



Image may be representation.
See specifications for product details.



ADSP-21565KSWZ8

| | |
|--------------------------|-------------------------------------|
| Manufacturer Part Number | ADSP-21565KSWZ8 |
| Manufacturer | Analog Devices, Inc. |
| Allelco Part Number | 32D-ADSP-21565KSWZ8 |
| ECAD Model | PCB Symbol, Footprint & 3D Mode |
| Parts Description | 800 MHZ SHARC IN AN LQFP PACKAGE |
| Package | 120-LQFP Exposed Pad |
| Data sheet | ADSP-21562-63, 65-67, 69.pdf |
| RoHs Status | ROHS3 Compliant |

Get a Quote

ADSP-21565KSWZ8 - Analog Devices Inc..New Original in Stock. Download Linear Technology ADSP-21565KSWZ8 datasheet/specifications on AllelcoElec.com.
Request a quote for ADSP-21565KSWZ8, please send us email: info@allelco.com

Specifications

ADSP-21565KSWZ8 Tech Specifications
ADSP-21565KSWZ8 - Analog Devices Inc. technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|-------------------------|----------------------|-----------------------|--|
| Manufacturer | Analog Devices, Inc. | Package | Tray |
| Voltage - I/O | 3.30V | Operating Temperature | 0°C ~ 70°C (TA) |
| Voltage - Core | 1.00V | On-Chip RAM | 1.625MB |
| Type | Fixed/Floating Point | Non-Volatile Memory | OTP (896B) |
| Supplier Device Package | 120-LQFP-EP (14x14) | Mounting Type | Surface Mount |
| Series | SHARC® | Interface | DDR3, DDR3L, I²C, Link Port, QSPI, SPDIF, SPI, SPORT, UART/USART |
| Package / Case | 120-LQFP Exposed Pad | Clock Rate | 800MHz |

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADSP-21565KSWZ8

| Product Attribute | | | | |
|-------------------------|--|----------------------------------|---|---|
| Part Number | ADSP-21565KSWZ8 | ADSP-21569KBCZ8 | ADSP-21489KSWZ-3A | ADSP-21489KSWZ-4A |
| Manufacturer | Analog Devices Inc. | Analog Devices Inc. | Analog Devices Inc. | Analog Devices Inc. |
| Voltage - I/O | 3.30V | 3.30V | 3.30V | 3.30V |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Series | SHARC® | SHARC® | SHARC® | SHARC® |
| Package / Case | 120-LQFP Exposed Pad | 400-LBGA, CSPBGA | 100-LQFP Exposed Pad | 100-LQFP Exposed Pad |
| Interface | DDR3, DDR3L, I²C, Link Port, QSPI, SPDIF, SPI, SPORT, UART/USART | CAN, I²C, SPI, SPORT, UART/USART | EBI/EMI, DAI, I²C, SPI, SPORT, UART/USART | EBI/EMI, DAI, I²C, SPI, SPORT, UART/USART |
| Non-Volatile Memory | OTP (896B) | External | External | External |
| Supplier Device Package | 120-LQFP-EP (14x14) | 400-CSPBGA (17x17) | 100-LQFP-EP (14x14) | 100-LQFP-EP (14x14) |
| On-Chip RAM | 1.625MB | 1.625MB | 5Mbit | 5Mbit |
| Package | Tray | Tray | Tray | Tray |
| Operating Temperature | 0°C ~ 70°C (TA) | 0°C ~ 70°C (TA) | 0°C ~ 70°C (TA) | 0°C ~ 70°C (TA) |
| Voltage - Core | 1.00V | 1.00V | 1.10V | 1.10V |
| Clock Rate | 800MHz | 800MHz | 350MHz | 400MHz |
| Type | Fixed/Floating Point | Fixed/Floating Point | Floating Point | Floating Point |

ADSP-21565KSWZ8 Datasheet PDF

Download ADSP-21565KSWZ8 pdf datasheets and Analog Devices Inc. documentation for ADSP-21565KSWZ8 - Analog Devices Inc..

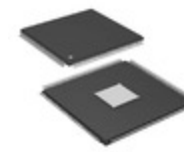
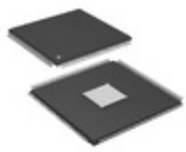
Datasheets

[ADSP-21562-63, 65-67, 69.pdf](#)

Customers Also Interested in

Recommended Products

| | | | | | |
|---|---|--|--|--|--|
| | | | | | |
| ADSP-21489KSWZ ADI (Analog Devices, Inc.) | ADSP-21569KBCZ8 Analog Devices Inc. 800 MHZ SHARC WITH DDR IN A BGA | ADSP-21489KSWZ-3A Analog Devices Inc. IC CCD SIGNAL PROCESSOR 100LQFP | ADSP-21565WCSWZ10 ADI (Analog Devices, Inc.) | ADSP-21565SWZ8-ENG ADI (Analog Devices, Inc.) | ADSP-21489KSWZ-4A Analog Devices Inc. IC SHARC AUDIO DSP 100LQFP |
| | | | | | |
| ADSP-21569BCZ8-ENG ADI (Analog Devices, Inc.) | ADSP-21565KSWZ10 Analog Devices Inc. 1000 MHZ SHARC IN AN LQFP PACKA | ADSP-21569BBCZ10 Analog Devices Inc. 1000 MHZ SHARC WITH DDR IN A BGA | ADSP-21569KBCZ10 Analog Devices Inc. 1000 MHZ SHARC WITH DDR IN A BGA | ADSP-21489KSWZ-5B Analog Devices Inc. IC CCD SIGNAL PROCESSOR 208LQFP | ADSP-21489KSWZ-4B Analog Devices Inc. IC CCD SIGNAL PROCESSOR 176LQFP |



ADSP-21571KSWZ-4

Analog Devices Inc.
2X SHARC, LQFP PACKAGE, 450 MHZ

ADSP-21489KSWZENG8

ADI (Analog Devices, Inc.)

ADSP-21565BSWZ10

Analog Devices Inc.
1000 MHZ SHARC IN AN LQFP PACKAGE

ADSP-21562KSWZ4

Analog Devices Inc.
400 MHZ SHARC IN AN LQFP PACKAGE

ADSP-21571CSWZ-4

Analog Devices Inc.
2X SHARC, LQFP PACKAGE, 450 MHZ

ADSP-21535PKB-300X

ADI (Analog Devices, Inc.)

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



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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

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