
TMS320C2000 Linker PC v6.1.0

>> Linked Wed Aug 07 15:02:22 2013

OUTPUT FILE NAME: <Piccolo_CLA_TemplateProject.out>

ENTRY POINT SYMBOL: "_c_int00" address: 003f7b47

MEMORY CONFIGURATION

name	origin	length	used	unused	attr	fill
PAGE 0:						
RAML0	00008000	00000800	0000001f	000007e1	RWIX	
RAML3	00009000	00001000	00000a84	0000057c	RWIX	
OTP	003d7800	00000400	00000000	00000400	RWIX	
FLASHH	003e8000	00002000	00000000	00002000	RWIX	
FLASHG	003ea000	00002000	00000000	00002000	RWIX	
FLASHF	003ec000	00002000	00000000	00002000	RWIX	
FLASH E	003ee000	00002000	00000000	00002000	RWIX	
FLASHD	003f0000	00002000	0000001f	00001fe1	RWIX	
FLASHC	003f2000	00002000	00000a84	0000157c	RWIX	
FLASHA	003f6000	00001f80	00001f71	0000000f	RWIX	
CSM_RSVD	003f7f80	00000076	00000000	00000076	RWIX	
BEGIN	003f7ff6	00000002	00000002	00000000	RWIX	
CSM_PWL	003f7ff8	00000008	00000000	00000008	RWIX	
IQTABLES	003fe000	00000b50	00000000	00000b50	RWIX	
IQTABLES2	003feb50	0000008c	00000000	0000008c	RWIX	
IQTABLES3	003febdc	000000aa	00000000	000000aa	RWIX	
BOOTROM	003ff27c	00000d44	00000000	00000d44	RWIX	
RESET	003ffc0	00000002	00000000	00000002	RWIX	
VECTORS	003ffc2	0000003e	00000000	0000003e	RWIX	
PAGE 1:						
BOOT_RSVD	00000000	00000050	00000000	00000050	RWIX	
RAMM0	00000050	000003b0	00000300	000000b0	RWIX	
RAMM1	00000400	00000400	000003d0	00000030	RWIX	
DEV_EMU	00000880	00000105	00000004	00000101	RWIX	
SYS_PWR_CTL	00000985	00000003	00000003	00000000	RWIX	
FLASH_REGS	00000a80	00000060	00000008	00000058	RWIX	
CSM	00000ae0	00000010	00000010	00000000	RWIX	
ADC_RESULT	00000b00	00000020	00000020	00000000	RWIX	
CPU_TIMER0	00000c00	00000008	00000008	00000000	RWIX	
CPU_TIMER1	00000c08	00000008	00000008	00000000	RWIX	
CPU_TIMER2	00000c10	00000008	00000008	00000000	RWIX	
PIE_CTRL	00000ce0	00000020	0000001a	00000006	RWIX	
PIE_VECT	00000d00	00000100	00000100	00000000	RWIX	

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CLA1          00001400 00000080 00000040 00000040 RWIX
CLA_CPU_MSGRAM 00001480 00000080 00000010 00000070 RWIX
CPU_CLA_MSGRAM 00001500 00000080 00000012 0000006e RWIX
ECANA         00006000 00000040 00000034 0000000c RWIX
ECANA_LAM     00006040 00000040 00000040 00000000 RWIX
ECANA_MOTS    00006080 00000040 00000040 00000000 RWIX
ECANA_MOTO    000060c0 00000040 00000040 00000000 RWIX
ECANA_MBOX    00006100 00000100 00000100 00000000 RWIX
COMP1        00006400 00000020 00000014 0000000c RWIX
COMP2        00006420 00000020 00000014 0000000c RWIX
COMP3        00006440 00000020 00000014 0000000c RWIX
EPWM1        00006800 00000040 00000040 00000000 RWIX
EPWM2        00006840 00000040 00000040 00000000 RWIX
EPWM3        00006880 00000040 00000040 00000000 RWIX
EPWM4        000068c0 00000040 00000040 00000000 RWIX
EPWM5        00006900 00000040 00000040 00000000 RWIX
EPWM6        00006940 00000040 00000040 00000000 RWIX
EPWM7        00006980 00000040 00000040 00000000 RWIX
ECAP1        00006a00 00000020 00000020 00000000 RWIX
HRCAP1       00006ac0 00000020 00000020 00000000 RWIX
HRCAP2       00006ae0 00000020 00000020 00000000 RWIX
EQEP1        00006b00 00000040 00000040 00000000 RWIX
LINA         00006c00 00000080 0000004a 00000036 RWIX
GPIOCTRL     00006f80 00000040 00000040 00000000 RWIX
GPIODAT     00006fc0 00000020 00000020 00000000 RWIX
GPIOINT     00006fe0 00000020 0000000c 00000014 RWIX
SYSTEM       00007010 00000020 00000020 00000000 RWIX
SPIA         00007040 00000010 00000010 00000000 RWIX
SCIA         00007050 00000010 00000010 00000000 RWIX
NMIINTRUPT   00007060 00000010 00000010 00000000 RWIX
XINTRUPT     00007070 00000010 00000010 00000000 RWIX
ADC          00007100 00000080 00000050 00000030 RWIX
SPIB         00007740 00000010 00000010 00000000 RWIX
I2CA         00007900 00000040 00000022 0000001e RWIX
CLARAM0      00008800 00000400 000001e0 00000220 RWIX
CLARAM1      00008c00 00000400 00000000 00000400 RWIX
PARTID       003d7e80 00000001 00000001 00000000 RWIX
FLASHB       003f4000 00002000 00000000 00002000 RWIX
CSM_PWL      003f7ff8 00000008 00000008 00000000 RWIX

