



AP7315DQ-12W5-7 Information

Heisener.com

Part Number AP7315DQ-12W5-7

Manufacturer Diodes Incorporated

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description LDO CMOS LOWCURR SOT25

Package SC-74A, SOT-753

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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AP7315DQ-12W5-7 Specifications

Manufacturer Part Number AP7315DQ-12W5-7 Manufacturer Diodes Incorporated Category Integrated Circuits (ICs) Package SC-74A, SOT-753 Series Automotive, AEC-Q100 Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.25V Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) - Voltage - Output (Max) 0.64V @ 150mA Current - Output 150mA Current - Supply (Max) 100μA Current - Supply (Max) 100μA PSRR 75dB (1kHz) Control Features Over Current, Short Circuit Operating Temperature 40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-25		
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SeriesAutomotive, AEC-Q100Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.25VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Voltage Dropout (Max)0.64V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)60μACurrent - Supply (Max)100μAPSRR75dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Short CircuitOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-25		PMIC - Voltage Regulators - Linear
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Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.25 V Voltage - Output (Min/Fixed) 1.2 V Voltage - Output (Max) - Voltage Dropout (Max) 0.64 V @ 150mA Current - Output 150mA Current - Quiescent (Iq) 60μA Current - Supply (Max) 100μA PSRR 75dB (1kHz) Control Features Enable Protection Features Over Current, Short Circuit Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-25	Series	Automotive, AEC-Q100
Number of Regulators1Voltage - Input (Max)5.25 VVoltage - Output (Min/Fixed)1.2 VVoltage - Output (Max)-Voltage Dropout (Max)0.64 V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)60μACurrent - Supply (Max)100μAPSRR75dB (IkHz)Control FeaturesEnableProtection FeaturesOver Current, Short CircuitOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-25	Output Configuration	Positive
Voltage - Input (Max)5.25VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Voltage Dropout (Max)0.64V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)60μACurrent - Supply (Max)100μAPSRR75dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Short CircuitOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-25	Output Type	Fixed
Voltage - Output (Max)1.2VVoltage - Output (Max)0.64V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)60μACurrent - Supply (Max)100μAPSRR75dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Short CircuitOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-25	Number of Regulators	1
Voltage - Output (Max)-Voltage Dropout (Max)0.64V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)60μACurrent - Supply (Max)100μAPSRR75dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Short CircuitOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-25	Voltage - Input (Max)	5.25V
Voltage Dropout (Max)0.64V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)60μACurrent - Supply (Max)100μAPSRR75dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Short CircuitOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-25	Voltage - Output (Min/Fixed)	1.2V
Current - Output $150 mA$ Current - Quiescent (Iq) $60 \mu A$ Current - Supply (Max) $100 \mu A$ PSRR $75 dB (1kHz)$ Control FeaturesEnableProtection FeaturesOver Current, Short CircuitOperating Temperature $-40^{\circ}C \sim 125^{\circ}C (TA)$ Mounting TypeSurface MountPackage / Case $SC-74A$, $SOT-753$ Supplier Device Package $SOT-25$	Voltage - Output (Max)	-
Current - Quiescent (Iq)60μACurrent - Supply (Max)100μAPSRR75dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Short CircuitOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-25	Voltage Dropout (Max)	0.64V @ 150mA
Current - Supply (Max)100μAPSRR75dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Short CircuitOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-25	Current - Output	150mA
PSRR 75dB (1kHz) Control Features Enable Protection Features Over Current, Short Circuit Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-25	Current - Quiescent (Iq)	60μΑ
Control Features Protection Features Over Current, Short Circuit -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-25	Current - Supply (Max)	100μΑ
Protection Features Over Current, Short Circuit -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-25	PSRR	75dB (1kHz)
Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-25	Control Features	Enable
Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-25	Protection Features	Over Current, Short Circuit
Package / Case SC-74A, SOT-753 Supplier Device Package SOT-25	Operating Temperature	-40°C ~ 125°C (TA)
Supplier Device Package SOT-25	Mounting Type	Surface Mount
	Package / Case	SC-74A, SOT-753
Report errors?	Supplier Device Package	SOT-25
		Report errors?

AP7315DQ-12W5-7 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.

AP7315DQ-12W5-7 Payment Methods





















AP7315DQ-12W5-7 Shipping Methods













If you have any question about AP7315DQ-12W5-7, please do not hesitate to contact us!

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