HotSync under CodeWarrior 2.10 for PowerPC

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1. Run 'cw_icdppcnexus.exe' under CodeWarrior install folder, ..\Freescale\CW210\pemicro

2. "Advanced" button,

Connection port and Interface Type Interface: USB Multilink, Embedded Multilink, or Embedded OSJT ag						
	Refresh List					
Port: USB1 : Embedded Qorivva OSBDM/OSJTAG Device (SER01)						
	* Contains Embedded Debug Hardware <u>Click for info.</u>					
Target CPI	U Information					
CPU:	PowerPC Processor - Autodetect	Advanced				
	_					
BDM Com	munication Speed					
PC Paralle	Port wait states : I0_DELAY_CNT = 0					
BDN	1 Debug Shift Freq : BDM_SPEED =	~				
MCU Inter	nal Bus Frequency (For programming)					
🖲 Auto-D						
O MCU II	nternal Bus frequency (FREQ) in Hz = 0 (Decimal)					
Reset Op						
🔽 Delay	after Reset and before communicating to target for 20 millisec	onds (decimal).				

3. Set NO for red block option

📐 PowerPC Debug Options
Debug Options
Always Reset device on startup : NO
Continually POLL device status : YES
Show all assembly states while executing a source level step : NO
Set PC to Code Start when loading Elf/Dwarf Object : NO
Disable watchdog (if PowerPC derivative recognized) : NO
Use 64-bit SPE writes during data block write to target : YES
Freeze timers on Debug Event : NO
Synchronize low power entry with debugger : YES
Uncensor Options
Uncensor device on reset : NO
Password (hex) :
<u> </u>

00111000	ion port and Interface Type Add LPT Port				
Interface	x: USB Multilink, Embedded Multilink, or Embedded OSJTag				
Por	USB1 : Embedded Qorivva OSBDM/OSJTAG Device (SER01)				
	* Contains Embedded Debug Hardware <u>Click for info.</u>				
-Target C	PU Information				
CPL	J: PowerPC Processor - Autodetect				
BDM Co	mmunication Speed				
PC Paral	lel Port wait states : IO_DELAY_CNT = 0				
BD)M Debug Shift Freq : BDM_SPEED =				
	ernal Bus Frequency (For programming)				
C Auto	-Detect Internal Bus frequency (FREQ) in Hz = 0 (Decimal)				
L	,				
	Iplions				

5. Input 'load' at Status Window

🕺 Status Window 📃	×							
Windows NT detected.								
P&E Interface detected - Flash Version 31.22								
>REM The STARTUP.ICD macro has now run!								
>								
>								
load Ready								

6. Select the debug file and open

🔥 Specify Objec	ct/Debug File to Lo	ad		X
Look in:	<u>)</u> bin		E 😁	* === -
Recent Places Desktop Libraries Computer	Name internal_FLAS noternal_FLAS RAM.elf RAM.MAP		▼ Date modified 1 2016/12/23 7:55 2016/12/23 7:55 2015/4/27 14:02 2015/4/27 14:02 2015/4/27 14:02 2015/4/27 14:02	 Type CodeWarrior ELF MAP File CodeWarrior ELF MAP File
Network	•			•
	File <u>n</u> ame:	internal_FLASH.elf	•	<u>O</u> pen
	Files of type:	All Debug/Object Files	•	Cancel

7. In Code Window, the PC will stop at the position which MCU is running.

