



LD6835K/28PX Information

Heisener.com

Part Number LD6835K/28PX

Manufacturer NXP

Integrated Circuits (ICs) Category

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 2.8V 300MA 4HXSON

Package 4-XDFN Exposed Pad

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com For Reference Only

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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.









LD6835K/28PX Specifications

Manufacturer Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 4-XDFN Exposed Pad Series Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) Current - Output Current - Quiescent (Iq) Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear 4-XDFN Exposed Pad 5-SV Positive Fixed 1 Voltage Positive 1 2.8V Voltage - Input (Max) - Voltage - Output (Min/Fixed) 2.8V Voltage - Output (Max) - Voltage Dropout (Max) - Voltage Dropout (Max) - Voltage - Output 300mA		
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 4-XDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage - Output (Max) Voltage Dropout (Max) - Voltage Dropout (Max) Current - Output 300mA Current - Quiescent (Iq) Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear 4-XDFN Exposed Pad 5-XDFN Exposed Pad 5-XDFN Exposed Pad 6-XDFN Expose	Manufacturer Part Number	LD6835K/28PX
PMIC - Voltage Regulators - Linear Package 4-XDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 2.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.24V @ 300mA (Typ) Current - Output Current - Quiescent (Iq) -	Manufacturer	NXP
Package 4-XDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 2.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.24V @ 300mA (Typ) Current - Output Current - Quiescent (Iq) -	Category	Integrated Circuits (ICs)
Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 2.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.24V @ 300mA (Typ) Current - Output Current - Quiescent (Iq) - Output (Iquinosity)		PMIC - Voltage Regulators - Linear
Output Configuration Output Type Fixed Number of Regulators 1 Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage - Output (Max) Voltage Dropout (Max) Current - Output Current - Quiescent (Iq) Positive Fixed 1 0.24V @ 300mA (Typ)	Package	4-XDFN Exposed Pad
Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 2.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.24V @ 300mA (Typ) Current - Output 300mA Current - Quiescent (Iq) -	Series	-
Number of Regulators Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 2.8V Voltage - Output (Max) - Voltage Dropout (Max) Current - Output 300mA Current - Quiescent (Iq) - Input (Max) 2.8V 2.8V - Quiescent (Iq) - Output 300mA	Output Configuration	Positive
Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) Current - Output Current - Quiescent (Iq) 5.5V 2.8V - 0.24V @ 300mA (Typ) 300mA	Output Type	Fixed
Voltage - Output (Min/Fixed) 2.8V Voltage - Output (Max) - Voltage Dropout (Max) Current - Output 300mA Current - Quiescent (Iq) -	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) Current - Output Current - Quiescent (Iq)	Voltage - Input (Max)	5.5V
Voltage Dropout (Max) 0.24V @ 300mA (Typ) Current - Output 300mA Current - Quiescent (Iq) -	Voltage - Output (Min/Fixed)	2.8V
Current - Output 300mA Current - Quiescent (Iq) -	Voltage - Output (Max)	-
Current - Quiescent (Iq)	Voltage Dropout (Max)	0.24V @ 300mA (Typ)
-	Current - Output	300mA
Current - Supply (Max) 75uA	Current - Quiescent (Iq)	-
	Current - Supply (Max)	75μΑ
PSRR 75dB (1kHz)	PSRR	75dB (1kHz)
Control Features Enable	Control Features	Enable
Protection Features Over Current, Over Temperature, Soft Start	Protection Features	Over Current, Over Temperature, Soft Start
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Operating Temperature	-40°C ~ 85°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case 4-XDFN Exposed Pad	Package / Case	4-XDFN Exposed Pad
Supplier Device Package 4-HXSON (1x1)	Supplier Device Package	4-HXSON (1x1)
Report errors		Report errors?

LD6835K/28PX 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.

LD6835K/28PX Payment Methods



















LD6835K/28PX Shipping Methods













If you have any question about LD6835K/28PX, please do not hesitate to contact us!

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