



LD2982BM35R Information



For Reference Only

Part Number LD2982BM35R

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 3.5V 50MA 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



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LD2982BM35R Specifications

Manufacturer Part Number LD2982BM35R Manufacturer STMicroelectronics Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package SC-74A, SOT-753 Scries - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 16V Voltage - Output (Min/Fixed) 3.5V Voltage - Output (Max) - Voltage Dropout (Max) 0.225V @ 50mA Current - Output 50mA Current - Quiescent (Iq) - Current - Supply (Max) 150µA ~ 1.2mA PSR 45dB (IkHz) Control Features Over Current, Over Temperature Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	*	
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Voltage - Output (Min/Fixed)3.5VVoltage - Output (Max)-Voltage Dropout (Max)0.225V @ 50mACurrent - Output50mACurrent - Quiescent (Iq)-Current - Supply (Max)150μA ~ 1.2mAPSRR45dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Number of Regulators	1
Voltage - Output (Max)-Voltage Dropout (Max)0.225 V @ 50mACurrent - Output50mACurrent - Quiescent (Iq)-Current - Supply (Max)150μA ~ 1.2mAPSRR45dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Voltage - Input (Max)	16V
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Current - Output50mACurrent - Quiescent (Iq)-Current - Supply (Max)150μA ~ 1.2mAPSRR45dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Voltage - Output (Max)	-
$\begin{array}{lll} & - \\ & \text{Current - Quiescent (Iq)} & - \\ & \text{Current - Supply (Max)} & 150 \mu \text{A} \sim 1.2 \text{mA} \\ & \text{PSRR} & 45 \text{dB (1kHz)} \\ & \text{Control Features} & \text{Enable} \\ & \text{Protection Features} & \text{Over Current, Over Temperature} \\ & \text{Operating Temperature} & -40^{\circ}\text{C} \sim 125^{\circ}\text{C} \\ & \text{Mounting Type} & \text{Surface Mount} \\ & \text{Package / Case} & \text{SC-74A, SOT-753} \\ & \text{Supplier Device Package} & \text{SOT-23-5} \\ \end{array}$	Voltage Dropout (Max)	0.225V @ 50mA
Current - Supply (Max)150μA ~ 1.2mAPSRR45dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Current - Output	50mA
PSRR 45dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Current - Quiescent (Iq)	-
Control Features Protection Features Over Current, Over Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Current - Supply (Max)	$150\mu\text{A} \sim 1.2\text{mA}$
Protection Features Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	PSRR	45dB (1kHz)
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Control Features	Enable
Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Protection Features	Over Current, Over Temperature
Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Operating Temperature	-40°C ~ 125°C
Supplier Device Package SOT-23-5	Mounting Type	Surface Mount
	Package / Case	SC-74A, SOT-753
Report errors?	Supplier Device Package	SOT-23-5
		Report errors?

LD2982BM35R 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.

LD2982BM35R Payment Methods





















LD2982BM35R Shipping Methods













If you have any question about LD2982BM35R, please do not hesitate to contact us!

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