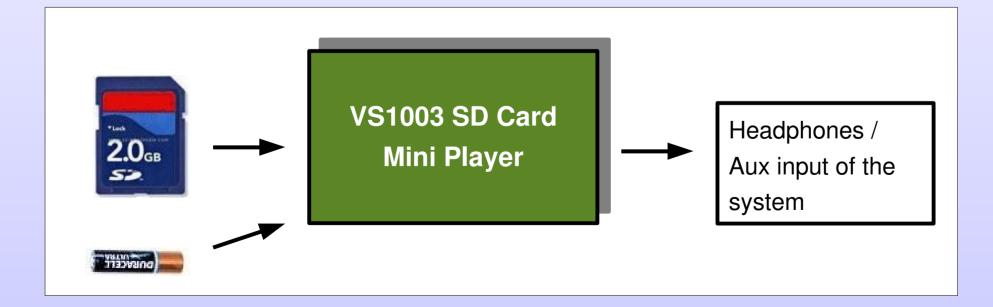


VS1003 SD Card Mini Player

ver. 1.1 / October 2008

Overview

- Plays MP3/WMA/SP-midi/WAV files from SD card (FAT)
- 3 buttons, one LED, no display
- Customization by using EEPROM for boot
- MMC, SD, SDHC cards supported
- Index of played song restored in power-on
- Excellent audio quality (SNR 90 dB)
- Play time 5-10 hours (single AAA, 800 mAh)
- Low BOM cost



