



TLV70430DBVT Information



For Reference Only

Part Number TLV70430DBVT
Manufacturer Texas Instruments
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 3V 150MA SOT23-5

Package SC-74A, SOT-753

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.









TLV70430DBVT Specifications

Manufacturer Part NumberTLV70430DBVTManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs)PackageSC-74A, SOT-753Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)24VVoltage - Output (Min/Fixed)3VVoltage - Output (Max)-Voltage Dropout (Max)1.1V @ 100mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max) 4.5μ A ~ 5.5μ APSRR $60d$ B ($100k$ Hz)Control FeaturesOver Current, Reverse PolarityOperating Temperature -40° C ~ 125° CMounting TypeSurface Mount		
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package SC-74A, SOT-753 Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 24V Voltage - Output (Min/Fixed) 3V Voltage - Output (Max) - Voltage Dropout (Max) 1.1V @ 100mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 4.5μA ~ 5.5μA PSRR 60dB (100kHz) Control Features - Protection Features Over Current, Reverse Polarity Operating Temperature -40°C ~ 125°C	Manufacturer Part Number	TLV70430DBVT
PackagePMIC - Voltage Regulators - LinearPackageSC-74A, SOT-753Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)24VVoltage - Output (Min/Fixed)3VVoltage - Output (Max)-Voltage Dropout (Max)1.1V @ 100mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max) 4.5μ A $\sim 5.5\mu$ APSRR60dB (100kHz)Control Features-Protection FeaturesOver Current, Reverse PolarityOperating Temperature -40° C $\sim 125^{\circ}$ C	Manufacturer	Texas Instruments
PackageSC-74A, SOT-753Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)24VVoltage - Output (Min/Fixed)3VVoltage - Output (Max)-Voltage Dropout (Max)1.1V @ 100mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max) 4.5μ A ~ 5.5μ APSRR60dB (100kHz)Control Features-Protection FeaturesOver Current, Reverse PolarityOperating Temperature -40° C ~ 125° C	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max) $24V$ Voltage - Output (Min/Fixed) $3V$ Voltage - Output (Max)-Voltage Dropout (Max) $1.1V @ 100mA$ Current - Output $150mA$ Current - Quiescent (Iq)-Current - Supply (Max) $4.5\mu A \sim 5.5\mu A$ PSRR $60dB (100kHz)$ Control Features-Protection FeaturesOver Current, Reverse PolarityOperating Temperature $-40^{\circ}C \sim 125^{\circ}C$		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)24VVoltage - Output (Min/Fixed)3VVoltage - Output (Max)-Voltage Dropout (Max)1.1V @ 100mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)4.5µA ~ 5.5µAPSRR60dB (100kHz)Control Features-Protection FeaturesOver Current, Reverse PolarityOperating Temperature-40°C ~ 125°C	Package	SC-74A, SOT-753
Output Type Number of Regulators 1 Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage - Output (Max) - Voltage - Output (Max) - Voltage Dropout (Max) - Voltage Dropout (Max) 1.1V @ 100mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 4.5µA ~ 5.5µA PSRR 60dB (100kHz) Control Features Protection Features Over Current, Reverse Polarity Operating Temperature -40°C ~ 125°C	Series	-
Number of Regulators Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage - Output (Max) Voltage - Output (Max) - Voltage Dropout (Max) Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 60dB (100kHz) Control Features Protection Features Over Current, Reverse Polarity Operating Temperature 1 1 1 1 1 1 1 1 1 1 1 1 1	Output Configuration	Positive
Voltage - Input (Max) $24V$ Voltage - Output (Min/Fixed) $3V$ Voltage - Output (Max)-Voltage Dropout (Max) $1.1V @ 100mA$ Current - Output $150mA$ Current - Quiescent (Iq)-Current - Supply (Max) $4.5\mu A \sim 5.5\mu A$ PSRR $60dB (100kHz)$ Control Features-Protection FeaturesOver Current, Reverse PolarityOperating Temperature $-40^{\circ}C \sim 125^{\circ}C$	Output Type	Fixed
Voltage - Output (Min/Fixed) $3V$ Voltage - Output (Max) - Voltage Dropout (Max) $1.1V @ 100mA$ Current - Output $150mA$ Current - Quiescent (Iq) - Current - Supply (Max) $4.5\mu A \sim 5.5\mu A$ PSRR $60dB (100kHz)$ Control Features - Protection Features 0 Over Current, Reverse Polarity Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$	Number of Regulators	1
Voltage - Output (Max) - 1.1V @ 100mA Current - Output	Voltage - Input (Max)	24V
Voltage Dropout (Max) 1.1V @ 100mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 4.5 μ A ~ 5.5 μ A PSRR 60dB (100kHz) Control Features - Protection Features Over Current, Reverse Polarity Operating Temperature -40°C ~ 125°C	Voltage - Output (Min/Fixed)	3V
Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 4.5 μ A ~ 5.5 μ A PSRR 60dB (100kHz) Control Features - Protection Features Over Current, Reverse Polarity Operating Temperature -40°C ~ 125°C	Voltage - Output (Max)	-
Current - Quiescent (Iq) - $4.5\mu A \sim 5.5\mu A$ Current - Supply (Max) $4.5\mu A \sim 5.5\mu A$ 60dB (100kHz) - Control Features - Control Features Over Current, Reverse Polarity Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Voltage Dropout (Max)	1.1V @ 100mA
Current - Supply (Max) $4.5\mu A \sim 5.5\mu A$ $9SRR$ $60dB (100kHz)$ - Control Features - Protection Features Over Current, Reverse Polarity Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$	Current - Output	150mA
PSRR 60dB (100kHz) Control Features - Protection Features Over Current, Reverse Polarity Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Current - Quiescent (Iq)	-
Control Features - Protection Features Over Current, Reverse Polarity Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Current - Supply (Max)	$4.5\mu A \sim 5.5\mu A$
Protection Features Over Current, Reverse Polarity Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	PSRR	60dB (100kHz)
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Control Features	-
	Protection Features	Over Current, Reverse Polarity
Mounting Type Surface Mount	Operating Temperature	-40°C ~ 125°C
	Mounting Type	Surface Mount
Package / Case SC-74A, SOT-753	Package / Case	SC-74A, SOT-753
Supplier Device Package SOT-23-5	Supplier Device Package	SOT-23-5
Report errors?		Report errors?

TLV70430DBVT 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.

TLV70430DBVT Payment Methods



















TLV70430DBVT Shipping Methods













If you have any question about TLV70430DBVT, please do not hesitate to contact us!

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