

Image may be representation.  
See specifications for product details.



## MAX1953EUB

Manufacturer Part Number	<b>MAX1953EUB</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX1953EUB
ECAD Model	Request Free CAD Models
Parts Description	<b>CURRENT-MODE PWM BUCK CONTROLLER</b>
Package	<b>10-TFSOP, 10-MSOP (0.118", 3.00mm Width)</b>
Data sheet	MAX1953EUB.pdf

**Get a Quote**

MAX1953EUB - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX1953EUB datasheet/specifications on AllelcoElec.com.  
Request a quote for MAX1953EUB, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX1953EUB Tech Specifications  
MAX1953EUB - 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)	3V ~ 5.5V	Operating Temperature	-40°C ~ 85°C (TA)
Topology	Buck	Number of Outputs	1
Synchronous Rectifier	Yes	Mounting Type	Surface Mount
Supplier Device Package	10-uMAX	Function	Step-Down
Series	-	Frequency - Switching	1MHz
Serial Interfaces	-	Duty Cycle (Max)	89%
Package / Case	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	Control Features	Current Limit
Package	Bulk	Clock Sync	No
Output Type	Transistor Driver	Base Product Number	MAX1953
Output Phases	1		

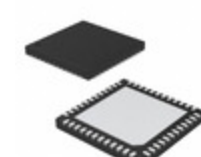
### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX1953EUB

Product Attribute				
Part Number	MAX1953EUB	MAX1953EUB+	MAX1954EUB	MAX1954AEUB+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Duty Cycle (Max)	89%	89%	89%	91%
Clock Sync	No	No	No	No
Base Product Number	MAX1953	MAX1953	MAX1954	MAX1954
Supplier Device Package	10-uMAX	10-uMAX/uSOP	10-uMAX	10-uMAX/uSOP
Synchronous Rectifier	Yes	Yes	Yes	Yes
Output Phases	1	1	1	1
Series	-	-	-	-
Output Type	Transistor Driver	Transistor Driver	Transistor Driver	Transistor Driver
Serial Interfaces	-	-	-	-
Number of Outputs	1	1	1	1
Control Features	Current Limit	Current Limit	Current Limit	-
Frequency - Switching	1MHz	1MHz	300kHz	300kHz
Package	Bulk	Tube	Bulk	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Function	Step-Down	Step-Down	Step-Down	Step-Down
Output Configuration	Positive	Positive	Positive	Positive
Topology	Buck	Buck	Buck	Buck
Voltage - Supply (Vcc/Vdd)	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V	3V ~ 13.2V
Package / Case	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)

### Customers Also Interested in

#### Recommended Products



**MAX1953EUB+**

Analog Devices Inc./Maxim Integrated  
IC REG CTRLR BUCK 10UMAX

**MAX1954EUB**

Analog Devices Inc./Maxim Integrated  
CURRENT-MODE PWM BUCK CONTROLLER

**MAX1952ESA+T**

Analog Devices Inc./Maxim Integrated  
IC REG BUCK 1.8V 2A 8SOIC

**MAX1951AESA+T**

Analog Devices Inc./Maxim Integrated  
IC REG BUCK ADJUSTABLE 2A 8SOIC

**MAX19515ETM+T**

Analog Devices Inc./Maxim Integrated  
IC ADC 10BIT PIPELINED 48TQFN

**MAX1954AEUB+T**

Analog Devices Inc./Maxim Integrated  
IC REG CTRLR BUCK 10UMAX



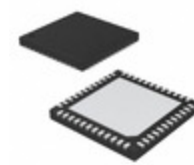
### MAX1951ESA+T

Analog Devices Inc./Maxim Integrated  
IC REG BUCK ADJUSTABLE 2A 850IC



### MAX1953EUB-TG069

Analog Devices / Maxim Integrated



### MAX19517ETM+

Analog Devices Inc./Maxim Integrated  
IC ADC 10BIT PIPELINED 48TQFN



### MAX1954AEUB

Analog Devices Inc./Maxim Integrated  
CURRENT-MODE PWM BUCK CONTROLLER



### MAX1954EUB+

Analog Devices Inc./Maxim Integrated  
IC REG CTRLR BUCK 10UMAX



### MAX1952ESA

Analog Devices Inc./Maxim Integrated  
PWM STEP-DOWN DC-TO-DC REGULATOR



### MAX1954AEUB+

Analog Devices Inc./Maxim Integrated  
IC REG CTRLR BUCK 10UMAX



### MAX1953EUB+T

Analog Devices Inc./Maxim Integrated  
IC REG CTRLR BUCK 10UMAX



### MAX1951ESA+

Analog Devices Inc./Maxim Integrated  
IC REG BUCK ADJUSTABLE 2A 850IC



### MAX1951ESA

Analog Devices / Maxim Integrated



### MAX1952ESA+

Analog Devices Inc./Maxim Integrated  
IC REG BUCK 1.8V 2A 850IC

## 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

Contact us if you have any questions.

- Phone  
+00852 9146 4856
- Email  
info@allelco.com

## Certifications & Memberships



View More



## Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong  
Phone: +00852 9146 4856  
Fax: +00852 3010 8510  
Email: info@Allelco.com