



LP3883ESX-1.8/NOPB Information



For Reference Only

Part Number LP3883ESX-1.8/NOPB
Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LIN 1.8V 3A DDPAK/TO263-5

Package TO-263-6, D2Pak (5 Leads + Tab), TO-263BA

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.









LP3883ESX-1.8/NOPB Specifications

Manufacturer Part Number LP3883ESX-1.8/NOPB Manufacturer Texas Instruments Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.42V @ 3A Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) 30µA ~ 8mA PSRR 80dB ~ 65dB (120Hz ~ 1kHz) Control Features Over Current, Over Temperature, Short Circuit Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package DDPAK/TO-263-5	*	
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.42V @ 3A Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) 30μA ~ 8mA PSRR 80dB ~ 65dB (120Hz ~ 1kHz) Control Features Enable Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package DDPAK/TO-263-5	Manufacturer Part Number	LP3883ESX-1.8/NOPB
PMIC - Voltage Regulators - Linear Package TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.42V @ 3A Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) 30μA ~ 8mA PSRR 80dB ~ 65dB (120Hz ~ 1kHz) Control Features Enable Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package DDPAK/TO-263-5	Manufacturer	Texas Instruments
Package TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.42V @ 3A Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) 30µA ~ 8mA PSRR 80dB ~ 65dB (120Hz ~ 1kHz) Control Features Over Current, Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package DDPAK/TO-263-5	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage Dropout (Max)0.42V @ 3ACurrent - Output3ACurrent - Quiescent (Iq)-Current - Supply (Max)30μA ~ 8mAPSRR80dB ~ 65dB (120Hz ~ 1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageDDPAK/TO-263-5		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5 VVoltage - Output (Min/Fixed)1.8 VVoltage - Output (Max)-Voltage Dropout (Max)0.42 V @ 3ACurrent - Output3ACurrent - Quiescent (Iq)-Current - Supply (Max)30μA ~ 8mAPSRR80dB ~ 65dB (120Hz ~ 1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageDDPAK/TO-263-5	Package	TO-263-6, D2Pak (5 Leads + Tab), TO-263BA
Output TypeFixedNumber of Regulators1Voltage - Input (Max)5.5 VVoltage - Output (Min/Fixed)1.8 VVoltage - Output (Max)-Voltage Dropout (Max)0.42 V @ 3ACurrent - Output3ACurrent - Quiescent (Iq)-Current - Supply (Max)30μA ~ 8mAPSRR80dB ~ 65dB (120Hz ~ 1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageDDPAK/TO-263-5	Series	-
Number of Regulators1Voltage - Input (Max)5.5 VVoltage - Output (Min/Fixed)1.8 VVoltage - Output (Max)-Voltage Dropout (Max)0.42 V @ 3ACurrent - Output3ACurrent - Quiescent (Iq)-Current - Supply (Max)30μA ~ 8mAPSRR80dB ~ 65dB (120Hz ~ 1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageDDPAK/TO-263-5	Output Configuration	Positive
Voltage - Input (Max) Voltage - Output (Min/Fixed) 1.8V Voltage - Output (Max) - Voltage Dropout (Max) Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) PSRR 80dB ~ 65dB (120Hz ~ 1kHz) Control Features Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package DDPAK/TO-263-5	Output Type	Fixed
Voltage - Output (Min/Fixed) Voltage - Output (Max) - Voltage Dropout (Max) 0.42V @ 3A Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) 30μA ~ 8mA PSRR 80dB ~ 65dB (120Hz ~ 1kHz) Control Features Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package DDPAK/TO-263-5	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) 0.42V @ 3A Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) 30μA ~ 8mA PSRR 80dB ~ 65dB (120Hz ~ 1kHz) Control Features Enable Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package DDPAK/TO-263-5	Voltage - Input (Max)	5.5V
Voltage Dropout (Max) Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) PSRR 80dB ~ 65dB (120Hz ~ 1kHz) Control Features Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package DDPAK/TO-263-5	Voltage - Output (Min/Fixed)	1.8V
Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) 30μA ~ 8mA PSRR 80dB ~ 65dB (120Hz ~ 1kHz) Control Features Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package DDPAK/TO-263-5	Voltage - Output (Max)	-
Current - Quiescent (Iq) Current - Supply (Max) 30μA ~ 8mA PSRR 80dB ~ 65dB (120Hz ~ 1kHz) Control Features Enable Protection Features Over Current, Over Temperature, Short Circuit -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package	Voltage Dropout (Max)	0.42V @ 3A
Current - Supply (Max)30μA ~ 8mAPSRR80dB ~ 65dB (120Hz ~ 1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageDDPAK/TO-263-5	Current - Output	3A
PSRR 80dB ~ 65dB (120Hz ~ 1kHz) Control Features Enable Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package DDPAK/TO-263-5	Current - Quiescent (Iq)	-
Control Features Protection Features Over Current, Over Temperature, Short Circuit -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package DDPAK/TO-263-5	Current - Supply (Max)	30μA ~ 8mA
Protection Features Over Current, Over Temperature, Short Circuit -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package DDPAK/TO-263-5	PSRR	80dB ~ 65dB (120Hz ~ 1kHz)
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package DDPAK/TO-263-5	Control Features	Enable
Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package DDPAK/TO-263-5	Protection Features	Over Current, Over Temperature, Short Circuit
Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package DDPAK/TO-263-5	Operating Temperature	-40°C ~ 125°C
Supplier Device Package DDPAK/TO-263-5	Mounting Type	Surface Mount
	Package / Case	TO-263-6, D2Pak (5 Leads + Tab), TO-263BA
Report errors?	Supplier Device Package	DDPAK/TO-263-5
		Report errors?

LP3883ESX-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.

LP3883ESX-1.8/NOPB Payment Methods



















LP3883ESX-1.8/NOPB Shipping Methods













If you have any question about LP3883ESX-1.8/NOPB, please do not hesitate to contact us!

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