

ISD1612BSYIR



Part Number: [ISD1612BSYIR](#)

Manufacturer: [Nuvoton Technology Corporation America](#)

Description: IC VOICE REC/PLAY 12SEC 16-SOIC

Data sheet:  [ISD1600B Series Preliminary](#)

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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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                       |                                |                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|--------------------------------|--------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ISD1612BSYIR                                                          | Manufacturer                   | <a href="#">Nuvoton Technology Corporation America</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC VOICE REC/PLAY 12SEC 16-SOIC                                       | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 5607 pcs                                                              | Data sheet                     | <a href="#">ISD1600B Series Preliminary</a>            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a>                             | Voltage - Supply               | 2.4V ~ 5.5V                                            |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 16-SOIC                                                               | Series                         | ChipCorder®                                            |
| Sampling Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 4 ~ 12kHz                                                             | Package / Case                 | 16-SOIC (0.154", 3.90mm Width)                         |
| Output Signal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Analog - Single Ended, PWM Speaker Output                             | Oscillator Type                | Internal                                               |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -40°C ~ 85°C (TA)                                                     | Mounting Type                  | Surface Mount                                          |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3 (168 Hours)                                                         | Messaging                      | Single                                                 |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Lead free / RoHS Compliant                                            | Interface                      | Pushbutton                                             |
| Input Signal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Microphone                                                            | Filter Pass Band               | -                                                      |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Automatic Gain Control                                                | Duration                       | 8 ~ 24 Sec                                             |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Voice Record/Playback IC Single Message 8 ~ 24 Sec Pushbutton 16-SOIC |                                |                                                        |
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|  | Part#: <a href="#">ISD1612BPY</a><br>Description: IC VOICE REC/PLAY 12SEC 16-DIP     | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <div>RFQ</div> |
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