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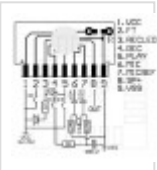
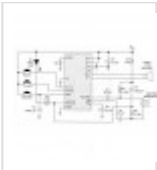
Product notification - Voice audio module 20s, LX20LYA, 2.7V ~ 4.7V

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Miniature monaural sound module with the possibility of recording an audio message via a microphone and its subsequent playback into a loudspeaker. The message length is a maximum of 20 s, at a sampling frequency of 3.2 kHz. This can be set using the R0SC resistor. The best recording quality is 8kHz when sampling, the recording length is then 8s. An electret microphone, loudspeaker, buttons, resistors, capacitors and possibly an LED for signaling the recording status are brought to the surfaces. The power supply is in the range of 2.7V ~ 4.7V and therefore it is predestined for power supply from batteries, for example three pencil or button cells. The entire module with accessories can be placed in a small volume.

Terminals:

- 1 - VCC - power supply + 2.7V ~ 4.7V DC
- 2 - FT
- 3 - RECLEd - LED signaling active recording
- 4 - REC - button to start recording
- 5 - PLAYE - button for playing the recording
- 6 - PLAYL - button for playing the recording
- 7 - MIC - electret microphone (+)
- 8 - MICREF - electret microphone (-)
- 9 - AGC - automatic amplification
- 10 - SP - speaker (-)
- 11 - SP - speaker (+)
- 12 - 0V - power supply

LX20LYA

Power supply: 2.7V ~ 4.7V DC
Model: LX20LYA
Recording length: max 20s (when sampling 3.2kHz)
Sampling: max. 8kHz (recording length 8)
Output: speaker 8Ω
Input: electret microphone
Dimensions: 20 x 13 mm
Working temperature: -30 ~ 80 ° C

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Voice audio module 20s, LX20LYA, 2.7V ~ 4.7V

- Product code: HW0640
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