

HVPSFB_PCMC (F2802x_FLASH) - Texas Instruments XDS100v2 USB Emulator_0/C

Device

Thread [main] (Suspended)

0ISR_ILLEGAL at HVPSFB-DevInt_F2802x.c:586 0x3f7638

1 ADC_SOC_CNFINIT *, int *, int *, int *, int *) at ADC_SOC_Cnf.c:46 0x3f73

Texas Instruments XDS100v2 USB Emulator_0/C28xx (9:37:55 AM)

Texas Instruments XDS100v2 USB Emulator_0/C28xx: CIO (9:37:55 AM)

Name	Value	Address	Type
(x) Vref	0.124940063	0x00000836A@Data	int
(x) Gui_Vfbout	0.0	0x000008302@Data	int
(x) Gui_VfbSet	0.149902	0x000008310@Data	int
(x) Gui_VfbSet	2.0	0x000008311@Data	int
(x) Gui_Vfb	0.0065918	0x000008303@Data	int
(x) Gui_Vfb	0.375	0x000008304@Data	int
(x) Gui_Vfb	0.3125	0x000008300@Data	int
(x) Gui_Vfb	0	0x000008312@Data	int
(x) SR_mode	2	0x00000834B@Data	int
(x) FaultFg	0	0x000008301@Data	int
(x) ACC	0x00000828F	Register ACC	pc

HVPSFB-Main.c

Disassembly (ISR_ILLEGAL + ...)

```
440 void main(void)
441 {
442     //
443     // INITIALIZATION - General
444     //
    ...
```

Enter location here

0x3f7636:	7625	.word	0x762
0x3f7637:	0642	.word	0x064
CSDW\$LS_ISR_ILLEGAL\$2\$B, C\$17:			
0x3f7638:	6F00	.word	0x6F0
CSDW\$LS_ISR_ILLEGAL\$2\$B, MemoCo			
0x3f7639:	FE04	.word	0xFE0
0x3f763A:	A044	.word	0xA04
0x3f763B:	A842	.word	0xA84
0x3f763C:	C442	.word	0xC44

HVPSFB-DevInt_F2802x.c

HVPSFB-Settings.h

HVPSFB-DPL-ISR.asm

```
585 asm(" MOVL ACC,*--SP[2]"); //ACC = return PC value from stack
586 for(;;);
587 }
588 }
589 //Set a breakpoint at this instruction. Once it hits the breakpoint,
```

Disassembly (ISR_ILLEGAL + ...)

HVPSFB_PCMC [Project Debug Session] Texas Instruments XDS100v2 USB Emulator_0/C28xx (9:37:55 AM)

C28xx: Trouble Reading PC Register: (Error -1142 @ 0x0) Device blocked debug access because it is currently executin

Terminate Debug Session

Introduction

Terminating your debug session will close your debugger and return you to the C/C++ Perspective.

The next time you launch a debug session the debugger will have to be loaded again which will take extra time.

You do not need to terminate the debug session to make changes to your program. Instead you can simply make your source changes, build and then reload your program.