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SECTION ALLOCATION MAP

```

output          attributes/
section page  origin  length  input sections
-----
.pinit  0  003f6000  00000000  UNINITIALIZED

```

```

.switch 0 00000000 00000080 FAILED TO ALLOCATE
ramfuncs 0 003f0000 0000001f RUN ADDR = 00008000
    003f0000 0000001b HVACI_Sensorless_CLA-DevInit_F2803x.obj (ramfuncs)
    003f001b 00000004 DSP2803x_usDelay.obj (ramfuncs)

Cla1Prog 0 003f2000 00000a84 RUN ADDR = 00009000
    003f2000 00000a84 HVACI_Sensorless_CLA-Tasks_C.obj (Cla1Prog:retain)

.text 0 003f6000 00001c6f
    003f6000 000007c2 dp_if.obj (.text)
    003f67c2 00000629 HVACI_Sensorless_CLA-Main.obj (.text)
    003f6deb 000003f3 Modbus_RTU.obj (.text)
    003f71de 0000022b HVACI_Sensorless_CLA-DevInit_F2803x.obj (.text)
    003f7409 000001bf ADC_SOC_Cnf.obj (.text)
    003f75c8 0000019a ProfibusMain.obj (.text)
    003f7762 00000133 dp_isr.obj (.text)
    003f7895 00000101 DpAppl.obj (.text)
    003f7996 000000ca PWM_1ch_Cnf.obj (.text)
    003f7a60 000000a2 DpDiag.obj (.text)
    003f7b02 00000045 DpPrm.obj (.text)
    003f7b47 00000044 rts2800_ml.lib : boot.obj (.text)
    003f7b8b 0000003c DpCfg.obj (.text)
    003f7bc7 00000025 rts2800_ml.lib : fs_toi.obj (.text)
    003f7bec 00000021 : memcpy_ff.obj (.text)
    003f7c0d 0000001a : i_tofs.obj (.text)
    003f7c27 00000019 : args_main.obj (.text)
    003f7c40 00000019 : exit.obj (.text)
    003f7c59 00000009 : _lock.obj (.text)
    003f7c62 00000008 DSP2803x_CodeStartBranch.obj (.text)
    003f7c6a 00000005 HVACI_Sensorless_CLA-DevInit_F2803x.obj (.text:retain)

.econst 0 003f7c6f 00000201
    003f7c6f 00000100 Modbus_RTU.obj (.econst:_auchCRChi)
    003f7d6f 00000100 Modbus_RTU.obj (.econst:_auchCRCLo)
    003f7e6f 00000001 DpCfg.obj (.econst:_DpApplDefCfg)

.cinit 0 003f7e70 00000101
    003f7e70 000000e3 HVACI_Sensorless_CLA-Main.obj (.cinit)
    003f7f53 0000000a rts2800_ml.lib : _lock.obj (.cinit)
    003f7f5d 0000000a : exit.obj (.cinit)
    003f7f67 00000008 Modbus_RTU.obj (.cinit)
    003f7f6f 00000002 --HOLE-- [fill = 0]

codestart
* 0 003f7ff6 00000002
    003f7ff6 00000002 DSP2803x_CodeStartBranch.obj (codestart)

.reset 0 003fffc0 00000002 DSECT

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003fffc0 00000002 rts2800_ml.lib : boot.obj (.reset)

vectors 0 003fffc2 00000000 DSECT

.stack 1 00000050 00000300 UNINITIALIZED
00000050 00000300 --HOLE--

.ebss 1 00000400 000003d0 UNINITIALIZED
00000400 000001a4 Modbus_RTU.obj (.ebss)
000005a4 00000004 rts2800_ml.lib : _lock.obj (.ebss)
000005a8 00000004 : exit.obj (.ebss)
000005ac 00000002 ProfibusMain.obj (.ebss)
000005ae 00000012 --HOLE--
000005c0 00000140 HVACI_Sensorless_CLA-Main.obj (.ebss)
00000700 000000d0 DpAppl.obj (.ebss)

DevEmuRegsFile
* 1 00000880 00000004 UNINITIALIZED
00000880 00000004 DSP2803x_GlobalVariableDefs.obj (DevEmuRegsFile)

SysPwrCtrlRegsFile
* 1 00000985 00000003 UNINITIALIZED
