



NCP630AD2TR4G Information



Part Number NCP630AD2TR4G
Manufacturer ON Semiconductor
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

DescriptionIC REG LINEAR POS ADJ 3A D2PAK-5**Package**TO-263-6, D2Pak (5 Leads + Tab), TO-263BA

For the pricing/inventory/lead time, please contact

us

For Reference Only

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



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NCP630AD2TR4G Specifications

Manufacturer Part Number NCP630AD2TR4G Manufacturer ON Semiconductor Category Integrated Circuits (ICs) Package TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 12V Voltage - Output (Min/Fixed) 1.216V Voltage - Output (Max) 10.75V Voltage Dropout (Max) 1.25V @ 3A Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) ImA ~ 2mA PSRR 85dB (1kHz) Control Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package D2PAK-5	*	
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Series-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)12VVoltage - Output (Min/Fixed)1.216VVoltage - Output (Max)10.75VVoltage Dropout (Max)1.25V @ 3ACurrent - Output3ACurrent - Quiescent (Iq)-Current - Supply (Max)ImA ~ 2mAPSRR85dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageD2PAK-5		PMIC - Voltage Regulators - Linear
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Number of Regulators Voltage - Input (Max) Voltage - Output (Min/Fixed) 1.216V Voltage - Output (Max) 10.75V Voltage Dropout (Max) 1.25V @ 3A Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) ImA ~ 2mA PSRR 85dB (1kHz) Control Features Protection Features Operating Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package	Output Configuration	Positive
Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) 10.75V Voltage Dropout (Max) 1.25V @ 3A Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) ImA ~ 2mA PSRR 85dB (1kHz) Control Features Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package	Output Type	Adjustable
Voltage - Output (Min/Fixed) Voltage - Output (Max) 10.75V Voltage Dropout (Max) 1.25V @ 3A Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) PSRR 85dB (1kHz) Control Features Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) 1.25V @ 3A Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) ImA ~ 2mA PSRR 85dB (1kHz) Control Features Enable Protection Features Operating Temperature Operating Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package	Voltage - Input (Max)	12V
Voltage Dropout (Max) Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) PSRR 85dB (1kHz) Control Features Protection Features Operating Temperature Operating Type Mounting Type Surface Mount Package / Case Supplier Device Package D2PAK-5	Voltage - Output (Min/Fixed)	1.216V
Current - Output Current - Quiescent (Iq) Current - Supply (Max) ImA ~ 2mA PSRR 85dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package	Voltage - Output (Max)	10.75V
Current - Quiescent (Iq) Current - Supply (Max) PSRR 85dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -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)	1.25V @ 3A
Current - Supply (Max) PSRR 85dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package D2PAK-5	Current - Output	3A
PSRR 85dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package D2PAK-5	Current - Quiescent (Iq)	-
Control Features Protection Features Over Current, Over Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package D2PAK-5	Current - Supply (Max)	1mA ~ 2mA
Protection Features Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package D2PAK-5	PSRR	85dB (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 D2PAK-5	Control Features	Enable
Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package D2PAK-5	Protection Features	Over Current, Over Temperature
Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package D2PAK-5	Operating Temperature	-40°C ~ 125°C
Supplier Device Package D2PAK-5	Mounting Type	Surface Mount
	Package / Case	TO-263-6, D2Pak (5 Leads + Tab), TO-263BA
Report errors?	Supplier Device Package	D2PAK-5
		Report errors?

NCP630AD2TR4G 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.

NCP630AD2TR4G Payment Methods



















NCP630AD2TR4G Shipping Methods













If you have any question about NCP630AD2TR4G, please do not hesitate to contact us!

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