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ofa: bootloader for Atmel AVR microcontrollers

Overview

boofa is a simple bootloader for the Atmel AVR family of microcontrollers with self programming capability, licensed under GPLv2. It uses the semi-standard [AVR109](#) UART protocol at 115200 baud and is therefore easy to use with programming tools such as [avrdude](#). The bootloader is written in assembly and fits into a 512-word bootloader section.

It is your choice how to handle bootloading. In the source code downloadable below the bootloader is entered by a key press on device startup. If this button is not pressed, normal device operation resumes. boofa can be easily changed to handle this in a different way.

Currently the following microcontrollers are supported:

- ATmega16
- ATmega128

Other controllers can be simply added, it is just a matter of defining a few properties such as memory size and bootloader section. Please [send me your modifications](#) when you successfully use boofa on a microcontroller not listed above.

Downloads

date	comments	files
2007-01-18	<ul style="list-style-type: none">• First release.	software sources (18kB)

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Problems? webmaster@roland-riegel.de

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