仿真器安装

1、正确连接仿真器以及目标板.

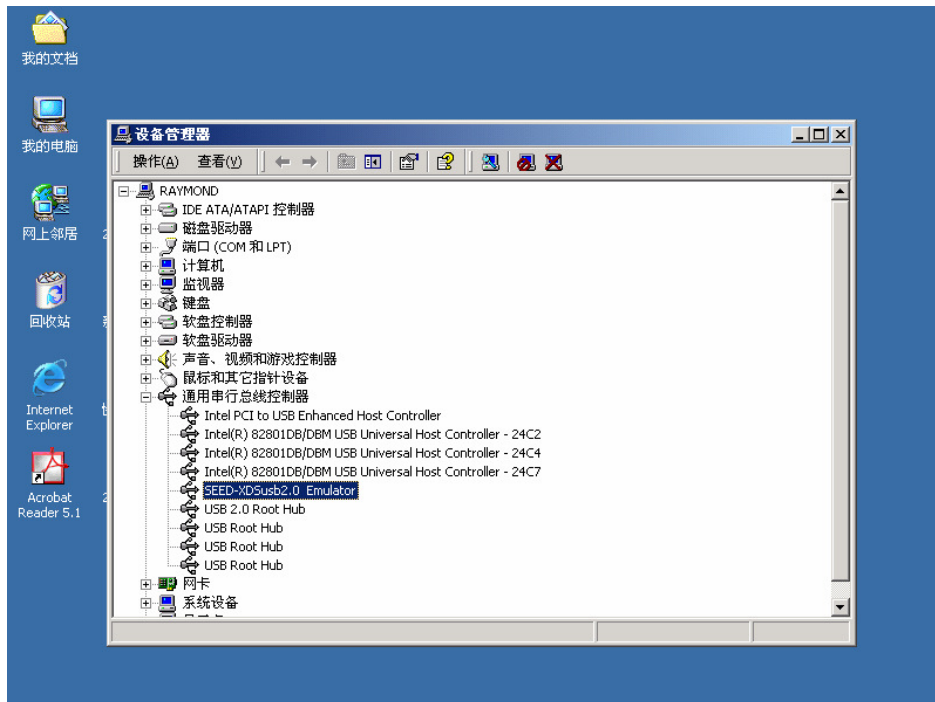上电;

阅读相关文档:**Utilities\SEED-XDSUSB2.0\xdsusb.pdf**;

电脑将识别 **usb** 接口并引导安装驱动程序.路径如下：

Utilities\SEED-XDSUSB2.0\Win2000,XP\xdsusb2driver

设备管理器当中会显示 "**SEED-XDSusb2.0 Emulator**"

2、安装软件 :

TMS320 C2000 (TMDSCCS2000-1);

TMS320 C3000 (TMDS3240130);

TMS320 C5000 (TMDSCCS5000-1);

TMS320 C6000 (TMDSCCS6000-1);

TMS320 OMAP (TMDSCCSOMAP-1);

3、针对不同的 DSP 系列安装不同的驱动程序:

注意: 安装路径必须与软件路径一致.

(1)　C2000:

Utilities\SEED-XDSUSB2.0\Win2000,XP\Drivers\disk for c2000\setup.exe

(2)　TMS320VC33:must install the following two files

Utilities\SEED-XDSUSB2.0\Win2000,XP\Drivers\disk for vc33\cc_c3x4x_SP2.exe

Utilities\SEED-XDSUSB2.0\Win2000,XP\Drivers\disk for vc33\setup.exe

(3)　C5000:

Utilities\SEED-XDSUSB2.0\Win2000,XP\Drivers\disk for c5000\Setup.exe

(4)　C6000:

Utilities\SEED-XDSUSB2.0\Win2000,XP\Drivers\disk for c6000\Setup.exe

(5)　DSC21 、25 / DM270、310/OMAP/TMS320VC547X:

Utilities\SEED-XDSUSB2.0\Win2000,XP\Drivers\disk for

dsp+arm\Setup.exe

4、重新启动电脑.

5、安装完驱动程序以后，可以使用"usb20emurst.exe"检测仿真器的工作状态。

これ样表示仿真器工作正常.

