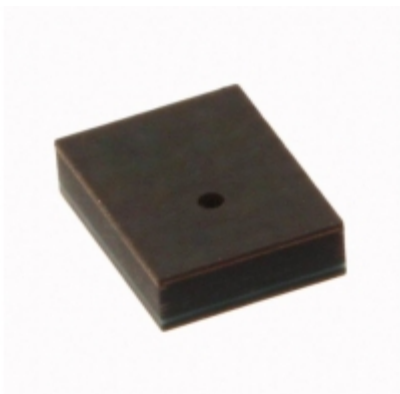


MP34DT01TR



Images are for reference only.  
See Product Specifications for product details.  
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**Part Number:** [MP34DT01TR](#)

**Manufacturer:** [STMicroelectronics](#)

**Description:** MIC MEMS DIGITAL PDM OMNI -26DB

**Data sheet:**  [MP34DT01](#)

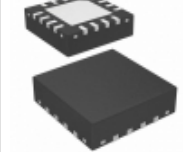
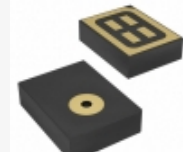
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                 |                                |                                                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                  | MP34DT01TR                      | Manufacturer                   | <a href="#">STMicroelectronics</a>                                                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                  | MIC MEMS DIGITAL PDM OMNI -26DB | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                           | 97595 pcs                       | Data sheet                     | <a href="#">MP34DT01</a>                                                                                              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Audio Products</a>  | Voltage Range                  | 1.64V ~ 3.6V                                                                                                          |
| Voltage - Rated                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1.8V                            | Type                           | MEMS (Silicon)                                                                                                        |
| Termination                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Solder Pads                     | Size / Dimension               | 0.157" L x 0.118" W (4.00mm x 3.00mm)                                                                                 |
| Shape                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Rectangular                     | Series                         | -                                                                                                                     |
| Sensitivity                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -26dB ±3dB @ 94dB SPL           | S/N Ratio                      | 63dB                                                                                                                  |
| Port Location                                                                                                                                                                                                                                                                                                                                                                                                                                                | Top                             | Packaging                      | Tape & Reel (TR)                                                                                                      |
| Output Type                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Digital, PDM                    | Other Names                    | 497-12016-2                                                                                                           |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                             | 3 (168 Hours)                   | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                            |
| Height (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0.043" (1.10mm)                 | Frequency Range                | 100Hz ~ 10kHz                                                                                                         |
| Direction                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Omnidirectional                 | Detailed Description           | 100Hz ~ 10kHz Digital, PDM Microphone MEMS (Silicon) 1.64V ~ 3.6V Omnidirectional (-26dB ±3dB @ 94dB SPL) Solder Pads |
| Current - Supply                                                                                                                                                                                                                                                                                                                                                                                                                                             | 600µA                           |                                |                                                                                                                       |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all STMicroelectronics series electronic components. We have 97595 pieces of STMicroelectronics MP34DT01TR in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                 |                                |                                                                                                                       |

| RELATED PRODUCTS                                                                   |                                                                                       |                                                               |                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">MP350-C0</a><br>Description: MARKER PLATE                          | Manufacturers: <a href="#">Panduit</a>                        | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP3431GL-Z</a><br>Description: 21A, 16VOUT HIGH EFFICIENCY SYNC    | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP34DB02TR</a><br>Description: MIC MEMS DIGITAL PDM OMNI 4RHLGA    | Manufacturers: <a href="#">STMicroelectronics</a>             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP34DT04TR-C1</a><br>Description: MIC MEMS DIGITAL PDM -26DB       | Manufacturers: <a href="#">STMicroelectronics</a>             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP3430HQ-LF-Z</a><br>Description: 90V STEP-UP CONVERTER WITH APD C | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP34DT05TR</a><br>Description: MIC MEMS DIGITAL PDM OMNI -26DB     | Manufacturers: <a href="#">STMicroelectronics</a>             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP350-M</a><br>Description: MARKER PLATE                           | Manufacturers: <a href="#">Panduit</a>                        | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP3430HQ-Z</a><br>Description: 90V STEP-UP CONVERTER WITH APD C    | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP34DT02TR</a><br>Description: MIC MEMS DIGITAL PDM OMNI 4HCLGA    | Manufacturers: <a href="#">STMicroelectronics</a>             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP350-C</a><br>Description: MARKER PLATE                           | Manufacturers: <a href="#">Panduit</a>                        | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP347A</a><br>Description: AC/DC CONVERTER 24V 2W                  | Manufacturers: <a href="#">Thomas Research Products</a>       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP3431GL-P</a><br>Description: 21A, 16VOUT HIGH EFFICIENCY SYNC    | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP34DT01TR-M</a><br>Description: MIC MEMS DIGITAL PDM OMNI 5HCLGA  | Manufacturers: <a href="#">STMicroelectronics</a>             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP34DT05TR-A</a><br>Description: MEMS AUD MIC SENSOR OMNI 4HCLGA   | Manufacturers: <a href="#">STMicroelectronics</a>             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP34DB01</a><br>Description: MIC MEMS DIGITAL PDM OMNI -26DB       | Manufacturers: <a href="#">STMicroelectronics</a>             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP34DT01</a><br>Description: MIC MEMS DIGITAL OMNI -26DB           | Manufacturers: <a href="#">STMicroelectronics</a>             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP3430HQ-P</a><br>Description: 90V STEP-UP CONVERTER WITH APD C    | Manufacturers: <a href="#">MPS (Monolithic Power Systems)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP34DT05JTR</a><br>Description: MIC MEMS DIGITAL PDM OMNI LGA      | Manufacturers: <a href="#">STMicroelectronics</a>             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP34DB01TR</a><br>Description: MIC MEMS DIGITAL PDM OMNI -26DB     | Manufacturers: <a href="#">STMicroelectronics</a>             | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MP34DT04TR</a><br>Description: MEMS AUD MIC SENSOR OMNI 4HCLGA     | Manufacturers: <a href="#">STMicroelectronics</a>             | <a href="#">RFQ</a> |

Related keywords for MP34DT01TR

|                               |                        |                     |                  |
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