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Workspace	1		Workspace	
Select the AVR button		Step #1		
			Check Fuses	
Select Proper Chip				
from scroll box	Program Fuses LockBits Advanced Board Auto			Program ruses LockBits Advanced Bo
	AT90CAN128 Erase Device		Check 2nd box &	 Brown-out detection disabled; [BODLEVE Brown-out detection level at VCC=4.1 V;
A190CAN128	Programming mode		III go to Step #3	 Brown-out detection level at VCC=4.0 V; Brown-out detection level at VCC=3.9 V;
	ISP Erase Device Before Programming C Parallel/High Voltage Serial Verifu Device After Programming	Check these boxes		 Brown-out detection level at VCC=3.8 V; Brown-out detection level at VCC=2.7 V;
Scholl down to calact				□ Brown-out detection level at VCC=2.6 V; □ Brown-out detection level at VCC=2.5 V;
	C Use Current Simulator/Emulator FLASH Memory			Reserved for factory tests; [TA0SEL=0] On-Chip Debug Enabled; [0CDEN=0]
proper Bootloader Hex	Program			JTAG Interface Enabled; [JTAGEN=0] Setial program downloading (SPI) enabled
file for the Board you		When done hit the		Watchdog timer always on; [WDTON=0] Pressure SEPROM recover through the
want to program.	C Use Current Simulator/Emulator EEPROM Memory			Boot Flash section size=512 words Boots
Example: FH hex for	Input HEX File Dryer Files\Bootloader_4_6_2006\BL_FH.hex	program button		Boot Flash section size=1024 Words Boot
	Program Verify Read			Auto Verify Smart Warnings Program
F/T Doard		• •		
Loaded plugin STK500	Programming FLASH using block mode OK Reading FLASH using block mode OK		Loaded plugin STK500	Setting device parameters, serial programming m Entering programming mode OK
Outpu	FLASH contents is equal to file OK Leaving programming mode OK		0 1 1	Reading fuses 0xFD, 0xD8CF 0K Leaving programming mode 0K
h.		Options		-
		View Last Shot		
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Workspace X			Workspace A X	
Check Fuses		Step #3	Charles a de Bite a	
	AVRISP		Check Lock Dits	AVRISP
	Program Fuses LockBits Advanced Board Auto			Program Fuses LockBits Advanced Boa
	Brown-out detection level at VCC=3.8 V; [BODLEVEL=011]			Mode 1: No memory lock features enabled
Check the Boot Flash	Brown-out detection level at VCC=2.7 V; [BODLEVEL=010] Brown-out detection level at VCC=2.6 V; [BODLEVEL=001]		Check the boxes as	 Mode 2: Further programming disabled Mode 3: Further programming and verifical
& Boot Reset boxes	Brown-out detection level at VCC=2.5 V; [BODLEVEL=000] Reserved for factory tests; [TA0SEL=0]		they are in the example	 Application Protection Mode 1: No lock or Application Protection Mode 2: SPM prohi
shown in example also	On-Chip Debug Enabled; [OCDEN=0]			Application Protection Mode 3: LPM and 9
make cure the very	Serial program downloading (SPI) enabled; [SPIEN=0] Watchdog timer always on; [WDTON=0]			Boot Loader Protection Mode 1: No lock o Solution Mode 2: SPM prol
<u>ITTAKE GULE DITE VELY</u>	 Preserve EEPROM memory through the Chip Erase cycle; [EESAVE=0] Boot Flash section size=512 words Boot start address=\$FE00; [BOOTS] 		ATTER CHECKING proper	Boot Loader Protection Mode 3: LPM and Boot Loader Protection Mode 4: LPM prot
last box is checked!!!	☐ Boot Flash section size=1024 words Boot start address=\$FC00; [B00T\$ ☐ Boot Flash section size=2048 words Boot start address=\$F800; [B00T\$		boxes hit the	
	Boot Flash section size=4096 words Boot start address=\$F000; [BOOT9 Boot Reset vector Enabled (default address=\$00001; [BOOTRST=0]		program button	
	Divide clock by 8 internally; [CKDIV8=0]			
	Auto Verify Program Verify Read			Auto Verify Program
	M Smart Warnings	• •		Smart Warnings
After all the proper boxes	Setting device parameters, serial programming modeOK		Loaded plugin STK500	Setting device parameters, serial programming mo
are checked	Entering programming mode OK Reading fuses 0xFD, 0x08CF 0K		2	Entering programming mode OK Reading lock bits 0xFF OK
			put	Leaving programming mode UK
I HIT The program button				
		Options View Last Shot		
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