6、CCS setup 配置:

(1) C2000:

TMS320C2XX/TMS320F24X/TMS320LF24XX:

Seedxds2xx.dvr

TMS320F27XX: **F27xx XDS510 Emulator**

TMS320F28XX: **F28xx XDS510 Emulator**

(2) TMS320VC33:

TMS320VC33: **seedxdsvc3x.dvr**

(3) C5000:

TMS320VC54XX: **C54XX XDS510 Emulator**

TMS320VC55XX: **C55XX XDS510 Emulator**

(4) C6000:

TMS320C6X0X: **C6X0X XDS510 Emulator**

TMS320C6X1X: **C6X1X XDS510 Emulator**

TMS320C64XX TMS320C64X/TMS320DM642:

<p style="text-align:center;"><strong style="color:red;">C64XX XDS510 Emulator</p>

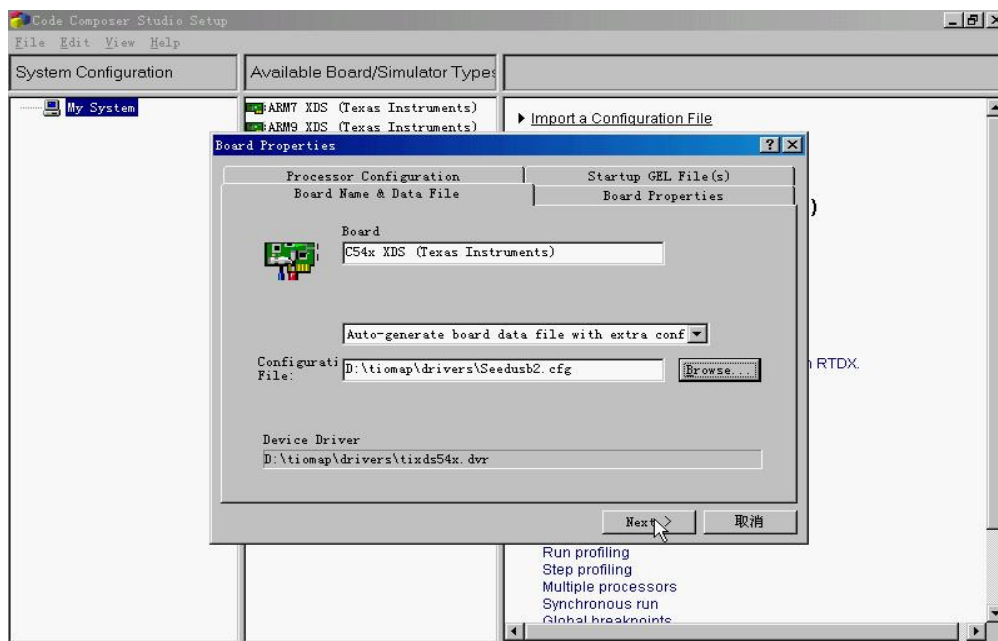<p style="text-align:center;"><strong style="color:red;">Version1.0:   C64XX Rev1.0 XDS510 Emulator</p>

(5)　　DSC21 、25 / DM270、310/OMAP/TMS320VC547X：

<p style="text-align:center;"><strong style="color:red;">heterogti.dvr</p>

7、注意：添加 Seedusb2.cfg 于 "Auto-generate board data file with extra configuration".

8、I/O PORT：0x240

9、单 CPU，选择 Add Single.

多 CPU 则选择： Add Multiple，输入相对应的数目.

注意：The TMS320C6X0X Add TMS320C6X0X

The TMS320C6X1X Add TMS320C6X1X

TMS320VC547X: TMS470R1 & TMS320C5400. add BYPASS with extra

OMAP: TMS470R2 & TMS320C5500, add BYPASS with extra

10、完成.

