SOURCEPOINT QUICK START GUIDE

Getting Started

Plug the Type-C end of the DCI cable into the UP Xtreme i11 target, and the Type-A end to your debugging host PC running SourcePoint.

In the target CRB Advanced BIOS menu (password upassw0rd):

- 1. Disable WDT Timer
- 2. Disable TCO Timer
- 3. Set Platform Debug Consent to Enabled (USB2 DbC)

Power on the target. Ensure that the DbCStatus.exe ball is green on your debugging host PC.

Debugging Windows

Adjust power settings on target: set "Turn off display" and "Put the computer to sleep" to "Never".

Disable error messages in target CMD window:

bcdedit /debug on

Create environment variable _NT_WINDBG_VBS and set it to FALSE on debugging host.





DbC Connection Status		
Connection status:	USB 2.0	
DCI driver version:	1.10.0.0	
		Close

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variable	Value
GPU_FORCE_64BIT_PTR	0
GPU_MAX_ALLOC_PERCENT	100
GPU_MAX_HEAP_SIZE	100
GPU_SINGLE_ALLOC_PERCE	100
GPU_USE_SYNC_OBJECTS	1
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Use WinDbg Classic on host. It's much more robust and higher performance.



Debugging Hyper-V/Secure Kernel

Set environment variable _NT_WINDBG_VBS on host to TRUE.

In target CRB Advanced BIOS settings, menu CRB Setup > CRB Advanced > CPU Configuration, disable hyperthreading and set Active Processor Cores to 1.

Disable synthetic watchdog and Automatic Repair in target CMD window:

>bcdedit /set {default} loadoptions "systemwatchdogpolicy=disabled"
>bcdedit /set recoveryenabled No >NUL
>bcdedit /set bootstatuspolicy ignoreallfailures >NUL

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Variable	Value	
GPU FORCE 64BIT PTR	0	
GPU_MAX_ALLOC_PERCENT	100	
GPU_MAX_HEAP_SIZE	100	
GPU_SINGLE_ALLOC_PERCE	. 100	
GPU_USE_SYNC_OBJECTS	1	
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