00000985 00000003 DSP2803x_GlobalVariableDefs.obj (SysPwrCtrlRegsFile)

FlashRegsFile
* 1 00000a80 00000008 UNINITIALIZED
00000a80 00000008 DSP2803x_GlobalVariableDefs.obj (FlashRegsFile)

CsmRegsFile
* 1 00000ae0 00000010 UNINITIALIZED
00000ae0 00000010 DSP2803x_GlobalVariableDefs.obj (CsmRegsFile)

AdcResultFile
* 1 00000b00 00000020 UNINITIALIZED
00000b00 00000020 DSP2803x_GlobalVariableDefs.obj (AdcResultFile)

CpuTimer0RegsFile
* 1 00000c00 00000008 UNINITIALIZED
00000c00 00000008 DSP2803x_GlobalVariableDefs.obj (CpuTimer0RegsFile)

CpuTimer1RegsFile
* 1 00000c08 00000008 UNINITIALIZED
00000c08 00000008 DSP2803x_GlobalVariableDefs.obj (CpuTimer1RegsFile)

CpuTimer2RegsFile
* 1 00000c10 00000008 UNINITIALIZED
00000c10 00000008 DSP2803x_GlobalVariableDefs.obj (CpuTimer2RegsFile)

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PieCtrlRegsFile

* 1 00000ce0 0000001a UNINITIALIZED
00000ce0 0000001a DSP2803x_GlobalVariableDefs.obj (PieCtrlRegsFile)

PieVectTableFile

* 1 00000d00 00000100 UNINITIALIZED
00000d00 00000100 DSP2803x_GlobalVariableDefs.obj (PieVectTableFile)

EmuKeyVar

* 1 00000d00 00000001 UNINITIALIZED
00000d00 00000001 DSP2803x_GlobalVariableDefs.obj (EmuKeyVar)

EmuBModeVar

* 1 00000d01 00000001 UNINITIALIZED
00000d01 00000001 DSP2803x_GlobalVariableDefs.obj (EmuBModeVar)

FlashCallbackVar

* 1 00000d02 00000002 UNINITIALIZED
00000d02 00000002 DSP2803x_GlobalVariableDefs.obj (FlashCallbackVar)

FlashScalingVar

* 1 00000d04 00000002 UNINITIALIZED
00000d04 00000002 DSP2803x_GlobalVariableDefs.obj (FlashScalingVar)

Cla1RegsFile

* 1 00001400 00000040 UNINITIALIZED
00001400 00000040 DSP2803x_GlobalVariableDefs.obj (Cla1RegsFile)

Cla1ToCpuMsgRAM

* 1 00001480 00000010 UNINITIALIZED
00001480 00000010 HVACI_Sensorless_CLA-Tasks_C.obj (Cla1ToCpuMsgRAM)

CpuToCla1MsgRAM

* 1 00001500 00000012 UNINITIALIZED
00001500 00000012 HVACI_Sensorless_CLA-Tasks_C.obj (CpuToCla1MsgRAM)

ECanaRegsFile

* 1 00006000 00000034 UNINITIALIZED
00006000 00000034 DSP2803x_GlobalVariableDefs.obj (ECanaRegsFile)

ECanaLAMRegsFile

* 1 00006040 00000040 UNINITIALIZED
00006040 00000040 DSP2803x_GlobalVariableDefs.obj (ECanaLAMRegsFile)

ECanaMOTSRegsFile

* 1 00006080 00000040 UNINITIALIZED
00006080 00000040 DSP2803x_GlobalVariableDefs.obj (ECanaMOTSRegsFile)

ECanaMOTORegsFile

* 1 000060c0 00000040 UNINITIALIZED
000060c0 00000040 DSP2803x_GlobalVariableDefs.obj (ECanaMOTORegsFile)

ECanaMboxesFile

* 1 00006100 00000100 UNINITIALIZED
00006100 00000100 DSP2803x_GlobalVariableDefs.obj (ECanaMboxesFile)

Comp1RegsFile

* 1 00006400 00000014 UNINITIALIZED
00006400 00000014 DSP2803x_GlobalVariableDefs.obj (Comp1RegsFile)

Comp2RegsFile

* 1 00006420 00000014 UNINITIALIZED
00006420 00000014 DSP2803x_GlobalVariableDefs.obj (Comp2RegsFile)

Comp3RegsFile

* 1 00006440 00000014 UNINITIALIZED
00006440 00000014 DSP2803x_GlobalVariableDefs.obj (Comp3RegsFile)

EPwm1RegsFile

* 1 00006800 00000040 UNINITIALIZED
