

IDTSTAC9205X3TAEB2X



**Part Number:** [IDTSTAC9205X3TAEB2X](#)

**Manufacturer:** [IDT \(Integrated Device Technology\)](#)

**Description:** IC AUD CODEC 4CH HD 3.3V 48-LQFP

**Data sheet:**  [STAC9204/05](#)

**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                  |                                     |                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|-------------------------------------|----------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IDTSTAC9205X3TAEB2X                                              | Manufacturer                        | <a href="#">IDT (Integrated Device Technology)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC AUD CODEC 4CH HD 3.3V 48-LQFP                                 | Lead Free Status / RoHS Status      | Lead free / RoHS Compliant                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5193 pcs                                                         | Data sheet                          | <a href="#">STAC9204/05</a>                        |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a>                        | Voltage - Supply, Digital           | 3.14 V ~ 3.47 V                                    |
| Voltage - Supply, Analog                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 3.14 V ~ 3.47 V; 3.8 V ~ 4.2 V; 4.28 V ~ 4.73 V; 4.75 V ~ 5.25 V | Type                                | Audio, HD                                          |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 48-TQFP (7x7)                                                    | Sigma Delta                         | No                                                 |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                                                | S/N Ratio, ADCs / DACs (db) Typ     | 98 / 103                                           |
| Resolution (Bits)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 24 b                                                             | Packaging                           | Tray                                               |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 48-LQFP                                                          | Other Names                         | STAC9205X3TAEB2X                                   |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0°C ~ 70°C                                                       | Number of ADCs / DACs               | 2 / 2                                              |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Surface Mount                                                    | Moisture Sensitivity Level (MSL)    | 3 (168 Hours)                                      |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Lead free / RoHS Compliant                                       | Dynamic Range, ADCs / DACs (db) Typ | 98 / 95                                            |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Audio, HD Interface 24 b 48-TQFP (7x7)                           | Data Interface                      | -                                                  |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | IDTSTAC9205                                                      |                                     |                                                    |
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| RELATED PRODUCTS                                                                   |                                                                                              |                                                                   |                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">IDTSTAC9220X5TAE6X</a><br>Description: IC AUDIO CODEC 8CH HD 5V 48-QFP    | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IDTSTAC9204X5TAEB2XR</a><br>Description: IC AUDIO CODEC 4CH HD 5V 48-LQFP | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IDTSTAC9227X3TAEB4X</a><br>Description: IC AUDIO CODEC 8CH HD 3.3V 48QFP  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IDTSTAC9204X3TAEB2X</a><br>Description: IC AUD CODEC 4CH HD 3.3V 48-LQFP  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">IDTSTAC9204X3NBEB2XR</a><br>Description: IC AUDIO CODEC 4CH HD 3.3V 48QFN | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">IDTSTAC9204X3TAEB2XR</a><br>Description: IC AUD CODEC 4CH HD 3.3V 48-LQFP | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">IDTSTAC9204X5NBEB2XR</a><br>Description: IC AUDIO CODEC 4CH HD 5V 48-QFN  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
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| IDT, Integrated Device Technology Inc | Integrated Device Technology (IDT)     |                               |                                    |
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