

Image may be representation.  
See specifications for product details.



## MAX16933ATIR/V+T

Manufacturer Part Number	<b>MAX16933ATIR/V+T</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX16933ATIR/V+T
ECAD Model	Request Free CAD Models
Parts Description	1MHZ, 36V, DUAL BUCK WITH 20UA Q
Package	28-WFQFN Exposed Pad
Data sheet	<b>MAX16932-33.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MAX16933ATIR/V+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX16933ATIR/V+T datasheet/specifications on AllelcoElec.com.  
Request a quote for MAX16933ATIR/V+T, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

MAX16933ATIR/V+T Tech Specifications  
MAX16933ATIR/V+T - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Output Configuration	Positive
Voltage - Supply (Vcc/Vdd)	3.5V ~ 42V	Operating Temperature	-40°C ~ 125°C (TJ)
Topology	Buck	Number of Outputs	2
Synchronous Rectifier	Yes	Mounting Type	Surface Mount
Supplier Device Package	28-TQFN (5x5)	Function	Step-Down
Series	Automotive, AEC-Q100	Frequency - Switching	200kHz ~ 1MHz
Serial Interfaces	-	Duty Cycle (Max)	98.5%
Package / Case	28-WFQFN Exposed Pad	Control Features	Enable, Frequency Control, Power Good
Package	Tape & Reel (TR)	Clock Sync	Yes
Output Type	Transistor Driver	Base Product Number	MAX16933
Output Phases	2		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX16933ATIR/V+T

Product Attribute				
Part Number	MAX16933ATIR/V+T	MAX16933CATIR/VY+T	MAX16933BATIS/V+T	MAX16931BATLS/V+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Clock Sync	Yes	Yes	Yes	Yes
Control Features	Enable, Frequency Control, Power Good	Enable, Frequency Control, Power Good	Enable, Frequency Control, Power Good	Enable, Frequency Control, Power Good
Frequency - Switching	200kHz ~ 1MHz	200kHz ~ 1MHz	200kHz ~ 1MHz	200kHz ~ 1MHz
Output Type	Transistor Driver	Transistor Driver	Transistor Driver	Transistor Driver
Series	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TA)
Supplier Device Package	28-TQFN (5x5)	28-TQFN-EP (5x5)	28-TQFN (5x5)	40-TQFN (6x6)
Base Product Number	MAX16933	MAX16933	MAX16933	MAX16931
Function	Step-Down	Step-Down	Step-Down	Step-Up, Step-Down
Output Configuration	Positive	Positive	Positive	Positive
Topology	Buck	Buck	Buck	Buck, Boost
Number of Outputs	2	2	2	3
Serial Interfaces	-	-	-	-
Output Phases	2	2	2	2
Package / Case	28-WFQFN Exposed Pad	28-WFQFN Exposed Pad	28-WFQFN Exposed Pad	40-WFQFN Exposed Pad
Synchronous Rectifier	Yes	Yes	Yes	Yes
Duty Cycle (Max)	98.5%	98.5%	98.5%	95%
Voltage - Supply (Vcc/Vdd)	3.5V ~ 42V	3.5V ~ 42V	3.5V ~ 42V	3.5V ~ 42V

## MAX16933ATIR/V+T Datasheet PDF

Download MAX16933ATIR/V+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX16933ATIR/V+T - Analog Devices Inc./Maxim Integrated.

