

LP3962ES-1.8/NOPB

LP3962ES-1.8/NOPB Information



Part Number	LP3962ES-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-263-6, 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	



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For Reference Only

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LP3962ES-1.8/NOPB Specifications

Manufacturer Part Number LP3962ES-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) 7V Voltage - Output (Min/Fixed) 1.8V Voltage - Output (Max) - Voltage - Output (Max) - Current - Output 55V @ 1.5A Current - Quiescent (Iq) - Current - Supply (Max) 9mA ~ 15mA PSRR - Control Features Enable Protection Features Output Cover Temperature, Short Circuit Operating Temperature 40° < 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA PopeKTrO-263-5 Exeport errors?		
Category Integrated Circuits (ICS) Package TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Package - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 7V Voltage - Output (Min/Fixed) 1.8V Voltage - Output (Max) - Voltage - Output (Max) - Voltage Dropout (Max) 0.55V @ 1.5A Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) 9mA ~ 15mA PSRR - Control Features Over Current, Over Temperature, Short Circuit Operating Temperature - 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	LP3962ES-1.8/NOPB
PMIC - Voltage Regulators - LinearPackageTO-263-6, D2Pak (5 Leads + Tab), TO-263BASeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)7VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Min/Fixed)-Voltage - Output (Max)-Voltage Dropout (Max)0.55V @ 1.5ACurrent - Output1.5ACurrent - Quiescent (Iq)-Current - Supply (Max)9mA ~ 15mAPSRR-Control FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 125°CMounting TypeSuface MountPackage / CaseDDPAK/TO-263-5	Manufacturer	Texas Instruments
PackageTO-263-6, D2Pak (5 Leads + Tab), TO-263BASeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)7VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage - Output (Max)0.55V @ 1.5ACurrent - Output1.5ACurrent - Quiescent (Iq)-Current - Supply (Max)9mA ~ 15mAPSRR-Control FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseDDPAK/TO-263-5	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)7VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage - Output (Max)0.55V @ 1.5ACurrent - Output1.5ACurrent - Output9mA ~ 15mACurrent - Supply (Max)-PSRR-Potection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature40°C ~ 125°CMounting TypeSurface MountPackage / CaseDDPAK/TO-263-5		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)7VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage - Output (Max)0.55V @ 1.5ACurrent - Output1.5ACurrent - Quiescent (Iq)-Current - Supply (Max)9mA ~ 15mAPSRR-Potection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature4.0°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
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Number of Regulators1Number of Regulators1Voltage - Input (Max)7VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage Dropout (Max)0.55V @ 1.5ACurrent - Output1.5ACurrent - Quiescent (Iq)-Current - Supply (Max)9mA ~ 15mAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature40°C ~ 125°CMounting TypeSurface MountPackage / CaseDDPAK/TO-263-5	Output Configuration	Positive
Voltage - Input (Max) 7V Voltage - Output (Min/Fixed) 1.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.55V @ 1.5A Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) 9mA ~ 15mA PSRR - 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	Output Type	Fixed
Voltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage Dropout (Max)0.55V @ 1.5ACurrent - Output1.5ACurrent - Quiescent (Iq)-Current - Supply (Max)9mA ~ 15mAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageDDPAK/TO-263-5	Number of Regulators	1
Voltage - Output (Max)-Voltage Dropout (Max)0.55V @ 1.5ACurrent - Output1.5ACurrent - Quiescent (Iq)-Current - Supply (Max)9mA ~ 15mAPSRR-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	Voltage - Input (Max)	7V
Voltage Dropout (Max)0.55V @ 1.5ACurrent - Output1.5ACurrent - Quiescent (Iq)-Current - Supply (Max)9mA ~ 15mAPSRR-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	Voltage - Output (Min/Fixed)	1.8V
Current - Output1.5ACurrent - Quiescent (Iq)-Current - Supply (Max)9mA ~ 15mAPSRR-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	Voltage - Output (Max)	-
Current - Quiescent (Iq)-Current - Supply (Max)9mA ~ 15mAPSRR-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	Voltage Dropout (Max)	0.55V @ 1.5A
Current - Supply (Max)9mA ~ 15mAPSRR-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	1.5A
PSRR-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 - Quiescent (Iq)	-
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 - Supply (Max)	9mA ~ 15mA
Protection 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	PSRR	-
Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageDDPAK/TO-263-5	Control Features	Enable
Mounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageDDPAK/TO-263-5	Protection Features	Over Current, Over Temperature, Short Circuit
Package / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageDDPAK/TO-263-5	Operating Temperature	$-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$
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?

LP3962ES-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 BUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

LP3962ES-1.8/NOPB Payment Methods



LP3962ES-1.8/NOPB Shipping Methods



If you have any question about LP3962ES-1.8/NOPB, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com