11、保存并启动软件 Code Composer Studio.
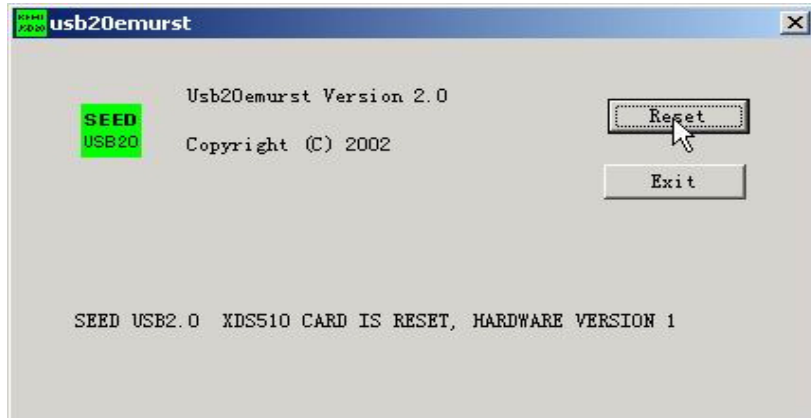
12.举例说明: TMS320LF24XX

a、 安装软件 TMDSCCS2000-1:
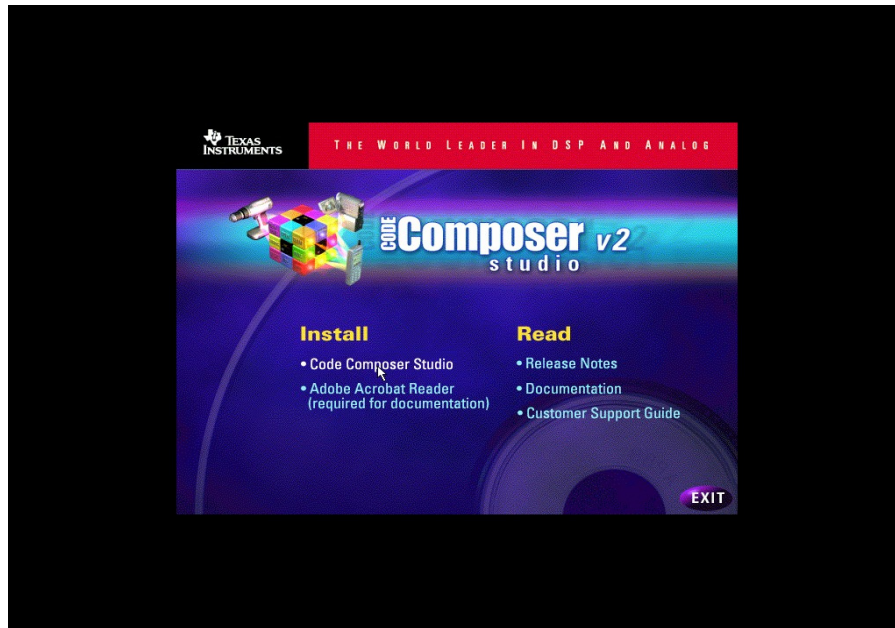
路径: c:\tic2000；

b、安装驱动:

