

Image may be representation.
See specifications for product details.



MAX5051AUI

Manufacturer Part Number	MAX5051AUI
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX5051AUI
ECAD Model	Request Free CAD Models
Parts Description	IC REG CTRLR MULT TOP 28TSSOP
Package	28-TSSOP (0.173", 4.40mm Width) Exposed Pad
Data sheet	MAX5051AUI.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MAX5051AUI - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX5051AUI datasheet/specifications on AllelcoElec.com. Request a quote for MAX5051AUI, please send us email: info@allelco.com

Specifications

MAX5051AUI Tech Specifications
MAX5051AUI - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Output Configuration	Positive, Isolation Capable
Voltage - Supply (Vcc/Vdd)	11V ~ 76V	Operating Temperature	-40°C ~ 125°C (TJ)
Topology	Flyback, Forward Converter	Number of Outputs	1
Synchronous Rectifier	Yes	Mounting Type	Surface Mount
Supplier Device Package	28-TSSOP-EP	Function	Step-Up/Step-Down
Series	-	Frequency - Switching	-
Serial Interfaces	-	Duty Cycle (Max)	48%
Package / Case	28-TSSOP (0.173", 4.40mm Width) Exposed Pad	Control Features	Frequency Control, Soft Start
Package	Tube	Clock Sync	Yes
Output Type	Transistor Driver	Base Product Number	MAX5051
Output Phases	1		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX5051AUI

Product Attribute				
Part Number	MAX5051AUI	MAX5053BEUA	MAX5053AEUA+T	MAX5053BEUA+
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Supplier Device Package	28-TSSOP-EP	8-uMAX/uSOP	8-uMAX/uSOP	8-uMAX/uSOP
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Control Features	Frequency Control, Soft Start	Enable	Enable	Enable
Package / Case	28-TSSOP (0.173", 4.40mm Width) Exposed Pad	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Output Phases	1	1	1	1
Frequency - Switching	-	262kHz	262kHz	262kHz
Output Type	Transistor Driver	Transistor Driver	Transistor Driver	Transistor Driver
Duty Cycle (Max)	48%	75%	50%	75%
Serial Interfaces	-	-	-	-
Series	-	-	-	-
Topology	Flyback, Forward Converter	Boost	Boost	Boost
Base Product Number	MAX5051	MAX5053	MAX5053	MAX5053
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply (Vcc/Vdd)	11V ~ 76V	10.8V ~ 24V	10.8V ~ 24V	10.8V ~ 24V
Function	Step-Up/Step-Down	Step-Up	Step-Up	Step-Up
Number of Outputs	1	1	1	1
Synchronous Rectifier	Yes	No	No	No
Clock Sync	Yes	No	No	No
Package	Tube	Tray	Tape & Reel (TR)	Tube
Output Configuration	Positive, Isolation Capable	Positive, Isolation Capable	Positive, Isolation Capable	Positive, Isolation Capable

MAX5051AUI Datasheet PDF

Download MAX5051AUI pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX5051AUI - Analog Devices Inc./Maxim Integrated.

Environmental Information

Maxim Integrated REACH.pdf
















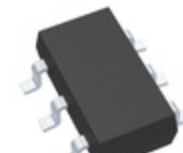


Maxim Integrated RoHS Cert.pdf

Part Numbering Guide

Part Numbering System.pdf

Customers Also Interested in

Recommended Products

					
MAX504CSD+ Analog Devices Inc./Maxim Integrated IC DAC 10BIT V-OUT 14SOIC	MAX5053BEUA Analog Devices Inc./Maxim Integrated IC REG CTRLR BOOST 8UMAX	MAX504CSD+T Analog Devices Inc./Maxim Integrated IC DAC 10BIT V-OUT 14SOIC	MAX504CPD Analog Devices Inc./Maxim Integrated IC DAC 10BIT V-OUT 14DIP	MAX504CSD-T Analog Devices / Maxim Integrated	MAX5052BEUA Analog Devices Inc./Maxim Integrated IC OFFLINE SWITCH MULT TOP 8UMAX
					
MAX5052BEUA+T Analog Devices Inc./Maxim Integrated IC OFFLINE SWITCH MULT TOP 8UMAX	MAX5054AATA+T Analog Devices Inc./Maxim Integrated IC GATE DRVR LOW-SIDE 8TDFN	MAX5053AEUA+T Analog Devices Inc./Maxim Integrated IC REG CTRLR BOOST 8UMAX	MAX504ESD+ Analog Devices Inc./Maxim Integrated IC DAC 10BIT V-OUT 14SOIC	MAX504CSD Analog Devices Inc./Maxim Integrated IC DAC 10BIT V-OUT 14SOIC	MAX5052AEUA Analog Devices Inc./Maxim Integrated IC OFFLINE SWITCH MULT TOP 8UMAX
					
MAX504ESD+T Analog Devices Inc./Maxim Integrated IC DAC 10BIT V-OUT 14SOIC	MAX5054AATA/V+T Analog Devices Inc./Maxim Integrated IC GATE DRVR LOW-SIDE 8TDFN	MAX5052AEUA+T Analog Devices Inc./Maxim Integrated IC OFFLINE SWITCH MULT TOP 8UMAX	MAX5048CAUT+T Analog Devices Inc./Maxim Integrated IC GATE DRVR LOW-SIDE SOT23-6	MAX504ESD Analog Devices Inc./Maxim Integrated IC DAC 10BIT V-OUT 14SOIC	MAX5053BEUA+ Analog Devices Inc./Maxim Integrated IC REG CTRLR BOOST 8UMAX

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

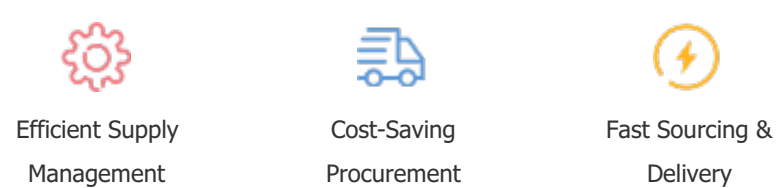
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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](#)