



LD39115J10R Information



For Reference Only

Part Number LD39115J10R

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LIN 1V 150MA 4FLIPCHIP

Package 4-UFBGA, FCBGA

For the pricing/inventory/lead time, please contact

us

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



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LD39115J10R Specifications

Manufacturer Part Number LD39115110R Manufacturer STMicroelectronics Category Integrated Circuits (ICs) Package 4-UFBGA, FCBGA Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) IV Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 50µA ~ 70µA PSRR 74dB ~ 67dB (1kHz ~ 10kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C	22071101011 Specifications	
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 4-UFBGA, FCBGA Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5 V Voltage - Output (Min/Fixed) 1V Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 50μA ~ 70μA PSRR 74dB ~ 67dB (1kHz ~ 10kHz) Control Features Enable Protection Features Over Current, Over Temperature	Manufacturer Part Number	LD39115J10R
PMIC - Voltage Regulators - LinearPackage4-UFBGA, FCBGASeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)50μA ~ 70μAPSRR74dB ~ 67dB (1kHz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature	Manufacturer	STMicroelectronics
Package4-UFBGA, FCBGASeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max) $5.5V$ Voltage - Output (Min/Fixed) $1V$ Voltage - Output (Max)-Voltage Dropout (Max)-Current - Output 150 mACurrent - Quiescent (Iq)-Current - Supply (Max) 50 μA ~ 70 μAPSRR 74 dB ~ 67 dB (1 kHz ~ 10 kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)50μA ~ 70μAPSRR74dB ~ 67dB (1kHz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature		PMIC - Voltage Regulators - Linear
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Output TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)50μA ~ 70μAPSRR74dB ~ 67dB (1kHz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature	Series	-
Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1V Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 50 μ A \sim 70 μ A PSRR 74dB \sim 67dB (1kHz \sim 10kHz) Control Features Protection Features Over Current, Over Temperature	Output Configuration	Positive
Voltage - Input (Max) $5.5V$ Voltage - Output (Min/Fixed) $1V$ Voltage - Output (Max)-Voltage Dropout (Max)-Current - Output $150mA$ Current - Quiescent (Iq)-Current - Supply (Max) $50\mu A \sim 70\mu A$ PSRR $74dB \sim 67dB (1kHz \sim 10kHz)$ Control FeaturesEnableProtection FeaturesOver Current, Over Temperature	Output Type	Fixed
Voltage - Output (Min/Fixed)1VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)50μA ~ 70μAPSRR74dB ~ 67dB (1kHz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature	Number of Regulators	1
$Voltage - Output (Max) \\ Voltage Dropout (Max) \\ - \\ Current - Output \\ 150mA \\ Current - Quiescent (Iq) \\ - \\ Current - Supply (Max) \\ PSRR \\ 74dB \sim 67dB (1kHz \sim 10kHz) \\ Control Features \\ Protection Features \\ Over Current, Over Temperature$	Voltage - Input (Max)	5.5V
Voltage Dropout (Max) - Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 50 μ A ~ 70 μ A PSRR 74dB ~ 67dB (1kHz ~ 10kHz) Control Features Enable Protection Features Over Current, Over Temperature	Voltage - Output (Min/Fixed)	1V
Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 50 μ A ~ 70 μ A PSRR 74dB ~ 67dB (1kHz ~ 10kHz) Control Features Enable Protection Features Over Current, Over Temperature	Voltage - Output (Max)	-
Current - Quiescent (Iq)-Current - Supply (Max) $50\mu A \sim 70\mu A$ PSRR $74dB \sim 67dB (1kHz \sim 10kHz)$ Control FeaturesEnableProtection FeaturesOver Current, Over Temperature	Voltage Dropout (Max)	-
Current - Supply (Max) $50\mu A \sim 70\mu A$ PSRR $74dB \sim 67dB (1kHz \sim 10kHz)$ Control Features Enable Protection Features Over Current, Over Temperature	Current - Output	150mA
PSRR 74dB ~ 67dB (1kHz ~ 10kHz) Control Features Enable Protection Features Over Current, Over Temperature	Current - Quiescent (Iq)	-
Control Features Enable Protection Features Over Current, Over Temperature	Current - Supply (Max)	$50\mu A \sim 70\mu A$
Protection Features Over Current, Over Temperature	PSRR	$74dB \sim 67dB (1kHz \sim 10kHz)$
	Control Features	Enable
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Protection Features	Over Current, Over Temperature
	Operating Temperature	-40°C ~ 125°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case 4-UFBGA, FCBGA	Package / Case	4-UFBGA, FCBGA
Supplier Device Package 4-Flipchip (0.79x0.79)	Supplier Device Package	4-Flipchip (0.79x0.79)
Report errors?		Report errors?

LD39115J10R 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.

LD39115J10R Payment Methods





















LD39115J10R Shipping Methods













If you have any question about LD39115J10R, please do not hesitate to contact us!

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