

LM1084IS-ADJ/NOPB

LM1084IS-ADJ/NOPB Information



For Reference Only

Part Number LM1084IS-ADJ/NOPB
Manufacturer Texas Instruments
Category Integrated Circuits (ICs)

Integrated Circuits (ICs)
PMIC - Voltage Regulators - Linear

Description IC REG LINEAR POS ADJ 5A DDPAK

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



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.









LM1084IS-ADJ/NOPB Specifications

Manufacturer Part Number LM1084IS-ADJ/NOPB Manufacturer Texas Instruments 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) 29V Voltage - Output (Min/Fixed) 1.25V Voltage - Output (Max) 27.5V Voltage Dropout (Max) 1.5V @ 5A Current - Output 5A Current - Quiescent (Iq) - Current - Supply (Max) 10mA PSRR 75dB (120Hz) Control Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA	•	
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) 29V Voltage - Output (Min/Fixed) 1.25V Voltage - Output (Max) 27.5V Voltage Dropout (Max) 1.5V @ 5A Current - Output 5A Current - Quiescent (Iq) - Current - Supply (Max) 10mA PSRR 75dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount	Manufacturer Part Number	LM1084IS-ADJ/NOPB
Package TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 29V Voltage - Output (Min/Fixed) 1.25V Voltage - Output (Max) 27.5V Voltage Dropout (Max) 1.5V @ 5A Current - Output Sapply (Max) 10mA PSRR 75dB (120Hz) Control Features Over Current, Over Temperature Operating Temperature Mounting Type Surface Mount	Manufacturer	Texas Instruments
Package TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 29V Voltage - Output (Min/Fixed) 1.25V Voltage - Output (Max) 27.5V Voltage Dropout (Max) 1.5V @ 5A Current - Output	Category	Integrated Circuits (ICs)
Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 29V Voltage - Output (Min/Fixed) 1.25V Voltage - Output (Max) 27.5V Voltage Dropout (Max) 1.5V @ 5A Current - Output 5A Current - Quiescent (Iq) - Current - Supply (Max) 10mA PSRR 75dB (120Hz) Control Features - Protection Features Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)29VVoltage - Output (Min/Fixed)1.25VVoltage - Output (Max)27.5VVoltage Dropout (Max)1.5V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)-Current - Supply (Max)10mAPSRR75dB (120Hz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface Mount	Package	TO-263-4, D2Pak (3 Leads + Tab), TO-263AA
Output TypeAdjustableNumber of Regulators1Voltage - Input (Max)29VVoltage - Output (Min/Fixed)1.25VVoltage - Output (Max)27.5VVoltage Dropout (Max)1.5V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)-Current - Supply (Max)10mAPSRR75dB (120Hz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface Mount	Series	-
Number of Regulators Voltage - Input (Max) 29V Voltage - Output (Min/Fixed) 1.25V Voltage - Output (Max) 27.5V Voltage Dropout (Max) 1.5V @ 5A Current - Output 5A Current - Quiescent (Iq) - Current - Supply (Max) 10mA PSRR 75dB (120Hz) Control Features Protection Features Operating Temperature Operating Temperature Operating Type Surface Mount	Output Configuration	Positive
Voltage - Input (Max) Voltage - Output (Min/Fixed) 1.25V Voltage - Output (Max) 27.5V Voltage Dropout (Max) 1.5V @ 5A Current - Output 5A Current - Quiescent (Iq) - Current - Supply (Max) 10mA PSRR 75dB (120Hz) Control Features Protection Features Operating Temperature Operating Type Surface Mount	Output Type	Adjustable
Voltage - Output (Min/Fixed) Voltage - Output (Max) 27.5V Voltage Dropout (Max) 1.5V @ 5A Current - Output 5A Current - Quiescent (Iq) - Current - Supply (Max) 10mA PSRR 75dB (120Hz) Control Features Protection Features Operating Temperature Operating Type 1.25V 1.	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) 1.5V @ 5A Current - Output 5A Current - Quiescent (Iq) - Current - Supply (Max) PSRR 75dB (120Hz) Control Features Over Current, Over Temperature Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount	Voltage - Input (Max)	29V
Voltage Dropout (Max) Current - Output 5A Current - Quiescent (Iq) - Current - Supply (Max) PSRR 75dB (120Hz) Control Features Protection Features Operating Temperature -40°C ~ 125°C Mounting Type 1.5V @ 5A 1.5V @ 5A 5A Current - Supply (Max) - Own -	Voltage - Output (Min/Fixed)	1.25V
Current - Output 5A Current - Quiescent (Iq) - Current - Supply (Max) 10mA PSRR 75dB (120Hz) Control Features - Protection Features Operating Temperature -40°C ~ 125°C Mounting Type 5A - Current - Output - Surface Mount	Voltage - Output (Max)	27.5V
Current - Quiescent (Iq) Current - Supply (Max) 10mA PSRR 75dB (120Hz) Control Features - Protection Features Operating Temperature Operating Type Outpublication Surface Mount Surface Mount	Voltage Dropout (Max)	1.5V @ 5A
Current - Supply (Max) PSRR 75dB (120Hz) Control Features - Protection Features Operating Temperature 40°C ~ 125°C Mounting Type 10mA 75dB (120Hz) - Ver Current, Over Temperature -40°C ~ 125°C Surface Mount	Current - Output	5A
PSRR 75dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount	Current - Quiescent (Iq)	-
Control Features - Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount	Current - Supply (Max)	10mA
Protection Features Over Current, Over Temperature $ -40^{\circ}\text{C} \sim 125^{\circ}\text{C} $ Mounting Type Surface Mount	PSRR	75dB (120Hz)
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount	Control Features	-
Mounting Type Surface Mount	Protection Features	Over Current, Over Temperature
	Operating Temperature	-40°C ~ 125°C
Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA	Mounting Type	Surface Mount
	Package / Case	TO-263-4, D2Pak (3 Leads + Tab), TO-263AA
Supplier Device Package DDPAK/TO-263-3	Supplier Device Package	DDPAK/TO-263-3
Report errors?		Report errors?

LM1084IS-ADJ/NOPB 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.

LM1084IS-ADJ/NOPB Payment Methods



















LM1084IS-ADJ/NOPB Shipping Methods













If you have any question about LM1084IS-ADJ/NOPB, please do not hesitate to contact us!

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