

Image may be representation.  
See specifications for product details.



## ADSP-TS101SAB1-100

|                          |  |
|--------------------------|--|
| Manufacturer Part Number | <a href="#">ADSP-TS101SAB1-100</a>   |
| Manufacturer             | <a href="#">Analog Devices, Inc.</a>   |
| Allelco Part Number      | 32D-ADSP-TS101SAB1-100   |
| ECAD Model               | PCB Symbol, Footprint & 3D Model   |
| Parts Description        | IC DSP CTRLR 128BIT BUS 625BGA   |
| Package                  | 625-BBGA   |
| Data sheet               | <a href="#">Cylindrical Battery Holders.pdf</a><br><a href="#">Cylindrical Battery Holders.pdf</a> |

**Get a Quote**

ADSP-TS101SAB1-100 - Analog Devices Inc..New Original in Stock. Download Linear Technology ADSP-TS101SAB1-100 datasheet/specifications on AllelcoElec.com. Request a quote for ADSP-TS101SAB1-100, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ADSP-TS101SAB1-100 Tech Specifications  
ADSP-TS101SAB1-100 - Analog Devices Inc. technical specifications, attributes, parameters

| Product Attribute       | Attribute Value      | Product Attribute     | Attribute Value                            |
|-------------------------|----------------------|-----------------------|--|
| Manufacturer            | Analog Devices, Inc. | Operating Temperature | -40°C ~ 85°C (TC)                          |
| Voltage - I/O           | 3.30V                | On-Chip RAM           | 768kB                                      |
| Voltage - Core          | 1.20V                | Non-Volatile Memory   | External                                   |
| Type                    | Fixed/Floating Point | Mounting Type         | Surface Mount                              |
| Supplier Device Package | 625-PBGA (27x27)     | Interface             | Host Interface, Link Port, Multi-Processor |
| Series                  | TigerSHARC®          | Clock Rate            | 300MHz                                     |
| Package / Case          | 625-BBGA             | Base Product Number   | ADSP-TS101                                 |
| Package                 | Tray                 |                       |  |

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADSP-TS101SAB1-100

| Product Attribute       |  |  |   |  |
|-------------------------|--|--|---|--|
| Part Number             | ADSP-TS101SAB1-100                         | <a href="#">ADSP-SC572BBCZ-4</a>   | <a href="#">ADSP-CM408CSWZ-AF</a>               | <a href="#">ADSP-TS101SAB2Z100</a>         |
| Manufacturer            | Analog Devices Inc.                        | Analog Devices Inc.  | Analog Devices Inc.                             | Analog Devices Inc.                        |
| Voltage - Core          | 1.20V                                      | 1.10V  | 1.20V   | 1.20V                                      |
| Series                  | TigerSHARC®                                | SHARC®   | -   | TigerSHARC®                                |
| Type                    | Fixed/Floating Point                       | Fixed/Floating Point   | Floating Point                                  | Fixed/Floating Point                       |
| Operating Temperature   | -40°C ~ 85°C (TC)                          | -40°C ~ 85°C (TA)  | -40°C ~ 105°C (TA)                              | -40°C ~ 85°C (TC)                          |
| On-Chip RAM             | 768kB                                      | 1.640MB  | 384kB   | 768kB                                      |
| Interface               | Host Interface, Link Port, Multi-Processor | CAN, EBI/EMI, Ethernet, DAI, I²C, MMC/SD/SDIO, SPI, SPORT, UART/USART, USB OTG | CAN, Ethernet, I²C, SPI, SPORT, UART/USART, USB | Host Interface, Link Port, Multi-Processor |
| Package                 | Tray                                       | Tray   | Tray  | Tray                                       |
| Supplier Device Package | 625-PBGA (27x27)                           | 400-CSPBGA (17x17)   | 176-LQFP-EP (24x24)                             | 484-PBGA (19x19)                           |
| Base Product Number     | ADSP-TS101                                 | ADSP-SC572   | ADSP-CM408                                      | ADSP-TS101                                 |
| Package / Case          | 625-BBGA                                   | 400-LFBGA, CSPBGA  | 176-LQFP Exposed Pad                            | 484-BFBGA                                  |
| Clock Rate              | 300MHz                                     | 450MHz, 450MHz   | 240MHz  | 300MHz                                     |
| Voltage - I/O           | 3.30V                                      | 3.30V  | 3.30V   | 3.30V                                      |
| Mounting Type           | Surface Mount                              | Surface Mount  | Surface Mount                                   | Surface Mount                              |
| Non-Volatile Memory     | External                                   | External   | FLASH (2MB)                                     | External                                   |

### ADSP-TS101SAB1-100 Datasheet PDF

Download ADSP-TS101SAB1-100 pdf datasheets and Analog Devices Inc. documentation for ADSP-TS101SAB1-100 - Analog Devices Inc..