Utilities\SEED-XDSUSB2.0\Win2000,XP\Drivers\disk for c2000\Setup.exe
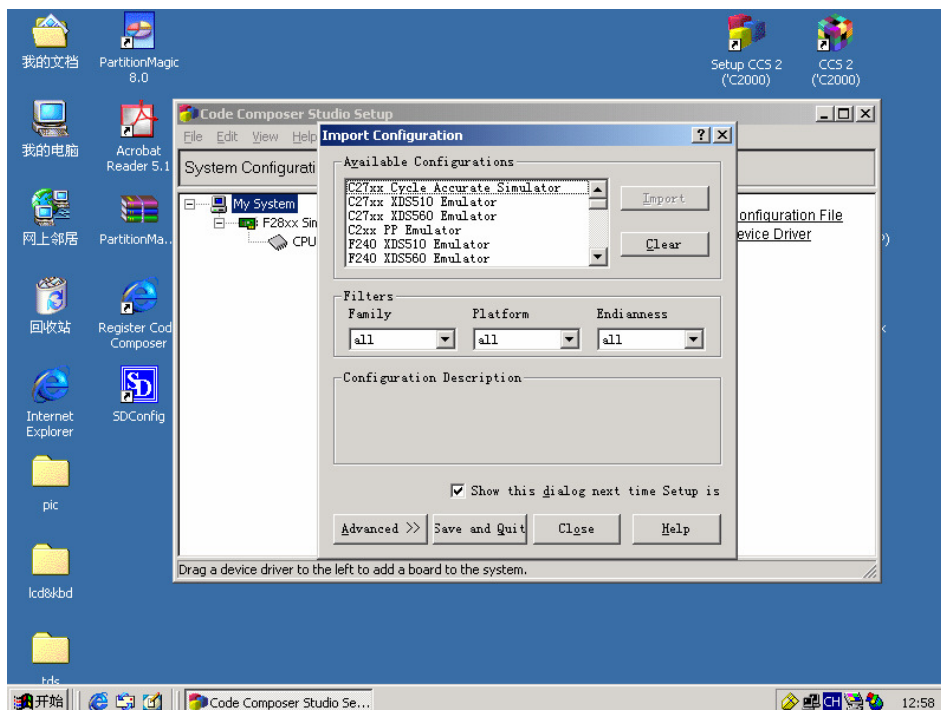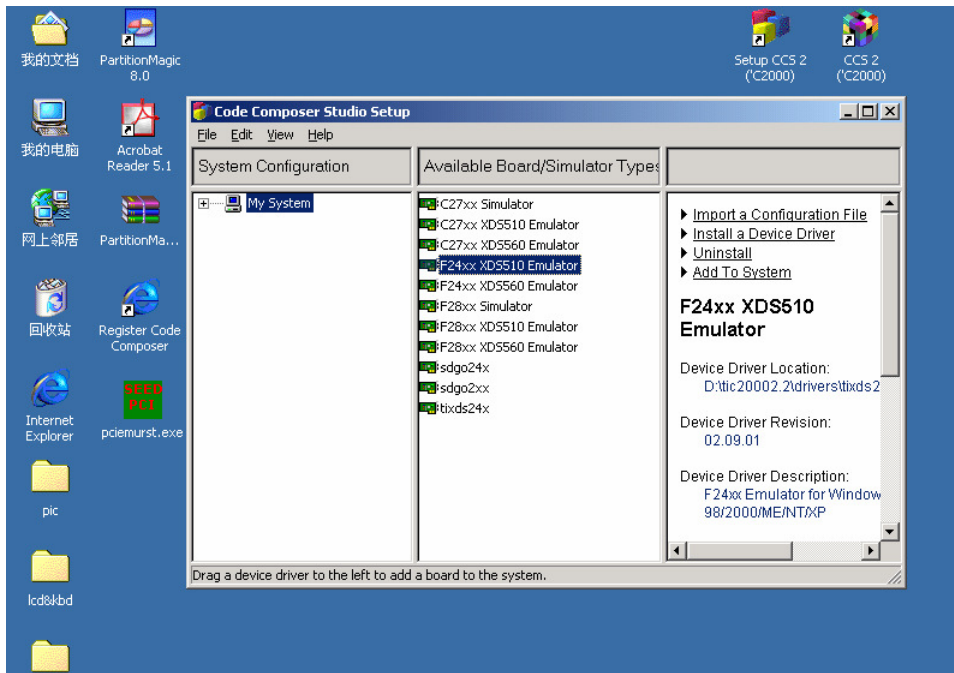
路径：c:\tic2000；

