak (3 Leads + Tab), TO-263AA  Supplier Device Package	Output Configuration	Positive
Voltage - Input (Max)  Voltage - Output (Min/Fixed)  1.25V  Voltage - Output (Max)  5.5V  Voltage Dropout (Max)  1.3V @ 3A  Current - Output  3A  Current - Quiescent (Iq)  - Current - Supply (Max)  10mA  PSRR  - Control Features  - Protection Features  Over Current, Over Temperature, Short Circuit  Operating Temperature  0°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  TO-263-4, D2Pak (3 Leads + Tab), TO-263AA  Supplier Device Package	Output Type	Adjustable
Voltage - Output (Min/Fixed)  Voltage - Output (Max)  5.5V  Voltage Dropout (Max)  1.3V @ 3A  Current - Output  3A  Current - Quiescent (Iq)  - Current - Supply (Max)  10mA  PSRR  - Control Features  Protection Features  Over Current, Over Temperature, Short Circuit  Operating Temperature  0°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  TO-263-4, D2Pak (3 Leads + Tab), TO-263AA  Supplier Device Package  D2PAK-3	Number of Regulators	1
Voltage - Output (Max)  Voltage Dropout (Max)  1.3V @ 3A  Current - Output  3A  Current - Quiescent (Iq)  - Current - Supply (Max)  10mA  PSRR  - Control Features  - Protection Features  Over Current, Over Temperature, Short Circuit  Operating Temperature  O°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  TO-263-4, D2Pak (3 Leads + Tab), TO-263AA  Supplier Device Package  D2PAK-3	Voltage - Input (Max)	7V
Voltage Dropout (Max)  Current - Output  3A  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  - Control Features  Protection Features  Over Current, Over Temperature, Short Circuit  Operating Temperature  O°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  TO-263-4, D2Pak (3 Leads + Tab), TO-263AA  Supplier Device Package  D2PAK-3	Voltage - Output (Min/Fixed)	1.25V
Current - Output  3A  Current - Quiescent (Iq)  - Current - Supply (Max)  10mA  PSRR  - Control Features  Protection Features  Over Current, Over Temperature, Short Circuit  Operating Temperature  0°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  TO-263-4, D2Pak (3 Leads + Tab), TO-263AA  Supplier Device Package  D2PAK-3	Voltage - Output (Max)	5.5V
Current - Quiescent (Iq)  Current - Supply (Max)  10mA  PSRR  - Control Features  - Protection Features  Over Current, Over Temperature, Short Circuit  Operating Temperature  0°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  TO-263-4, D2Pak (3 Leads + Tab), TO-263AA  Supplier Device Package  D2PAK-3	Voltage Dropout (Max)	1.3V @ 3A
Current - Supply (Max)  PSRR  - Control Features  - Protection Features  Over Current, Over Temperature, Short Circuit  Operating Temperature  O°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  TO-263-4, D2Pak (3 Leads + Tab), TO-263AA  Supplier Device Package  D2PAK-3	Current - Output	3A
PSRR - Control Features - Over Current, Over Temperature, Short Circuit Operating Temperature 0°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package D2PAK-3	Current - Quiescent (Iq)	-
Control Features - Over Current, Over Temperature, Short Circuit Operating Temperature 0°C ~ 125°C  Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package D2PAK-3	Current - Supply (Max)	10mA
Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature 0°C ~ 125°C  Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package D2PAK-3	PSRR	-
Operating Temperature 0°C ~ 125°C  Mounting Type Surface Mount  Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA  Supplier Device Package D2PAK-3	Control Features	-
Mounting Type Surface Mount  Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA  Supplier Device Package D2PAK-3	Protection Features	Over Current, Over Temperature, Short Circuit
Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package D2PAK-3	Operating Temperature	0°C ~ 125°C
Supplier Device Package D2PAK-3	Mounting Type	Surface Mount
	Package / Case	TO-263-4, D2Pak (3 Leads + Tab), TO-263AA
Report errors?	Supplier Device Package	D2PAK-3
		Report errors?

### LT1587CM#TRPBF 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.

### LT1587CM#TRPBF Payment Methods

































If you have any question about LT1587CM#TRPBF, please do not hesitate to contact us!

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