



# MAX32550-LCS+

Manufacturer Part Number	<b>MAX32550-LCS+</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX32550-LCS+
ECAD Model	Request Free CAD Models
Parts Description	IC MCU 32BIT 1MB FLASH 121CTBGA
Package	121-LFBGA
Data sheet	MAX32550-LCS+.pdf
RoHS Status	ROHS3 Compliant



**Get a Quote**

MAX32550-LCS+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX32550-LCS+ datasheet/specifications on AllelcoElec.com.  
Request a quote for MAX32550-LCS+, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

MAX32550-LCS+ Tech Specifications  
MAX32550-LCS+ - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	3.3V	Operating Temperature	-
Supplier Device Package	121-CTBGA (8x8)	Number of I/O	70
Speed	108MHz	Mounting Type	Surface Mount
Series	DeepCover®	EEPROM Size	-
RAM Size	256K x 8	Data Converters	A/D 2x10b; A/D 1x8b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	1MB (1M x 8)	Core Processor	ARM® Cortex®-M3
Peripherals	DMA, PWM	Connectivity	I²C, SPI, UART/USART
Package / Case	121-LFBGA	Base Product Number	MAX32550
Package	Tray		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX32550-LCS+

Product Attribute	NO PICTURE			
Part Number	MAX32550-LCS+	MAX32555-LND+	MAX32555-LNS+T	MAX32552-LNJ+
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Speed	108MHz	60MHz	60MHz	108MHz
EEPROM Size	-	-	-	-
Operating Temperature	-	-	-	-
Supplier Device Package	121-CTBGA (8x8)	121-CTBGA (8x8)	121-CTBGA (8x8)	121-CTBGA (8x8)
Program Memory Type	FLASH	FLASH	FLASH	FLASH
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
Package	Tray	Tray	Tape & Reel (TR)	Tray
Package / Case	121-LFBGA	121-LFBGA	121-LFBGA	121-LFBGA
Series	DeepCover®	DeepCover®	DeepCover®	DeepCover®
Program Memory Size	1MB (1M x 8)	512KB (512K x 8)	512KB (512K x 8)	1MB (1M x 8)
Core Processor	ARM® Cortex®-M3	ARM® Cortex®-M3	ARM® Cortex®-M3	ARM® Cortex®-M3
Peripherals	DMA, PWM	DMA, LCD, PWM, WDT	DMA, LCD, PWM, WDT	DMA, LCD, PWM, WDT
Connectivity	I²C, SPI, UART/USART	I²C, SPI, UART/USART, USB	I²C, SPI, UART/USART, USB	I²C, SPI, UART/USART, USB
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Oscillator Type	Internal	Internal	Internal	Internal
Number of I/O	70	70	70	64
Base Product Number	MAX32550	MAX32555	MAX32555	MAX32552
Voltage - Supply (Vcc/Vdd)	3.3V	3.3V	3.3V	3.3V
RAM Size	256K x 8	96K x 8	96K x 8	384K x 8
Data Converters	A/D 2x10b; A/D 1x8b	A/D 6x10b; D/A 1x8b	A/D 6x10b; A/D 1x8b	A/D 2x10b; A/D 1x8b

## MAX32550-LCS+ Datasheet PDF

Download MAX32550-LCS+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX32550-LCS+ - Analog Devices Inc./Maxim Integrated.



















### Environmental Information

Maxim Integrated REACH.pdf

Maxim Integrated RoHS Cert.pdf

## Customers Also Interested in

### Recommended Products

 <b>MAX32550</b> Analog Devices / Maxim Integrated	 <b>MAX324ESA</b> Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NCX2 60OHM 8SOIC	 <b>MAX3250CAI+</b> Analog Devices Inc./Maxim Integrated IC TRANSCEIVER FULL 2/2 28SSOP	 <b>MAX3250CAI+T</b> Analog Devices Inc./Maxim Integrated IC TRANSCEIVER FULL 2/2 28SSOP	 <b>MAX32555-LND+</b> Analog Devices Inc./Maxim Integrated IC MCU 32BIT 512KB FLSH 121CTBGA	 <b>MAX32555-LNS+T</b> Analog Devices Inc./Maxim Integrated IC MCU 32BIT 512KB FLSH 121CTBGA
 <b>MAX32555</b> Analog Devices / Maxim Integrated	 <b>MAX32552-LNJ+</b> Analog Devices Inc./Maxim Integrated IC MCU 32BIT 1MB FLASH 121CTBGA	 <b>MAX3250CAI</b> Analog Devices / Maxim Integrated	 <b>MAX32550-LCS+T</b> Analog Devices Inc./Maxim Integrated IC MCU 32BIT 1MB FLASH 121CTBGA	 <b>MAX324CUA+T</b> Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NCX2 60OHM 8UMAX	 <b>MAX3250EAI</b> Analog Devices Inc./Maxim Integrated RS-232 TRANSCEIVERS
 <b>MAX3250EAI+</b> Analog Devices Inc./Maxim Integrated IC TRANSCEIVER FULL 2/2 28SSOP	 <b>MAX3250EAI+T</b> Analog Devices Inc./Maxim Integrated IC TRANSCEIVER FULL 2/2 28SSOP	 <b>MAX32550-LNJ</b> Analog Devices / Maxim Integrated	 <b>MAX32555-LNS+</b> Analog Devices Inc./Maxim Integrated IC MCU 32BIT 512KB FLSH 121CTBGA	 <b>MAX324CUA+</b> Analog Devices Inc./Maxim Integrated IC SWITCH SPST-NCX2 60OHM 8UMAX	 <b>MAX32550-LNS+</b> Analog Devices Inc./Maxim Integrated IC MCU 32BIT 1MB FLASH 121CTBGA

## 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.

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 Email  
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## Certifications & Memberships



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