重新启动电脑；

c、点击 "usb20emurst.exe"；
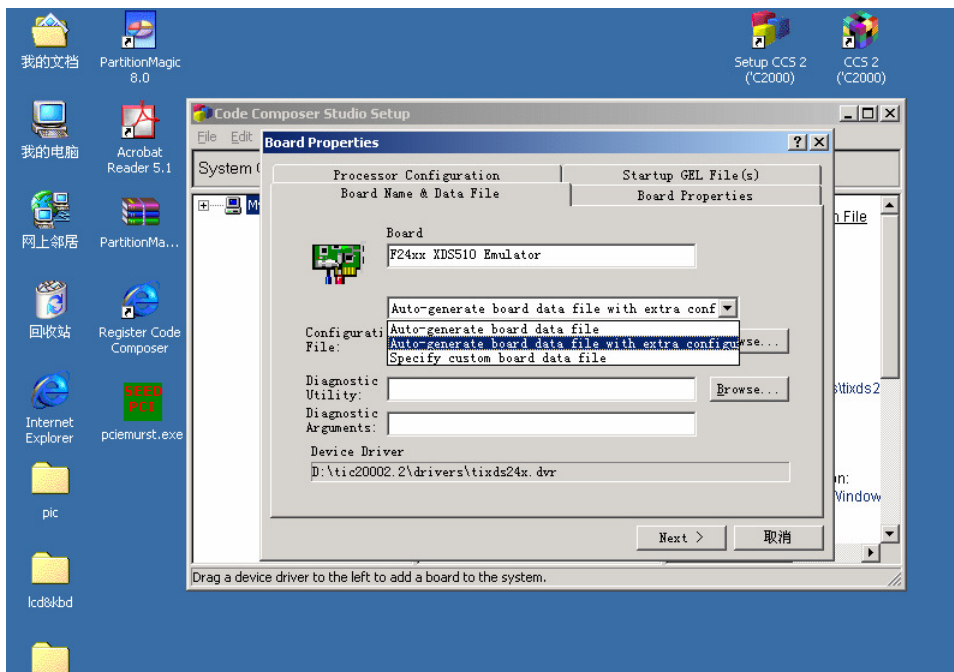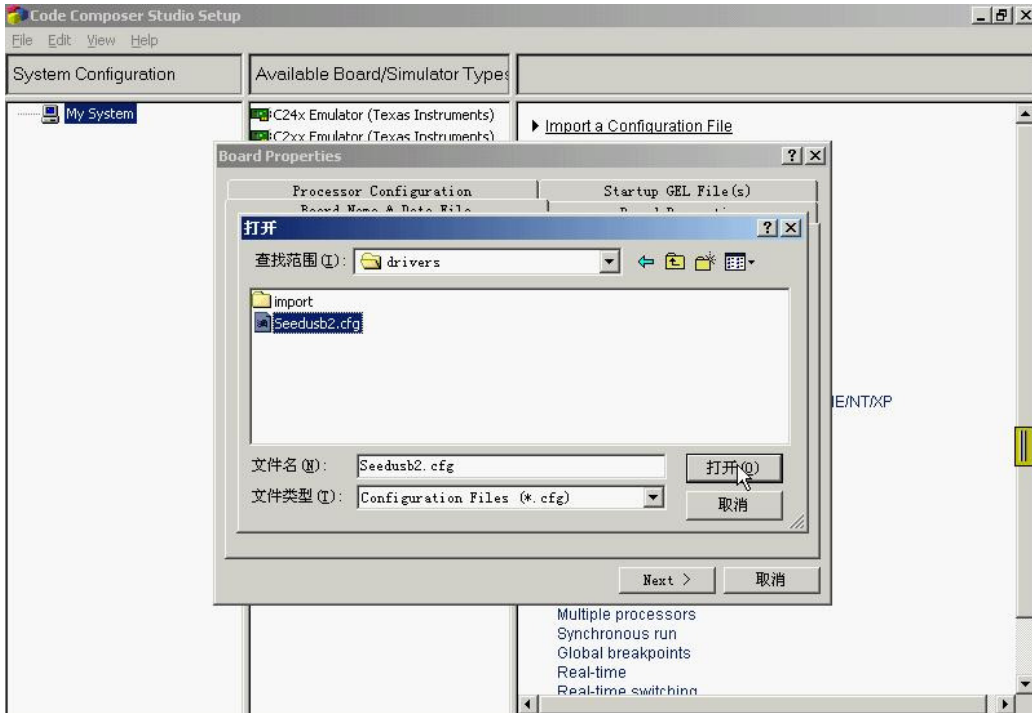
表示仿真器工作正常.

d、双击桌面上图标 "Setup CCS 2 ('C2000)":

e、关闭如下窗口.

f、 双击中间栏里面的驱动 "F24XX XDS510 Emulator":

g、选择"Auto-generate board data file with extra configuration"

