

ISD1610BPIY



Part Number: [ISD1610BPIY](#)

Manufacturer: [Nuvoton Technology Corporation America](#)

Description: IC VOICE REC/PLAY 10SEC 16-DIP

Data sheet:  [ISD1600B Series Preliminary](#)

RoHs Status: Not applicable / Not applicable

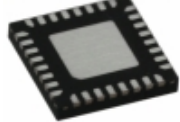
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                        |                                |                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|--------------------------------|--------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ISD1610BPIY                                                            | Manufacturer                   | <a href="#">Nuvoton Technology Corporation America</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC VOICE REC/PLAY 10SEC 16-DIP                                         | Lead Free Status / RoHS Status | Not applicable / Not applicable                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4292 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-DIP                                                                 | Series                         | ChipCorder®                                            |
| Sampling Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4 ~ 12kHz                                                              | Package / Case                 | 16-DIP (0.300", 7.62mm)                                |
| Output Signal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Analog - Single Ended, PWM Speaker Output                              | Oscillator Type                | Internal                                               |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -40°C ~ 85°C (TA)                                                      | Mounting Type                  | Through Hole                                           |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1 (Unlimited)                                                          | Messaging                      | Single                                                 |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Not applicable / Not applicable                                        | Interface                      | Pushbutton                                             |
| Input Signal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Microphone                                                             | Filter Pass Band               | -                                                      |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Automatic Gain Control                                                 | Duration                       | 6.6 ~ 20 Sec                                           |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Voice Record/Playback IC Single Message 6.6 ~ 20 Sec Pushbutton 16-DIP |                                |                                                        |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                                                       |                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">ISD1420SY</a><br>Description: IC MEM VOICE REC/PLAY 20S 28SOIC    | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISD1610BSY</a><br>Description: IC VOICE REC/PLAY 10SEC 16-SOIC    | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISD1610BSYI01</a><br>Description: IC VOICE REC/PLAY 10SEC 16-SOIC | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISD1610BPYI</a><br>Description: IC VOICE REC/PLAY 10SEC 16-DIP    | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISD15102FYI</a><br>Description: IC VOICE REC/PLAY 3V 2MIN 48LQFP  | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISD1610BSYR</a><br>Description: IC VOICE REC/PLAY 10SEC 16-SOIC   | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISD15D00YYI</a><br>Description: IC CHIPCORDER AUDIO 32QFN         | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISD1610BSYI</a><br>Description: IC VOICE REC/PLAY 10SEC 16-SOIC   | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISD1610BPY</a><br>Description: IC VOICE REC/PLAY 10SEC 16-DIP     | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ISD15C00FYI</a><br>Description: IC DGTL CHIPCORDER 48LQFP         | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISD1610BSY01</a><br>Description: IC VOICE REC/PLAY 10SEC 16-SOIC  | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISD1420SYR</a><br>Description: IC MEM VOICE REC/PLAY 20S 28SOIC   | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISD15108FYI</a><br>Description: IC VOICE REC/PLAY 3V 8MIN 48LQFP  | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISD15104FYI</a><br>Description: IC VOICE REC/PLAY 3V 4MIN 48LQFP  | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISD1610BPY01</a><br>Description: IC VOICE REC/PLAY 10SEC 16-DIP   | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISD1420SI</a><br>Description: IC VOICE REC/PLAY 20SEC 28-SOIC     | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISD15116FYI</a><br>Description: IC VOICE REC/PLAY 3V 16MIN48LQFP  | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISD1420SIR</a><br>Description: IC VOICE REC/PLAY 20-SEC 28-SOIC   | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ISD1610BSYIR</a><br>Description: IC VOICE REC/PLAY 10SEC 16-SOIC  | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <div>RFQ</div> |

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|-----------------------------------------|----------------------------------------|--------------------------------|-------------------------------------------|
| Related keywords for <b>ISD1610BPIY</b> |                                        |                                |                                           |
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