## C2000 BOOT ROM の デバッグ

## 1. ボードに電源を投入します

2. CCS のメニューバーの View から Target Configurations のウィンドウを開きます



3. Target Configurations のウィンドウで右クリックから New Target Configuration を選択

TEST - C:¥Users¥12416¥ti¥CCSTargetConfigurations¥NewTargetConfiguration.ccxml - Code Composer Studio		- 🗆 X	
File Edit View Navigate Project Run Scripts Window Help			
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🖉 🔣 NewTargetConfiguration.ccxml 😒	- <i>e</i>	😭 Target Configurations 🔀 📃 🗆	
Basic	^	🛛 🖉 🗶 😓	
General Setup     This section describes the general configuration about the target.	Advanced Setup	type filter text	
Texas Instruments XDS100v2 USB Debug Probe	iarget configuration:		
Board or Unice         28379           ✓         TMS320F28379D           □         TMS320F283795	Save Configuration	Create a new target configuration Delete Rename	Delete F2
	Test Connection To test a connection, a	Refresh     Launch Selected Configuration	F5
	configuration file cont Test Connection	Set as Default Link File To Project	>
		Properties	Alt+Enter
	Uart Communication To enable host side (i. communication over implementation. Plea: target application lew enable late Monitor		
Note: Support for more devices may be available from the update manager.			
	To remove a port in the te removed and click the		
<	~	Click the New button to create a new target configuration file. Click <u>here</u> to hide this	
Basic Advanced Source		message.	

4. ターゲットコンフィグレーションファイルを使用するシステムに併せて設定

下の例は XDS100v2 エミュレータと TMS320F28379D を使用するときの設定

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File	Edit View Navig	ate Project Run Scripts Window Help					
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6	Basic		^		🐮 🗙	\$	Ξ
	General Setup		Advanced Setup	type filter text			
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5	Connection	Texas Instruments XDS100v2 USB Debug Probe 🗸 🗸	Target Configuration:	/			
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			To remove a port in th				
			removed and click the				
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	<		>	configuration file. Click h	ere to hic	le this	,
	Basic Advanced So	burce		message.			
			8.				

5. 次に左下の Advanced タブを開き、右の initialization script を以下の用にブランクにし Save しま

get Configuration			
Connections		Cpu Properties	
<ul> <li>Lexas Instruments XDS100v2 USB Debug Probe_0</li> <li>MS320F28379D_0</li> </ul>	<u>I</u> mport	C28xx CPU Set the properties of the selected cpu.	
✓ ♀ lcePick_C_0 ✓ ♀ Subpath_0	<u>N</u> ew	Bypass	
<ul> <li>C28xx_CPU1</li> <li>CPU1_CLA1</li> </ul>	Delete	initialization script	Browse
i cs_child_0 ✓ 🗞 Subpath_1	Up		
C28xx_CPU2 CPU2_CLA1	Down		
cs_child_1	Test Connection		
	Save		

6. Target Configurations ウィンドウで右クリックから Launch Selected Configuration を選択



す

7. デバッグウィンドウが開いたら、以下のアイコンから CPU1 に接続します

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File	Edit	View	Project	Tools	Run	Scripts	Window	/ Help								
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<b>称</b> D	ebug	23									lonn	ect Ta	rget ((	Ctrl+/	Alt+C	)
🗸 💱 NewTargetConfiguration.ccxml [Code Composer Studio - Device Debugging]																
	× <sup>®</sup> Te	xas Inst	truments	XDS100	2 USB I	Debug Pr	obe_0/C2	8xx_CPU	1 (Disconi	nected	d : Ur	know	/n)			
Texas Instruments XDS100v2 USB Debug Probe_0/CPU1_CLA1 (Disconnected : Unknown)																
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	× <sup>®</sup> Te	exas Inst	truments	XDS100	2 USB I	Debug Pr	obe_0/CP	U2_CLA1	I (Disconn	ected	: Un	know	n)			

## 8. 以下のように Run から Load Symbols…を選択



9. 以下のフォルダに Boot ROM のシンボルファイルがあるので、ロードします。

※使用するデバイスに併せて選択してください。

C:\ti\c2000\c2000\Ware\_4\_01\_00\_00\tibraries\tboot\_rom\tf2837xd\trevB\trom\_s ources\tcs\_files\tcpu01\trevB\trevB

10. Boot ROM のシンボル情報がロードされデバッグが可能になります。