



Image may be representation.
See specifications for product details.



LD39020DTPU18R

Manufacturer Part Number **LD39020DTPU18R**

Manufacturer **STMicroelectronics**

Allelco Part Number **32D-LD39020DTPU18R**

ECAD Model Request Free CAD Models

Parts Description **IC REG LINEAR 1.8V 200MA 4DFN**

Package **4-XDFN Exposed Pad**

Data sheet **[Power Management Handheld,Portable Guide.pdf](#)**

[LD39020 Datasheet.pdf](#)

RoHs Status **ROHS3 Compliant**

Get a Quote

LD39020DTPU18R - STMicroelectronics.New Original in Stock. Download Linear Technology LD39020DTPU18R datasheet/specifications on AllelcoElec.com.
Request a quote for LD39020DTPU18R, please send us email: info@allelco.com

Specifications

LD39020DTPU18R Tech Specifications

LD39020DTPU18R - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	PSRR	80dB ~ 55dB (1kHz ~ 100kHz)
Voltage Dropout (Max)	0.35V @ 200mA	Output Type	Fixed
Voltage - Output (Min/Fixed)	1.8V	Output Configuration	Positive
Voltage - Output (Max)	-	Operating Temperature	-40°C ~ 125°C (TJ)
Voltage - Input (Max)	5.5V	Number of Regulators	1
Supplier Device Package	4-DFN (1x1)	Mounting Type	Surface Mount
Series	-	Current - Quiescent (Iq)	40 µA
Protection Features	Over Current, Over Temperature, Soft Start	Current - Output	200mA
Package / Case	4-XDFN Exposed Pad	Control Features	Enable
Package	Tape & Reel (TR)	Base Product Number	LD39020

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics LD39020DTPU18R

Product Attribute				
Part Number	LD39020DTPU18R	LD39020ADTPU30R	LD39030ADTPU12R	LD39020TPU32R
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Control Features	Enable	Enable	Enable, Soft Start	Enable
PSRR	80dB ~ 55dB (1kHz ~ 100kHz)	80dB ~ 55dB (1kHz ~ 100kHz)	80dB ~ 55dB (1kHz ~ 100kHz)	80dB ~ 55dB (1kHz ~ 100kHz)
Voltage - Output (Min/Fixed)	1.8V	3V	1.2V	3.2V
Protection Features	Over Current, Over Temperature, Soft Start	Over Current, Over Temperature, Soft Start	Over Current, Over Temperature	Over Current, Over Temperature, Soft Start
Series	-	-	-	-
Voltage - Output (Max)	-	-	-	-
Output Type	Fixed	Fixed	Fixed	Fixed
Package / Case	4-XDFN Exposed Pad	4-XDFN Exposed Pad	4-XDFN Exposed Pad	4-XDFN Exposed Pad
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Number of Regulators	1	1	1	1
Base Product Number	LD39020	LD39020	LD39030	LD39020
Voltage Dropout (Max)	0.35V @ 200mA	0.35V @ 200mA	0.33V @ 300mA (Typ)	0.35V @ 200mA
Current - Quiescent (Iq)	40 µA	40 µA	40 µA	40 µA
Output Configuration	Positive	Positive	Positive	Positive
Voltage - Input (Max)	5.5V	5.5V	5.5V	5.5V
Current - Output	200mA	200mA	300mA	200mA
Supplier Device Package	4-DFN (1x1)	4-DFN (1x1)	4-DFN (1x1)	4-DFN (1x1)

LD39020DTPU18R Datasheet PDF

Download LD39020DTPU18R pdf datasheets and STMicroelectronics documentation for LD39020DTPU18R - STMicroelectronics.

PCN Packaging

2.73KHz.pdf

HTML Datasheet



















Power Management Handheld,Portable Guide.pdf

LD39020 Datasheet.pdf

PCN Assembly/Origin

Customers Also Interested in

Recommended Products

					
LD39020ADTPU30R STMicroelectronics IC REG LINEAR 3V 200MA 4DFN	LD39030ADTPU12R STMicroelectronics IC REG LINEAR 1.2V 300MA 4DFN	LD39020TPU32R STMicroelectronics IC REG LINEAR 3.2V 200MA 4DFN	LD39020DTPU31R STMicroelectronics IC REG LINEAR 3.1V 200MA 4DFN	LD39020ADTPU28R STMicroelectronics IC REG LINEAR 2.8V 200MA 4DFN	LD39030DTPU105R STMicroelectronics IC REG LINEAR 1.05V 300MA 4DFN
					
LD39020ATPU185R STMicroelectronics IC REG LINEAR 1.85V 200MA 4DFN	LD39030ADTPU28R STMicroelectronics IC REG LINEAR 2.8V 300MA 4DFN	LD39020DTPU47R STMicroelectronics IC REG LINEAR 4.7V 200MA 4DFN	LD39020DTPU13R STMicroelectronics IC REG LINEAR 1.3V 200MA 4DFN	LD39020ADTPU33R STMicroelectronics IC REG LINEAR 3.3V 200MA 4DFN	LD39030ADTPU18R STMicroelectronics IC REG LINEAR 1.8V 300MA 4DFN
					
LD39020ATPU33R STMicroelectronics IC REG LINEAR 3.3V 200MA 4DFN	LD39020TPU185R STMicroelectronics IC REG LINEAR 1.85V 200MA 4DFN	LD39020DTPU30R STMicroelectronics IC REG LINEAR 3V 200MA 4DFN	LD39020ADTPU25R STMicroelectronics IC REG LINEAR 2.5V 200MA 4DFN	LD39020DTPU15R STMicroelectronics IC REG LINEAR 1.5V 200MA 4DFN	LD39020ATPU32R STMicroelectronics IC REG LINEAR 3.2V 200MA 4DFN

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
- > Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00




Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support


The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -

 Efficient Supply Management	 Cost-Saving Procurement	 Fast Sourcing & Delivery
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Contact us if you have any questions.

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Certifications & Memberships



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