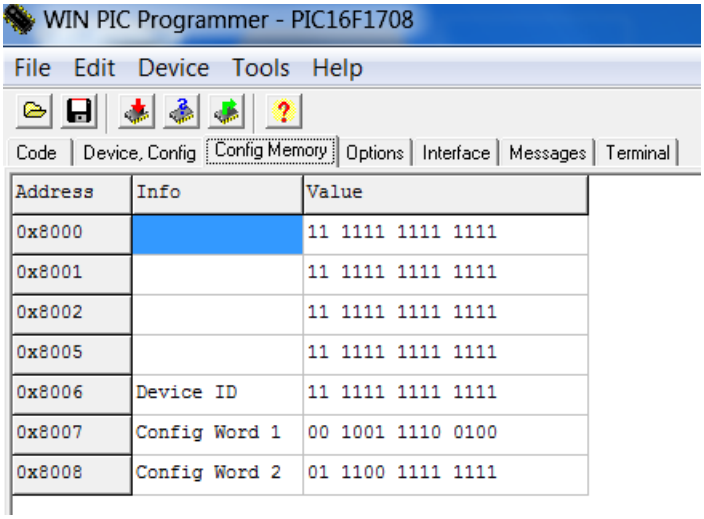
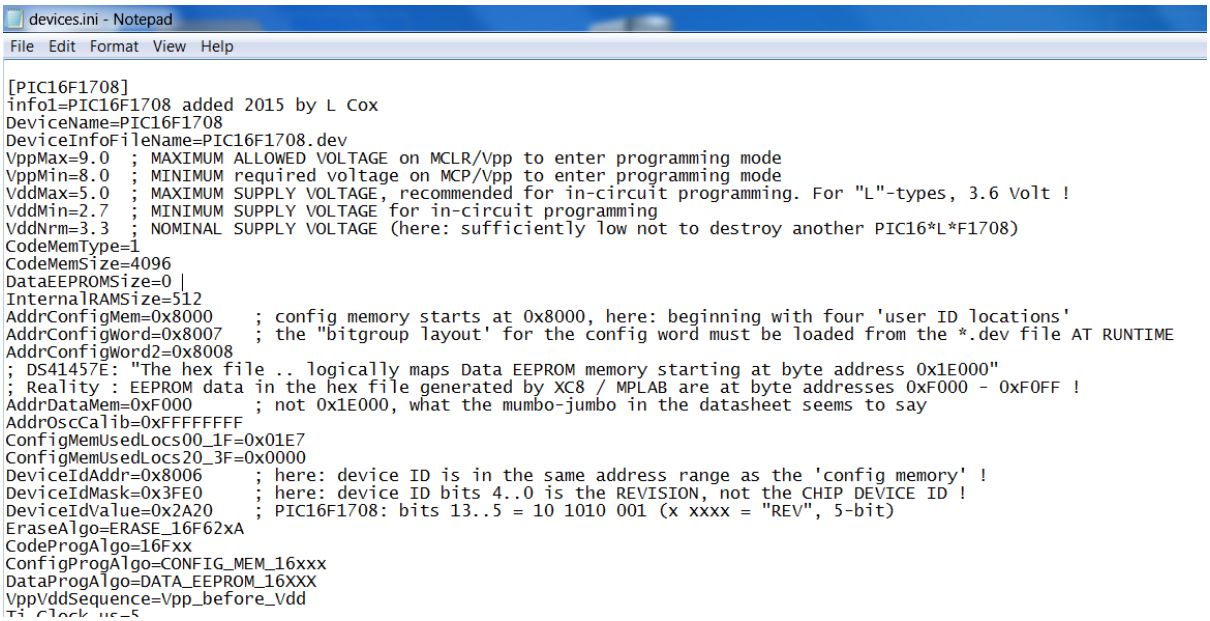

WIN PIC Programmer - PIC16F1708
File Edit Device Tools Help
Code Device, Config Config Memory Options Interface Messages Terminal
Address Info Value
0x8000 11 1111 1111 1111
0x8001 11 1111 1111 1111
0x8002 11 1111 1111 1111
0x8005 11 1111 1111 1111
0x8006 Device ID 11 1111 1111 1111
0x8007 Config Word 1 00 1001 1110 0100
0x8008 Config Word 2 01 1100 1111 1111


devices.ini - Notepad
File Edit Format View Help
[PIC16F1708]
info1=PIC16F1708 added 2015 by L Cox
DeviceName=PIC16F1708
DeviceInfoFileName=PIC16F1708.dev
VppMax=9.0 ; MAXIMUM ALLOWED VOLTAGE on MCLR/Vpp to enter programming mode
VppMin=8.0 ; MINIMUM required voltage on MCP/Vpp to enter programming mode
VddMax=5.0 ; MAXIMUM SUPPLY VOLTAGE, recommended for in-circuit programming. For "L"-types, 3.6 Volt !
VddMin=2.7 ; MINIMUM SUPPLY VOLTAGE for in-circuit programming
VddNrm=3.3 ; NOMINAL SUPPLY VOLTAGE (here: sufficiently low not to destroy another PIC16*L*F1708)
CodeMemType=1
CodeMemSize=4096
DataEEPROMSize=0
InternalRAMSize=512
AddrConfigMem=0x8000 ; config memory starts at 0x8000, here: beginning with four 'user ID locations'
AddrConfigWord=0x8007 ; the "bitgroup layout' for the config word must be loaded from the *.dev file AT RUNTIME
AddrConfigWord2=0x8008
; DS41457E: "The hex file .. logically maps Data EEPROM memory starting at byte address 0x1E000"
; Reality : EEPROM data in the hex file generated by XC8 / MPLAB are at byte addresses 0xF000 - 0xF0FF !
AddrDataMem=0xF000 ; not 0x1E000, what the mumbo-jumbo in the datasheet seems to say
AddrOscCalib=0xFFFFFFFF
ConfigMemUsedLocs00_1F=0x01E7
ConfigMemUsedLocs20_3F=0x0000
DeviceIdAddr=0x8006 ; here: device ID is in the same address range as the 'config memory' !
DeviceIdMask=0x3FE0 ; here: device ID bits 4..0 is the REVISION, not the CHIP DEVICE ID !
DeviceIdValue=0x2A20 ; PIC16F1708: bits 13..5 = 10 1010 001 (x xxxx = "REV", 5-bit)
EraseAlgo=ERASE_16F62xA
CodeProgAlgo=16Fxx
ConfigProgAlgo=CONFIG_MEM_16xxx
DataProgAlgo=DATA_EEPROM_16XXX
VppVddSequence=Vpp_before_Vdd