



## LD3985G33R Information



For Reference Only

Part Number LD3985G33R

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

**Description** IC REG LIN 3.3V 150MA TSOT23-5 **Package** SOT-23-5 Thin, TSOT-23-5

For the pricing/inventory/lead time, please contact

us

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# **Certified Quality**

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### LD3985G33R Specifications

Manufacturer Part Number         LD3985G33R           Manufacturer         STMicroelectronics           Category         Integrated Circuits (ICs)           Package         SOT-23-5 Thin, TSOT-23-5           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         6V           Voltage - Output (Min/Fixed)         3.3V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.1V @ 150mA           Current - Output         150mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         150μA ~ 250μA           PSRR         -           Control Features         Enable           Protection Features         Over Current, Over Temperature           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         SOT-23-5 Thin, TSOT-23-5           Supplier Device Package         TSOT-23-5	*	
Category         Integrated Circuits (ICs)           PMIC - Voltage Regulators - Linear           Package         SOT-23-5 Thin, TSOT-23-5           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         6V           Voltage - Output (Min/Fixed)         3.3V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.1V @ 150mA           Current - Output         150mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         150μA ~ 250μA           PSRR         -           Control Features         Enable           Protection Features         Over Current, Over Temperature           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         SOT-23-5 Thin, TSOT-23-5	Manufacturer Part Number	LD3985G33R
PMIC - Voltage Regulators - Linear           Package         SOT-23-5 Thin, TSOT-23-5           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         6V           Voltage - Output (Min/Fixed)         3.3V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.1V @ 150mA           Current - Output         150mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         150μA ~ 250μA           PSRR         -           Control Features         Enable           Protection Features         Over Current, Over Temperature           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         SOT-23-5 Thin, TSOT-23-5	Manufacturer	STMicroelectronics
Package         SOT-23-5 Thin, TSOT-23-5           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         6V           Voltage - Output (Min/Fixed)         3.3V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.1V @ 150mA           Current - Output         150mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         150μA ~ 250μA           PSRR         -           Control Features         Enable           Protection Features         Over Current, Over Temperature           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         SOT-23-5 Thin, TSOT-23-5	Category	Integrated Circuits (ICs)
Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         6V           Voltage - Output (Min/Fixed)         3.3V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.1V @ 150mA           Current - Output         150mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         150μA ~ 250μA           PSRR         -           Control Features         Enable           Protection Features         Over Current, Over Temperature           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         SOT-23-5 Thin, TSOT-23-5		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.1V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)150μA ~ 250μAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-23-5 Thin, TSOT-23-5	Package	SOT-23-5 Thin, TSOT-23-5
Output TypeFixedNumber of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.1V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)150μA ~ 250μAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-23-5 Thin, TSOT-23-5	Series	-
Number of Regulators  Voltage - Input (Max)  Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Voltage - Output (Max)  Voltage Dropout (Max)  Current - Output  150mA  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  - I50µA ~ 250µA  PSRR  Control Features  Enable  Protection Features  Operating Temperature  Operating Temperature  Mounting Type  Surface Mount  Package / Case  SOT-23-5 Thin, TSOT-23-5	Output Configuration	Positive
Voltage - Input (Max)  Voltage - Output (Min/Fixed)  3.3V  Voltage - Output (Max)  - Voltage Dropout (Max)  Current - Output  150mA  Current - Quiescent (Iq)  - Current - Supply (Max)  150µA ~ 250µA  PSRR  - Control Features  Enable  Protection Features  Operating Temperature  Operating Temperature  Auch Current - 40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  SOT-23-5 Thin, TSOT-23-5	Output Type	Fixed
Voltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.1V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)150μA ~ 250μAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-23-5 Thin, TSOT-23-5	Number of Regulators	1
Voltage - Output (Max) - 0.1V @ 150mA   Current - Output 150mA   Current - Quiescent (Iq) - 150 $\mu$ A ~ 250 $\mu$ A   PSRR - 100trol Features   Protection Features   Over Current, Over Temperature   Operating Temperature   Auonc Auon	Voltage - Input (Max)	6V
Voltage Dropout (Max)  Current - Output  150mA  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  - Control Features  Protection Features  Operating Temperature  Package / Case  0.1V @ 150mA  150mA  - Control Features  Enable  Over Current, Over Temperature  -40°C ~ 125°C  Surface Mount  SOT-23-5 Thin, TSOT-23-5	Voltage - Output (Min/Fixed)	3.3V
Current - Output  Current - Quiescent (Iq)  Current - Supply (Max)  150μA ~ 250μA  PSRR  - Control Features  Enable  Protection Features  Operating Temperature  Operating Type  Surface Mount  Package / Case  150mA  Control Features  Deverous - 250μA  Control Features  Over Current, Over Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  SOT-23-5 Thin, TSOT-23-5	Voltage - Output (Max)	-
Current - Quiescent (Iq)-Current - Supply (Max) $150\mu$ A ~ $250\mu$ APSRR-Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ $125$ °CMounting TypeSurface MountPackage / CaseSOT-23-5 Thin, TSOT-23-5	Voltage Dropout (Max)	0.1V @ 150mA
Current - Supply (Max) $150\mu A \sim 250\mu A$ $PSRR - Control Features Enable$ $Protection Features Over Current, Over Temperature -40^{\circ}C \sim 125^{\circ}C Mounting Type Surface Mount \\ Package / Case SOT-23-5 Thin, TSOT-23-5$	Current - Output	150mA
PSRR Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5	Current - Quiescent (Iq)	-
Control Features Enable  Over Current, Over Temperature  Operating Temperature  -40°C ~ 125°C  Mounting Type Surface Mount  Package / Case SOT-23-5 Thin, TSOT-23-5	Current - Supply (Max)	$150\mu A \sim 250\mu A$
Protection Features Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5	PSRR	-
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount  Package / Case SOT-23-5 Thin, TSOT-23-5	Control Features	Enable
Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5	Protection Features	Over Current, Over Temperature
Package / Case SOT-23-5 Thin, TSOT-23-5	Operating Temperature	-40°C ~ 125°C
	Mounting Type	Surface Mount
Supplier Device Package TSOT-23-5	Package / Case	SOT-23-5 Thin, TSOT-23-5
	Supplier Device Package	TSOT-23-5
Report errors?		Report errors?

#### LD3985G33R 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.

## LD3985G33R Payment Methods





















### LD3985G33R Shipping Methods













If you have any question about LD3985G33R, please do not hesitate to contact us!

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