

USB_DevBulk_idkAM574x_armExampleProject [Active - Debug]

- Includes
- Debug
- dev_bulk_main.c
- timer.c
- usb_bulk_structs.c
- usb_osal.c
- macros.ini_initial
- usb_arm_am574x_idk.cfg

```
Getting Started  usb_arm_am574x_idk.cfg
94
95 /* ===== BIOS configuration ===== */
96
97 var BIOS = xdc.useModule('ti.sysbios.BIOS');
98 BIOS.smpEnabled = true; // add for SMP
99 /*
```

1 Add this code

```
Console
CDT Build Console [USB_DevBulk_idkAM574x_armExampleProject]
configuring usb_arm_am574x_idk.xa15fg from package/cfg/usb_arm_am574x_idk_pa15fg.cfg ...
subdir_rules.mk:26: recipe for target 'build-1127084657-inproc' failed
error: ti.sysbios.family.arm.a15.Cache: "C:/ti/bios_6.73.00.12/packages/ti/sysbios/family/arm/a15/Cache.xs", line 180:
ti.sysbios.family.arm.a15.Cache : This module does not support SMP mode. Please use ti.sysbios.family.arm.a15.smp.Cache
module instead.
js: "C:/ti/xdctools_3_50_07_20_core/packages/xdc/cfg/Main.xs", line 160: Error: Configuration failed!
xdctools_3_50_07_20_core\gmake.exe: *** [package/cfg/usb_arm_am574x_idk_pa15fg.xdl] Error 1
xdctools_3_50_07_20_core\gmake.exe: *** [package/cfg/usb_arm_am574x_idk_pa15fg.xdl] Deleting file
`package/cfg/usb_arm_am574x_idk_pa15fg.h'
xdctools_3_50_07_20_core\gmake.exe: *** [package/cfg/usb_arm_am574x_idk_pa15fg.xdl] Deleting file
`package/cfg/usb_arm_am574x_idk_pa15fg.c'
js: "C:/ti/xdctools_3_50_07_20_core/packages/xdc/tools/Cmdr.xs", line 52: Error: xdc.tools.configuro: configuration
failed due to earlier errors (status = 2); 'linker.cmd' deleted.
gmake[1]: *** [build-1127084657-inproc] Error 1
gmake: *** [build-1127084657] Error 2
subdir_rules.mk:23: recipe for target 'build-1127084657' failed
gmake: Target 'all' not remade because of errors.
```

2 Error!

Then

```
Getting Started  usb_arm_am574x_idk.cfg
135 // fat file system for usb host example //
136 var Fatfs = xdc.loadPackage('ti.fs.fatfs');
137
138 /* ===== Cache and MMU configuration ===== */
139
140 // var Cache1 = xdc.useModule('ti.sysbios.family.arm.a15.Cache');
141 var Cache1 = xdc.useModule('ti.sysbios.family.arm.a15.smp.Cache');
142 var Mmu = xdc.useModule('ti.sysbios.family.arm.a15.Mmu');
143
```

3 Change to this code

```
Console
CDT Build Console [USB_DevBulk_idkAM574x_armExampleProject]
-Wl,--defsym,ncapsize=0x400 --specs=nano.specs -o USB_DevBulk_idkAM574x_armExampleProject.out ./dev_bulk_main.o ./timer.o ./usb_bulk_structs.o ./usb_osal.o
-Wl,-T"configPkg/linker.cmd" -Wl,--start-group -lrdimon -lgcc -lm -lc -Wl,--end-group
makefile:148: recipe for target 'USB_DevBulk_idkAM574x_armExampleProject.out' failed
C:\ti\pdk_am57xx_1_0_12\packages\ti\osal\lib\tirtos\aa15fg(CacheP_tirtos.oa15fg): In function `CacheP_wb':
C:\ti\pdk_am57xx_1_0_12\packages\ti\osal\src\tirtos\CacheP_tirtos.c:63: undefined reference to `ti_sysbios_family_arm_a15_Cache_wb_E'
C:\ti\pdk_am57xx_1_0_12\packages\ti\osal\lib\tirtos\aa15fg(CacheP_tirtos.oa15fg): In function `CacheP_wbInv':
C:\ti\pdk_am57xx_1_0_12\packages\ti\osal\src\tirtos\CacheP_tirtos.c:67: undefined reference to `ti_sysbios_family_arm_a15_Cache_wbInv_E'
C:\ti\pdk_am57xx_1_0_12\packages\ti\osal\lib\tirtos\aa15fg(CacheP_tirtos.oa15fg): In function `CacheP_Inv':
C:\ti\pdk_am57xx_1_0_12\packages\ti\osal\src\tirtos\CacheP_tirtos.c:72: undefined reference to `ti_sysbios_family_arm_a15_Cache_inv_E'
collect2.exe: error: ld returned 1 exit status
gmake[1]: *** [USB_DevBulk_idkAM574x_armExampleProject.out] Error 1
gmake: *** [all] Error 2
makefile:144: recipe for target 'all' failed
```

4 Error!