Velleman N.V.
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Datasheet

velleman®
M O D U L E S

MODULES FOR ARDUINO™

Made for ARDUINO™

Audio shield for Arduino™

Record your voice via a built-in microphone or a line input

Component VMA02

Features

- 60 second recording time
- start playback, record,... via on-board buttons or via Arduino™ UNO
- playback via a speaker or a line output
- downloadable sample sketch and library
- stackable design: the shield can be stacked with other shields
- Large user community
- requires 1 Arduino™ UNO (not included)

Arduino™UNO kaart
(niet meegeleverd)
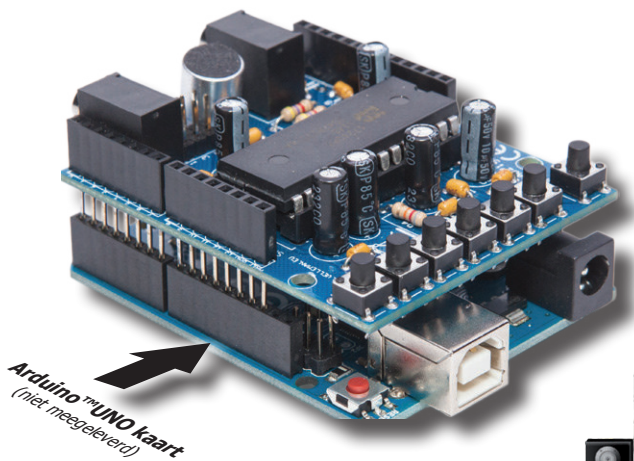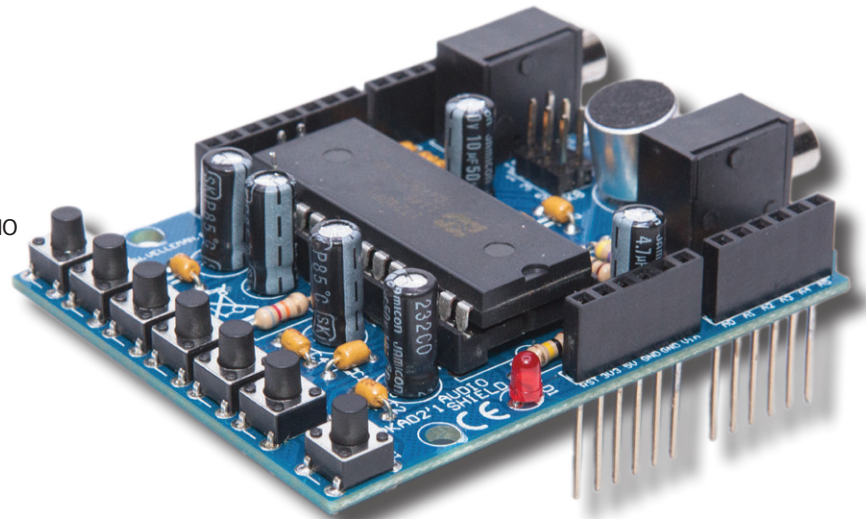
Specifications

- audio sample frequency: 8 kHz
- uses pin 10 on an Arduino™ UNO board as a Chip Select
- uses the ICSP pins on an Arduino™ as a serial connection to the shield to free up I/O pins
- memory write up to 100.000 X
- dimensions: 71 x 53mm / 2.79 x 2.08"'

Speaker

Volume

Feed trough

Play

Record

Erase

Forward

Reset

Line-out

Microphone

Line-in