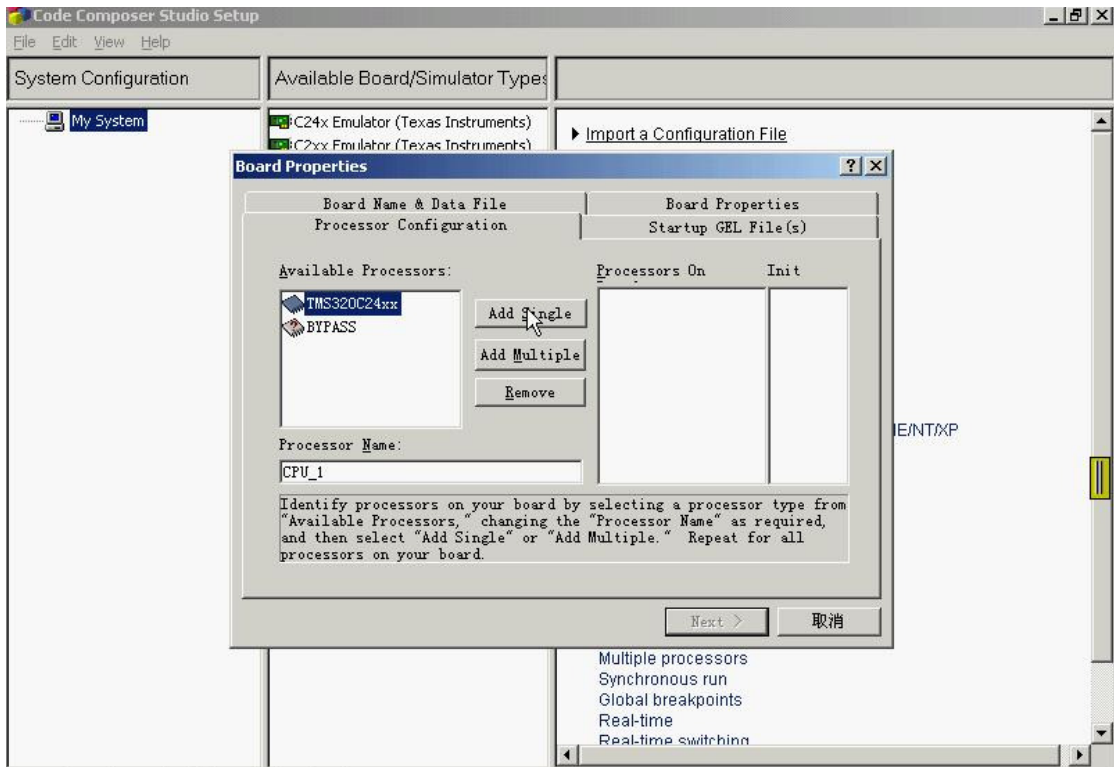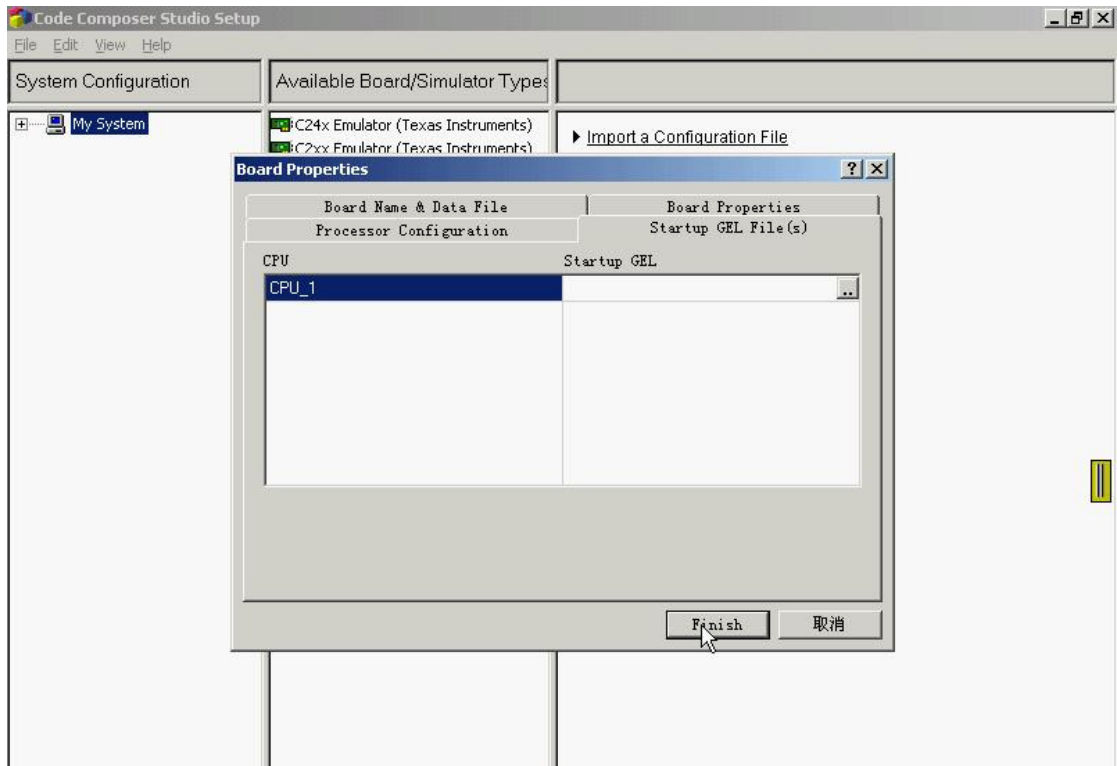**h、添加 seedusb2.cfg ，路经 c:\tic2000\drivers**