- Do not show this again
- Disable all cheatsheets
- Click to Begin

Terminate Debug Session

0x3F7630:	FE84	.word	0xFE84
0x3F7631:	FE69	.word	0xFF69
0x3F7632:	0006	.word	0x0006
ISR_ILLEGAL:			
0x3F7633:	761B	.word	0x761B
0x3F7634:	2942	.word	0x2942
0x3F7635:	5616	.word	0x5616
0x3F7636:	7625	.word	0x7625
0x3F7637:	0642	.word	0x0642
CSDW\$LS_ISR_ILLEGAL\$2SB, C\$17:			
0x3F7638:	6F00	.word	0x6F00
CSDW\$LS_ISR_ILLEGAL\$2SE, MemCopy:			
0x3F7639:	FE04	.word	0xFF04
0x3F763A:	A044	.word	0xA044
0x3F763B:	A842	.word	0xA842
0x3F763C:	C442	.word	0xC442
0x3F763D:	0644	.word	0x0644
0x3F763E:	0FA6	.word	0x0FA6
0x3F763F:	690D	.word	0x690D
CSDW\$LS_MemCopy\$2SB, C\$18:			
0x3F7640:	8A42	.word	0x8A42
0x3F7641:	9284	.word	0x9284
0x3F7642:	A842	.word	0xA842
0x3F7643:	8A48	.word	0x8A48
0x3F7644:	C4A4	.word	0xC4A4
0x3F7645:	DE01	.word	0xDE01
0x3F7646:	C248	.word	0xC248
0x3F7647:	96C4	.word	0x96C4
0x3F7648:	C442	.word	0xC442
0x3F7649:	0644	.word	0x0644
0x3F764A:	0FA6	.word	0x0FA6
0x3F764B:	66F5	.word	0x66F5
CSDW\$LS_MemCopy\$2SE, C\$19:			
0x3F764C:	FE84	.word	0xFF84
0x3F764D:	0006	.word	0x0006
DacDrvConf:			
0x3F764E:	B2BD	.word	0xB2BD
0x3F764F:	FE04	.word	0xFF04
0x3F7650:	7D44	.word	0x7D44
0x3F7651:	7C43	.word	0x7C43
0x3F7652:	9742	.word	0x9742
0x3F7653:	9641	.word	0x9641
0x3F7654:	7622	.word	0x7622
0x3F7655:	3B01	.word	0x3B01
0x3F7656:	8F00	.word	0x8F00
0x3F7657:	8392	.word	0x8392
0x3F7658:	5603	.word	0x5603
0x3F7659:	0141	.word	0x0141
0x3F765A:	5601	.word	0x5601
0x3F765B:	00A4	.word	0x00A4
0x3F765C:	8AC4	.word	0x8AC4
0x3F765D:	1AC4	.word	0x1AC4
0x3F765E:	0001	.word	0x0001

0x008271:	42A9	.word	0x42A9
0x008272:	EE98	.word	0xEE98
0x008273:	9A1C	.word	0x9A1C
0x008274:	09F3	.word	0x09F3
0x008275:	57FF	.word	0x57FF
0x008276:	0B75	.word	0x0B75
0x008277:	094C	.word	0x094C
0x008278:	9007	.word	0x9007
0x008279:	6570	.word	0x6570
0x00827A:	079F	.word	0x079F
0x00827B:	CE92	.word	0xCE92
0x00827C:	587C	.word	0x587C
0x00827D:	FCD3	.word	0xFCD3
0x00827E:	55C2	.word	0x55C2
0x00827F:	D325	.word	0xD325
0x008280:	261F	.word	0x261F
0x008281:	9BC1	.word	0x9BC1
0x008282:	2650	.word	0x2650
0x008283:	F582	.word	0xF582
0x008284:	59BB	.word	0x59BB
0x008285:	D0C0	.word	0xD0C0
0x008286:	5613	.word	0x5613
0x008287:	8086	.word	0x8086
0x008288:	A879	.word	0xA879
0x008289:	BB43	.word	0xBB43
0x00828A:	8005	.word	0x8005
0x00828B:	AA1B	.word	0xAA1B
0x00828C:	580F	.word	0x580F
0x00828D:	1F91	.word	0x1F91
0x00828E:	A1A9	.word	0xA1A9
0x00828F:	4127	.word	0x4127
0x008290:	90B8	.word	0x90B8
0x008291:	8C35	.word	0x8C35
0x008292:	C889	.word	0xC889
0x008293:	093D	.word	0x093D
0x008294:	96B0	.word	0x96B0
0x008295:	24BC	.word	0x24BC
0x008296:	AA96	.word	0xAA96
0x008297:	3B7D	.word	0x3B7D
0x008298:	3F80	.word	0x3F80
0x008299:	3BC6	.word	0x3BC6
0x00829A:	2B04	.word	0x2B04
0x00829B:	8716	.word	0x8716
0x00829C:	02B8	.word	0x02B8
0x00829D:	775F	.word	0x775F
0x00829E:	398B	.word	0x398B
0x00829F:	0161	.word	0x0161
0x0082A0:	B704	.word	0xB704
0x0082A1:	EDD0	.word	0xEDD0
0x0082A2:	4072	.word	0x4072
0x0082A3:	62B4	.word	0x62B4
0x0082A4:	B49A	.word	0xB49A
0x0082A5:	FAB3	.word	0xFAB3