### Datasheets

[MAX16932-33.pdf](#)

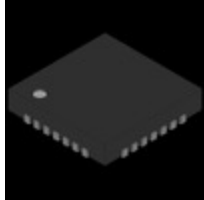
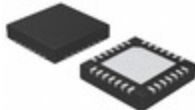



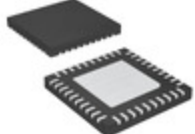
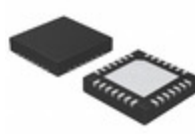
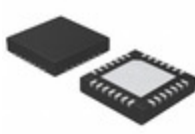
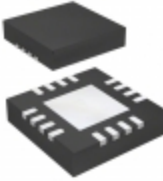


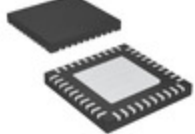
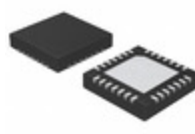
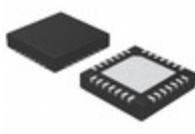


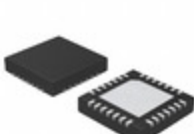
### Environmental Information

[Maxim Integrated RoHS Cert.pdf](#)

[Material Declaration MAX16933ATIR/V+T.pdf](#)

## Customers Also Interested in

### Recommended Products

					
<b>MAX16931AS/V+T</b> Analog Devices / Maxim Integrated	<b>MAX16933CATIR/VY+T</b> Analog Devices Inc./Maxim Integrated 2.2MHZ, 36V, DUAL BUCK	<b>MAX16933BATIS/V+T</b> Analog Devices Inc./Maxim Integrated IC REG CTRLR BUCK 28TQFN	<b>MAX16936SAUEB/V+</b> Analog Devices Inc./Maxim Integrated IC REG BUCK ADJ/3.3V 2.5A 16TSSO	<b>MAX16933AIR/V+T</b> Analog Devices / Maxim Integrated	<b>MAX16935RAUE/VAJ</b> Analog Devices / Maxim Integrated
					
<b>MAX16931BATLS/V+T</b> Analog Devices Inc./Maxim Integrated 1MHZ 36V DUAL BUCK	<b>MAX16933CATIS/V+T</b> Analog Devices Inc./Maxim Integrated IC REG BUCK 3.3V/5V/ADJ 28TQFN	<b>MAX16933BATIR/V+</b> Analog Devices Inc./Maxim Integrated 1MHZ, 36V, DUAL BUCK WITH 20UA Q	<b>MAX16936RATEA/V+T</b> Analog Devices Inc./Maxim Integrated IC REG BUCK ADJ/5V 2.5A 16TQFN	<b>MAX16931AS/V</b> Analog Devices / Maxim Integrated	<b>MAX16933CAIS/V</b> Analog Devices / Maxim Integrated
					
<b>MAX16931ATLS/V+</b> Analog Devices Inc./Maxim Integrated 2MHZ, 36V, DUAL BUCK WITH PREBOO	<b>MAX16932ATIR/V+T</b> Analog Devices Inc./Maxim Integrated IC REG CTRLR BUCK 28TQFN	<b>MAX16932CATIS/V+T</b> Analog Devices Inc./Maxim Integrated IC REG BUCK 3.3V/5V/ADJ 28TQFN	<b>MAX16931BATLS+T</b> Analog Devices / Maxim Integrated	<b>MAX16935SAUE/V+T</b> Analog Devices Inc./Maxim Integrated IC REG BUCK ADJ/5V 3.5A 16TSSOP	<b>MAX16932ATIR/V+</b> Analog Devices Inc./Maxim Integrated IC REG CTRLR BUCK 28TQFN

## 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

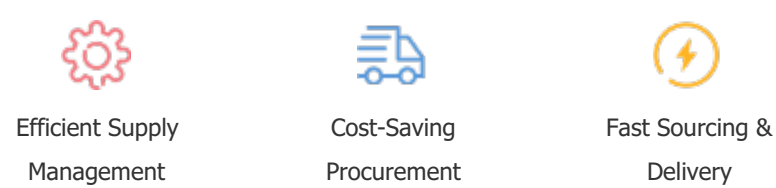
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

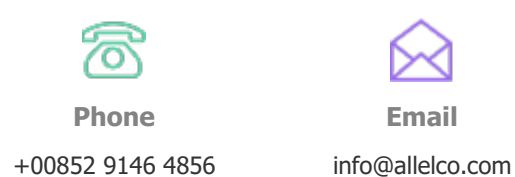
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



[View More](#)