I/O Port：0x240
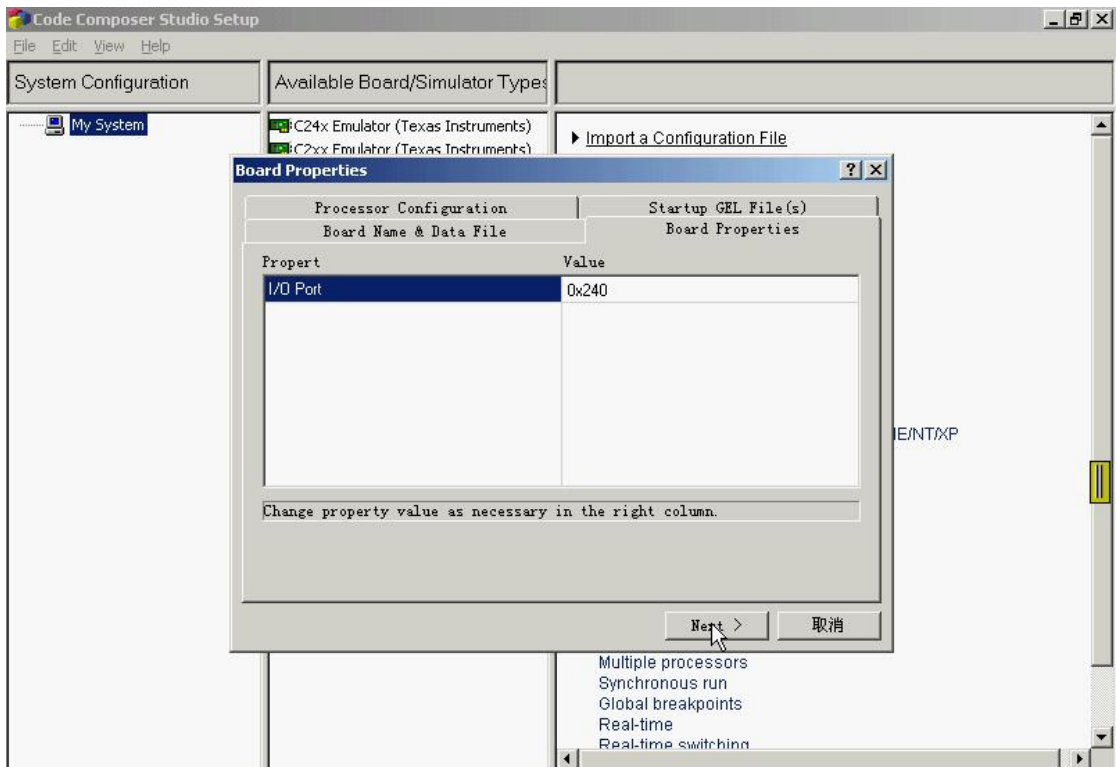
以单 CPU 为例，添加 Add Single "TMS320C24xx"

"Finish"。

i、 保存并进入 CCS.