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### PCN Obsolescence/ EOL

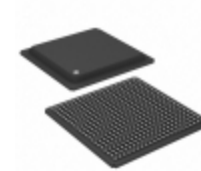
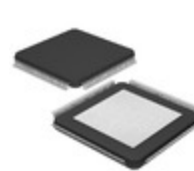
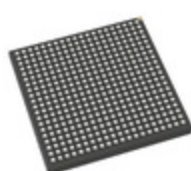
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#### HTML Datasheet

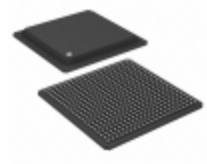
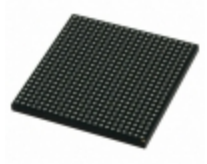


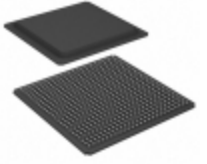
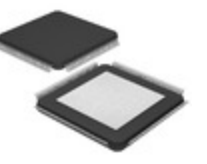

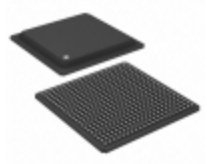
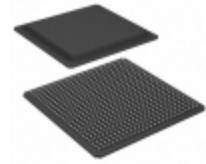



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### Customers Also Interested in

#### Recommended Products



NO PICTURE

| ADSP-TS101SAB1Z-000   | ADSP-TS101SAB2-0   | ADSP-SC572BBCZ-4  | ADSP-CM408CSWZ-AF  | ADSP-TS101SAB2Z100  | ADSP-TS101S-AB1-1   |
|---|--|---|--|---|---|
| ADI (Analog Devices, Inc.)  | ADI (Analog Devices, Inc.)   | Analog Devices Inc.<br>ARM, 1X SHARC, DDR, BGA PKG                                  | Analog Devices Inc.<br>IC ARM CORTEX M4 FLASH 176LQFP                              | Analog Devices Inc.<br>IC DSP CTRLR 6MBIT 300MHZ<br>484BGA                              | SHARC   |
|    |       |    |  |      |    |
| <b>ADSP-TS101SAB2-000</b><br>Analog Devices Inc.<br>IC DSP CONTROLLER 6MBIT 484 BGA | <b>ADSP-SC587KBCZ-4B</b><br>Analog Devices Inc.<br>ARM, 2XSHARC, DUAL DDR, HPC<br>PACK | <b>ADSP-TS101SAB1Z-100</b><br>ADI (Analog Devices, Inc.)                            | <b>ADSP-TS101SAABI</b><br>ADI (Analog Devices, Inc.)                               | <b>ADSP-TS101SAB1Z000</b><br>Analog Devices Inc.<br>IC DSP CONTROLLER 6MBIT 625-<br>BGA | <b>ADSP-CM408CSWZ-BF</b><br>Analog Devices Inc.<br>IC ARM CORTEX M4 FLASH 176LQFP     |
|    |       |    |  |      |    |
| <b>ADSP-TS101SAB1Z-0</b><br>ADI (Analog Devices, Inc.)                              | <b>ADSP-TS101SAB2-100</b><br>Analog Devices Inc.<br>IC DSP CONTROLLER 6MBIT 484 BGA    | <b>ADSP-TS101SAB1Z100</b><br>Analog Devices Inc.<br>IC DSP CTRLR 128BIT BUS 625-BGA | <b>ADSP-SC584KBCZ-5A</b><br>Analog Devices Inc.<br>ARM, 2XSHARC, DDR, LPC PACKAGE  | <b>ADSP-SC583KBCZ-4A</b><br>Analog Devices Inc.<br>ARM, 2X 3MB SHARC, SINGLE DDR, L     | <b>ADSP-CM409CBCZ-AF</b><br>Analog Devices Inc.<br>IC ARM CORTEX M4 FLASH<br>212CSBGA |

## 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           |

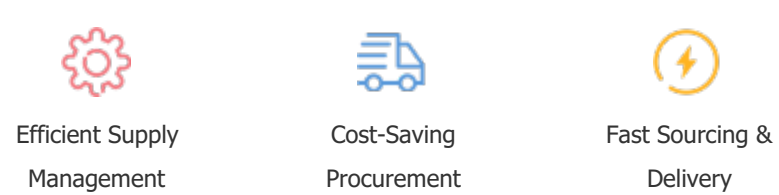
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### 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



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