Applications

• Gadget MP3/WMA player



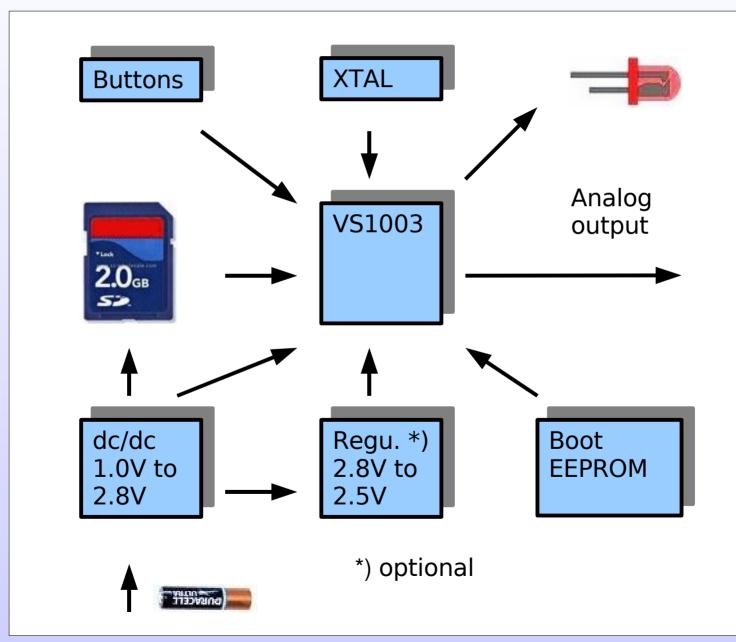
• SD card reader

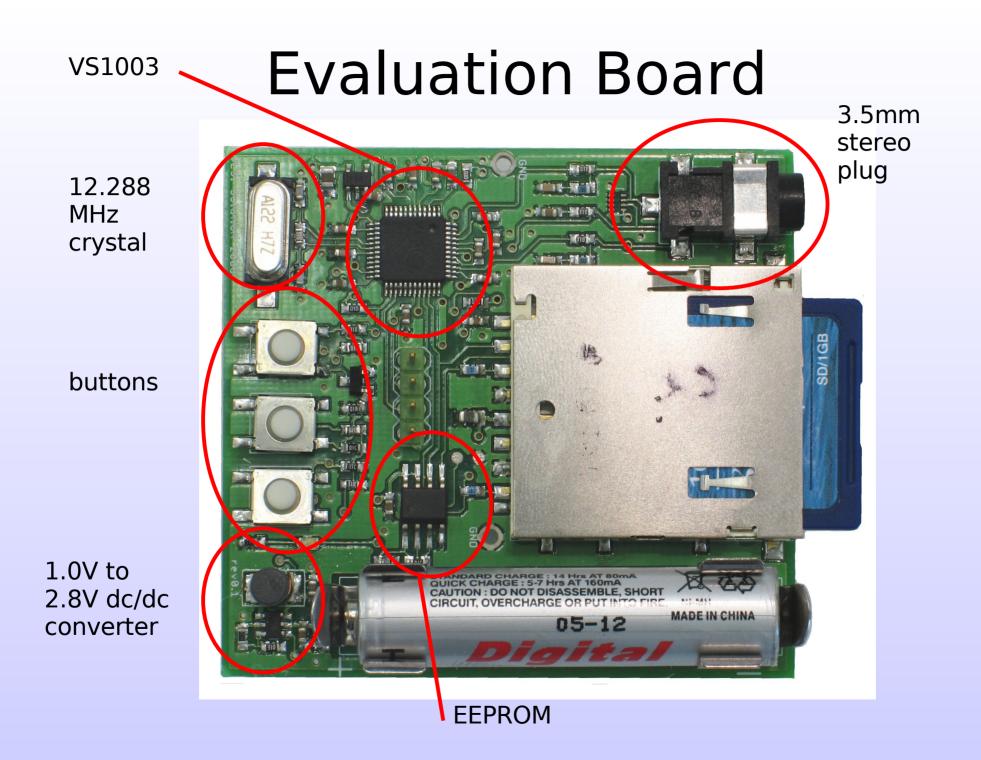
• Audio feature





Block Diagram



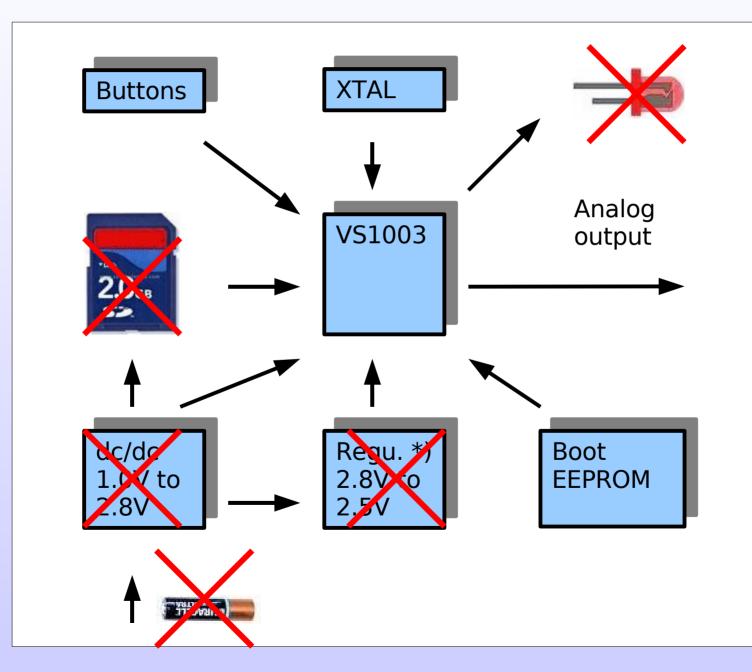


Default 3-button interface

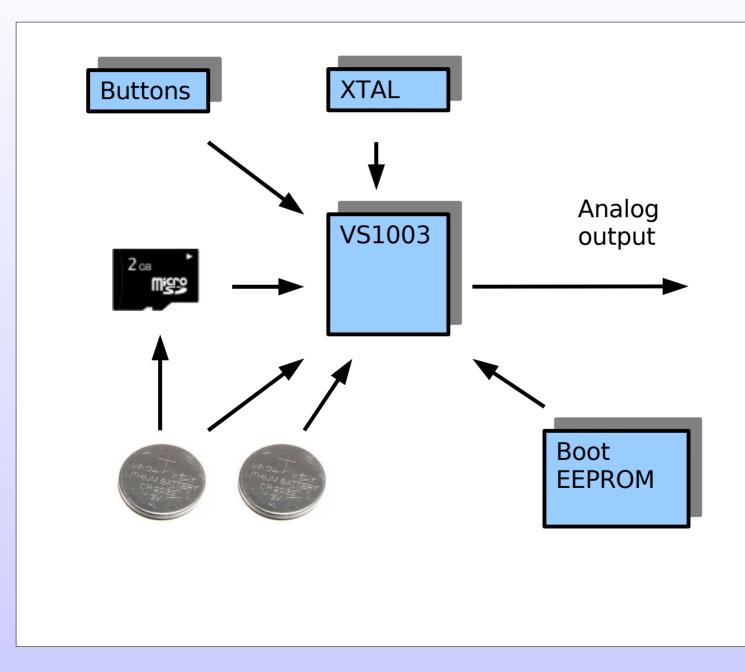
PRESS	VERY LONG	LONG	SHORT
SW1	volume down	volume down	previous
SW2	power off	power on	toggles
		toggles random play if paused	pause/play
		toggles loudness if playing	
SW3	volume up	volume up	next

- Default player has 3 buttons
- Number of buttons can be easily increased up to 32

Modification for smallest size



Modification for smallest size



Modification for smallest size

- Smart card size player (3 mm thin)
- Dice size player (2 x 2 x 2 cm)
- Product can be disposable by using special battery cell technology

Summary of VS1003 SD Card Mini Player

- It is the simplest solution that can play MP3 and WMA compressed audio from SD card
- It has low BOM
- It has excellent audio quality
- It can be customized via boot EEPROM
- It comes with professional technical support
- VS1003 has mp3 license included
- The world's smallest SD card player can be build based on Mini Player concept

Do you have customization requirements?

Our support will help you

email: support@vlsi.fi tel. +358 3 3140 8222 fax. +358 3 3140 8288