Engbedded Atmel AVR® Fuse Calculator

Device selection

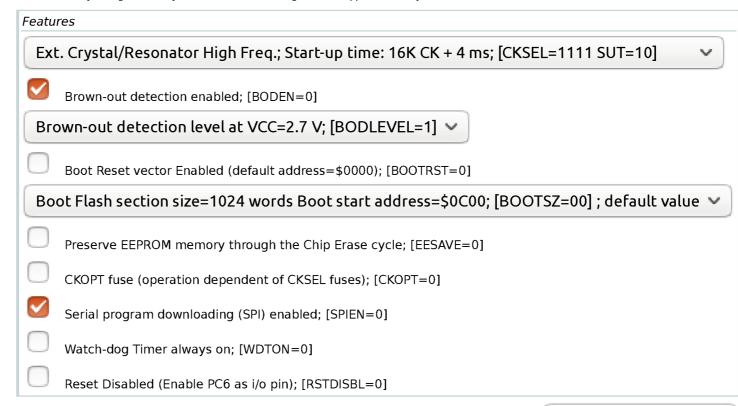
Select the AVR device type you want to configure. When changing this setting, default fuse settings will automatically be applied. Presets (hexadecimal representation of the fuse settings) can be reviewed and even be set in the last form at the bottom of this page.

(141 parts currently listed)

AVR part name: ATmega8 Select

Feature configuration

This allows easy configuration of your AVR device. All changes will be applied instantly.



Manual fuse bits configuration

Apply feature settings

This table allows reviewing and direct editing of the AVR fuse bits. All changes will be applied instantly.

means programmed (0). means unprogrammed (1); Note: Bit **BODLEVEL RSTDISBL** Brown out detector trigger level Disable reset 6 BODEN **WTDON** Brown out detector enable Enable watchdog 5 SUT1 Select start-up time Enable Serial programming and Data Downloading SUT0 CKOPT Select start-up time Oscillator Options 3 **CKSEL3 EESAVE** EEPROM memory is preserved through chip erase Select Clock Source 2 **M** BOOTSZ1 CKSEL2 Select Boot Size Select Clock Source 1 BOOTSZ0 CKSEL1

Current settings

0

Select Clock Source

Select Clock Source

CKSEL0

Apply manual fuse bit settings

These fields show the actual hexadecimal representation of the fuse settings from above. These are the values you have to program into your AVR device. Optionally, you may fill in the numerical values yourself to preset the configuration to these values. Changes in the value fields are applied instantly (taking away the focus)!

Select Boot Size

BOOTRST



References

All information based on database **ATmega8.xml** build **186**. Applied patches: **SUT and WDTON default values (Mark Haemmerling)**

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If you find bugs in the user interface or the database backend(s), please report them.

2 von 3 29.07.19, 14:50