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Home >> AVR Fuse Calculator

Contents	Eng	jbedded Atmel AVR® Fuse	e Calculator			
• Home	De	vice selection				
ProductsSemitoneLighting	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. AVR part name: ATtiny13 \$ Select (141 parts currently listed) Feature configuration					
VeloAcePalmAVR						
• AVR Fuse Calculator						
Wake-On-LIRCSVN Repository	This al	This allows easy configuration of your AVR device. All changes will be applied instantly.				
	Feat	Features				
	Int.	Int. RC Osc. 9.6 MHz; Start-up time: 14 CK + 64 ms; [CKSEL=10 SUT=10]; default value ‡				
	\checkmark	Divide clock by 8 internally; [CKDIV8=0]				
		☐ Watch-dog Timer always on; [WDTON=0]				
		Preserve EEPROM memory through the Chip Erase cycle; [EESAVE=0]				
		Reset Disabled (Enable PB5 as i/o pin); [RSTDISBL=0]				
		Brown-out detection disabled; [BODLEVEL=11]				
		Debug Wire enable; [DWEN=0]				
	Self Programming enable; [SELFPRGEN=0]					
	Ma	nual fuse bits configuration	Apply feature settings			
	This ta	able allows reviewing and direct editing of the AV tly.	/R fuse bits. All changes will be applied			
	Note:	means unprogrammed (1); means prog	rammed (0).			
	Bit	Low	High			
	7	 ✓ SPIEN				
		SPI programming enable				
	6	□ EESAVE				
		Keep EEprom contents during chip erase				
	5	WDTON				
	1	Watch dog timer always on	CELEBROEN			
	4	☑ CKDIV8 Start up with system clock divided by 8	SELFPRGEN Self Programming Enable			
	3	SUT1	DWEN			
		Select start-up time	DebugWire Enable			
	2	♂ SIITO	PODI EVEL 1			

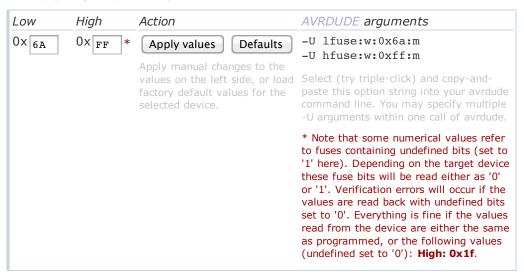
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	<u> </u>	ODDE A EFT	
	Select start-up time	Enable BOD and select level	
1	CKSEL1	☐ BODLEVEL0	
	Select Clock Source	Enable BOD and select level	
0	☑ CKSEL0	RSTDISBL	
	Select Clock Source	Disable external reset	

Current settings

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)!



References

your own risk.

All information based on database **ATtiny13.xml** build **249**. Unreviewed original XML backend database from Atmel. Probably buggy! Please report.

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User interface version: 0.9.1.

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

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