

ISD1790PYI01



Part Number: [ISD1790PYI01](#)

Manufacturer: [Nuvoton Technology Corporation America](#)

Description: IC VOICE REC/PLAY 90-SEC 28-DIP

Data sheet:  [ISD1700 Series](#)

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ISD1790PYI01                                                                  | Manufacturer                   | <a href="#">Nuvoton Technology Corporation America</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC VOICE REC/PLAY 90-SEC 28-DIP                                               | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 5826 pcs                                                                      | Data sheet                     | <a href="#">ISD1700 Series</a>                         |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a>                                     | Voltage - Supply               | 2.4V ~ 5.5V                                            |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 28-DIP                                                                        | Series                         | ChipCorder®                                            |
| Sampling Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 4 ~ 12kHz                                                                     | Package / Case                 | 28-DIP (0.600", 15.24mm)                               |
| 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                      | Multiple                                               |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Lead free / RoHS Compliant                                                    | Interface                      | Pushbutton, SPI                                        |
| Input Signal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Analog - Single Ended, Microphone                                             | Filter Pass Band               | -                                                      |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Automatic Gain Control, Volume Control                                        | Duration                       | 60 ~ 180 Sec                                           |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Voice Record/Playback IC Multiple Message 60 ~ 180 Sec Pushbutton, SPI 28-DIP |                                |                                                        |
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|  | Part#: <a href="#">ISD1790EYI01</a><br>Description: IC VOICE REC/PLAY 90-SEC 28-TSOP | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ISD1790SYR</a><br>Description: IC VOICE REC/PLAY 90SEC 28-SOIC    | Manufacturers: <a href="#">Nuvoton Technology Corporation America</a> | <div>RFQ</div> |
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