

Image may be representation.
See specifications for product details.



MAX20090BATP/VY+T

Manufacturer Part Number	MAX20090BATP/VY+T
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX20090BATP/VY+T
ECAD Model	Request Free CAD Models
Parts Description	IC LED DRIVER CTRLR PWM 20TQFN
Package	20-WFQFN Exposed Pad
Data sheet	MAX20090/MAX20090B.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MAX20090BATP/VY+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX20090BATP/VY+T datasheet/specifications on AllelcoElec.com.
Request a quote for MAX20090BATP/VY+T, please send us email: info@allelco.com

Specifications

MAX20090BATP/VY+T Tech Specifications
MAX20090BATP/VY+T - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Operating Temperature	-40°C ~ 125°C (TA)
Voltage - Supply (Min)	5V	Number of Outputs	1
Voltage - Supply (Max)	65V	Mounting Type	Surface Mount, Wettable Flank
Voltage - Output	65V	Internal Switch(s)	No
Type	DC DC Controller	Frequency	200kHz ~ 2.2MHz
Topology	SEPIC, Step-Down (Buck), Step-Up (Boost)	Dimming	Analog, PWM
Supplier Device Package	20-TQFN-EP (4x4)	Current - Output / Channel	-
Series	Automotive, AEC-Q100	Base Product Number	MAX20090
Package / Case	20-WFQFN Exposed Pad	Applications	Automotive, Commercial & Industrial Lighting
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX20090BATP/VY+T

Product Attribute				
Part Number	MAX20090BATP/VY+T	MAX20090BATP/VY+	MAX20096ATJ/VY+T	MAX20092ATJ/VY+
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Mounting Type	Surface Mount, Wettable Flank	Surface Mount, Wettable Flank	Surface Mount, Wettable Flank	Surface Mount, Wettable Flank
Voltage - Output	65V	65V	-	-
Package	Tape & Reel (TR)	Strip	Tape & Reel (TR)	Tray
Number of Outputs	1	1	2	12
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C	-40°C ~ 125°C
Internal Switch(s)	No	No	No	Yes
Series	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100	-
Topology	SEPIC, Step-Down (Buck), Step-Up (Boost)	SEPIC, Step-Down (Buck), Step-Up (Boost)	Step-Down (Buck)	-
Supplier Device Package	20-TQFN-EP (4x4)	20-TQFN-EP (4x4)	32-TQFN-EP (5x5)	32-SWTQFN (5x5)
Voltage - Supply (Min)	5V	5V	4.5V	4.5V
Voltage - Supply (Max)	65V	65V	65V	5.5V
Type	DC DC Controller	DC DC Controller	DC DC Controller	DC DC Controller
Base Product Number	MAX20090	MAX20090	MAX20096	MAX20092
Frequency	200kHz ~ 2.2MHz	200kHz ~ 2.2MHz	1MHz	2kHz
Applications	Automotive, Commercial & Industrial Lighting	Automotive, Commercial & Industrial Lighting	Automotive, Lighting	Automotive, Lighting
Dimming	Analog, PWM	Analog, PWM	Analog, PWM	Analog, PWM
Package / Case	20-WFQFN Exposed Pad	20-WFQFN Exposed Pad	32-WFQFN Exposed Pad	32-WFQFN Exposed Pad
Current - Output / Channel	-	-	-	1.5A

MAX20090BATP/VY+T Datasheet PDF

Download MAX20090BATP/VY+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX20090BATP/VY+T - Analog Devices Inc./Maxim Integrated.

