

AVR Parrot ★

Part Number: ATAVRPARROT

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AVR Parrot board implements a voice recorder with ATtiny817. Voice is captured by ADC of ATtiny817 via a microphone, and played back using DAC of ATtiny817. A dataflash device is used to store the acquired voice data.

Several user buttons facilitate user's operating with the board (record, playback, erase etc.).

The board is powered by micro USB connector.



Features

Package Contents

Related Tools

- ATtiny817
- Microphone and speaker on the board
- User buttons: Rec, Play, Back, Forward and Erase
- Potentiometer for output volume adjustment
- Reset button
- 2 LEDs for indication
- USB power supply

Documentation & Software

[Back To Top](#)

AppNotes	Last Updated	Size	
★ AN2547 - AVR42777: Digital Sound Recorder using DAC with ATtiny817	9/12/2017 5:19:03 AM	689KB	
Documents	Last Updated	Size	
★ 42721-AVR-ATtiny417-814-816-817 Data Sheet Summary	12/15/2016 4:08:44 PM	229KB	
★ 42721-AVR-ATtiny417-814-816-817 Data Sheet Complete	12/15/2016 4:08:40 PM	6MB	

