



LM1086ISX-1.8/NOPB Information



For Reference Only

Part Number LM1086ISX-1.8/NOPB
Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 1.8V 1.5A 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



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LM1086ISX-1.8/NOPB Specifications

Manufacturer Part Number LM1086ISX-1.8/NOPB Manufacturer Texas Instruments Category Integrated Circuits (ICs) Package TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 27V Voltage - Output (Min/Fixed) 1.8V Voltage - Output (Max) - Voltage Dropout (Max) 1.5A Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) 5mA ~ 10mA PSRR 72d8 (120Hz) Control Features Over Current, Over Temperature, Short Circuit Operating Temperature 4.0°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package DDPAK/TO-263-3	•	
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Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 27V Voltage - Output (Min/Fixed) 1.8V Voltage - Output (Min/Fixed) 1.8V Voltage - Output (Max) - Voltage Dropout (Max) 1.5V @ 1.5A Current - Output 1.5A Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) 5mA ~ 10mA PSRR 72dB (120Hz) Control Features - Voler Current, Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)27VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage Dropout (Max)1.5V @ 1.5ACurrent - Output1.5ACurrent - Quiescent (Iq)-Current - Supply (Max)5mA ~ 10mAPSRR72dB (120Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-4, D2Pak (3 Leads + Tab), TO-263AASupplier Device PackageDDPAK/TO-263-3	Package	TO-263-4, D2Pak (3 Leads + Tab), TO-263AA
Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 27V Voltage - Output (Min/Fixed) 1.8V Voltage - Output (Max) - Voltage Dropout (Max) 1.5V @ 1.5A Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) 5mA ~ 10mA PSRR 72dB (120Hz) Control Features - Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package DDPAK/TO-263-3	Series	-
Number of Regulators Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) - Voltage Dropout (Max) 1.5V @ 1.5A Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) SmA ~ 10mA PSRR 72dB (120Hz) Control Features Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package DDPAK/TO-263-3	Output Configuration	Positive
Voltage - Input (Max) Voltage - Output (Min/Fixed) 1.8V Voltage - Output (Max) - Voltage Dropout (Max) 1.5V @ 1.5A Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) PSRR 72dB (120Hz) Control Features - Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package DDPAK/TO-263-3	Output Type	Fixed
Voltage - Output (Min/Fixed) Voltage - Output (Max) - Voltage Dropout (Max) 1.5V @ 1.5A Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) 5mA ~ 10mA PSRR 72dB (120Hz) Control Features - Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package DDPAK/TO-263-3	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) 1.5V @ 1.5A Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) SmA ~ 10mA PSRR 72dB (120Hz) Control Features - Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package DDPAK/TO-263-3	Voltage - Input (Max)	27V
Voltage Dropout (Max) Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) PSRR 72dB (120Hz) Control Features - Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package DDPAK/TO-263-3	Voltage - Output (Min/Fixed)	1.8V
Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) PSRR 72dB (120Hz) Control Features - Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package DDPAK/TO-263-3	Voltage - Output (Max)	-
Current - Quiescent (Iq) Current - Supply (Max) 5mA ~ 10mA 72dB (120Hz) Control Features - Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package DDPAK/TO-263-3	Voltage Dropout (Max)	1.5V @ 1.5A
Current - Supply (Max) 5mA ~ 10mA 72dB (120Hz) Control Features - Protection Features Over Current, Over Temperature, Short Circuit -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package DDPAK/TO-263-3	Current - Output	1.5A
PSRR 72dB (120Hz) Control Features - Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package DDPAK/TO-263-3	Current - Quiescent (Iq)	-
Control Features - Over Current, Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package DDPAK/TO-263-3	Current - Supply (Max)	5mA ~ 10mA
Protection Features Over Current, Over Temperature, Short Circuit -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package DDPAK/TO-263-3	PSRR	72dB (120Hz)
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package DDPAK/TO-263-3	Control Features	-
Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package DDPAK/TO-263-3	Protection Features	Over Current, Over Temperature, Short Circuit
Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package DDPAK/TO-263-3	Operating Temperature	-40°C ~ 125°C
Supplier Device Package DDPAK/TO-263-3	Mounting Type	Surface Mount
	Package / Case	TO-263-4, D2Pak (3 Leads + Tab), TO-263AA
Report errors?	Supplier Device Package	DDPAK/TO-263-3
		Report errors?

LM1086ISX-1.8/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.

LM1086ISX-1.8/NOPB Payment Methods



















LM1086ISX-1.8/NOPB Shipping Methods













If you have any question about LM1086ISX-1.8/NOPB, please do not hesitate to contact us!

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