Datasheets

[MAX20090/MAX20090B.pdf](#)

Environmental Information

[Maxim Integrated REACH.pdf](#)

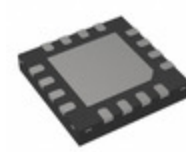
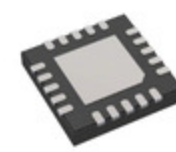
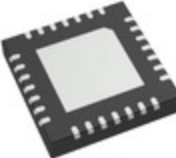
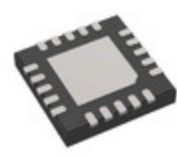
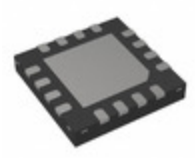
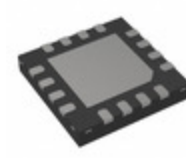
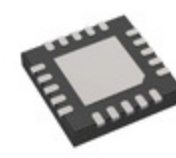
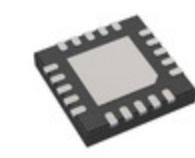
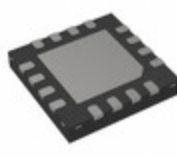
[Maxim Integrated RoHS Cert.pdf](#)

Customers Also Interested in

Recommended Products

**MAX20090BATP/VY+**Analog Devices Inc./Maxim Integrated
IC LED DRIVER CTRLR PWM 20TQFN**MAX20091ATM/V+T**

Analog Devices / Maxim Integrated

**MAX20096ATJ/VY+T**Analog Devices Inc./Maxim Integrated
IC LED DRIVER CTRLR PWM 32TQFN**MAX20098ATEB/VY+T**Analog Devices Inc./Maxim Integrated
36V >10A 5UA BUCK CONT**MAX20089ATPA/VY+T**Analog Devices Inc./Maxim Integrated
IC CURRENT SWITCH 8% 20TQFN**MAX20092ATJ/VY+**Analog Devices Inc./Maxim Integrated
IC LED DRVR CTRLR PWM 32SWTQFN**MAX20094ATIA/VY+**Analog Devices Inc./Maxim Integrated
IC BATT CHG LI-ION 1CELL 28TQFN**MAX20090ATP/VY+T**Analog Devices Inc./Maxim Integrated
IC LED DRIVER CTRLR PWM 20TQFN**MAX20098ATED/VY+**Analog Devices Inc./Maxim Integrated
36V >10A 5UA BUCK CONT**MAX20098ATEC/VY+**Analog Devices Inc./Maxim Integrated
36V, >10A, 5UA, BUCK CONTROLLER**MAX20086ATPA/VY+T**Analog Devices Inc./Maxim Integrated
IC CURRENT SWITCH 8% 20TQFN**MAX20089ATPB/VY+**Analog Devices Inc./Maxim Integrated
IC CURRENT SWITCH 8% 20TQFN**MAX20087ATPA/VY+T**Analog Devices Inc./Maxim Integrated
IC CURRENT SWITCH 8% 20TQFN**MAX20098ATED/VY+T**Analog Devices Inc./Maxim Integrated
36V >10A 5UA BUCK CONT**MAX20087ATPA/VY+**Analog Devices Inc./Maxim Integrated
IC CURRENT SWITCH 8% 20TQFN**MAX20091ATM/V**

Analog Devices / Maxim Integrated

**MAX20097AUI/V+**Analog Devices Inc./Maxim Integrated
IC LED DRIVER CTRLR PWM 28TSSOP**MAX20090AUP+T**

Analog Devices / Maxim Integrated

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

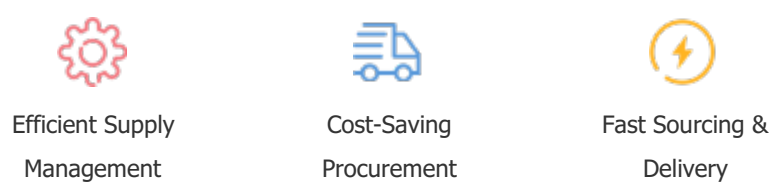
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

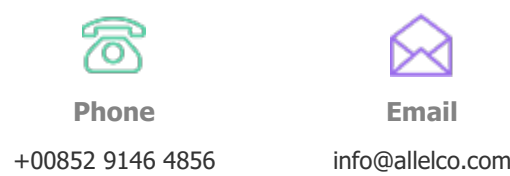
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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Contact us

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