00006800 00000040 DSP2803x_GlobalVariableDefs.obj (EPwm1RegsFile)

EPwm2RegsFile

* 1 00006840 00000040 UNINITIALIZED
00006840 00000040 DSP2803x_GlobalVariableDefs.obj (EPwm2RegsFile)

EPwm3RegsFile

* 1 00006880 00000040 UNINITIALIZED
00006880 00000040 DSP2803x_GlobalVariableDefs.obj (EPwm3RegsFile)

EPwm4RegsFile

* 1 000068c0 00000040 UNINITIALIZED
000068c0 00000040 DSP2803x_GlobalVariableDefs.obj (EPwm4RegsFile)

EPwm5RegsFile

* 1 00006900 00000040 UNINITIALIZED
00006900 00000040 DSP2803x_GlobalVariableDefs.obj (EPwm5RegsFile)

EPwm6RegsFile

* 1 00006940 00000040 UNINITIALIZED
00006940 00000040 DSP2803x_GlobalVariableDefs.obj (EPwm6RegsFile)

EPwm7RegsFile

* 1 00006980 00000040 UNINITIALIZED
00006980 00000040 DSP2803x_GlobalVariableDefs.obj (EPwm7RegsFile)

ECap1RegsFile

* 1 00006a00 00000020 UNINITIALIZED
00006a00 00000020 DSP2803x_GlobalVariableDefs.obj (ECap1RegsFile)

HRCap1RegsFile

* 1 00006ac0 00000020 UNINITIALIZED
00006ac0 00000020 DSP2803x_GlobalVariableDefs.obj (HRCap1RegsFile)

HRCap2RegsFile

* 1 00006ae0 00000020 UNINITIALIZED
00006ae0 00000020 DSP2803x_GlobalVariableDefs.obj (HRCap2RegsFile)

EQep1RegsFile

* 1 00006b00 00000040 UNINITIALIZED
00006b00 00000040 DSP2803x_GlobalVariableDefs.obj (EQep1RegsFile)

LinaRegsFile

* 1 00006c00 0000004a UNINITIALIZED
00006c00 0000004a DSP2803x_GlobalVariableDefs.obj (LinaRegsFile)

GpioCtrlRegsFile

* 1 00006f80 00000040 UNINITIALIZED
00006f80 00000040 DSP2803x_GlobalVariableDefs.obj (GpioCtrlRegsFile)

GpioDataRegsFile

* 1 00006fc0 00000020 UNINITIALIZED
00006fc0 00000020 DSP2803x_GlobalVariableDefs.obj (GpioDataRegsFile)

GpioIntRegsFile

* 1 00006fe0 0000000c UNINITIALIZED
00006fe0 0000000c DSP2803x_GlobalVariableDefs.obj (GpioIntRegsFile)

SysCtrlRegsFile

* 1 00007010 00000020 UNINITIALIZED
00007010 00000020 DSP2803x_GlobalVariableDefs.obj (SysCtrlRegsFile)

SpiaRegsFile

* 1 00007040 00000010 UNINITIALIZED
00007040 00000010 DSP2803x_GlobalVariableDefs.obj (SpiaRegsFile)

SciaRegsFile

* 1 00007050 00000010 UNINITIALIZED
00007050 00000010 DSP2803x_GlobalVariableDefs.obj (SciaRegsFile)

NmiIntruptRegsFile

* 1 00007060 00000010 UNINITIALIZED
00007060 00000010 DSP2803x_GlobalVariableDefs.obj (NmiIntruptRegsFile)

```

XIntruptRegsFile
*      1  00007070  00000010  UNINITIALIZED
        00007070  00000010  DSP2803x_GlobalVariableDefs.obj (XIntruptRegsFile)

AdcRegsFile
*      1  00007100  00000050  UNINITIALIZED
        00007100  00000050  DSP2803x_GlobalVariableDefs.obj (AdcRegsFile)

SpibRegsFile
*      1  00007740  00000010  UNINITIALIZED
        00007740  00000010  DSP2803x_GlobalVariableDefs.obj (SpibRegsFile)

I2caRegsFile
*      1  00007900  00000022  UNINITIALIZED
        00007900  00000022  DSP2803x_GlobalVariableDefs.obj (I2caRegsFile)

CLAscratch
*      1  00008800  00000100  UNINITIALIZED
        00008800  00000100  --HOLE--

ClaDataRam0
*      1  00008900  000000e0  UNINITIALIZED
        00008900  000000e0  HVACI_Sensorless_CLA-Tasks_C.obj (ClaDataRam0)

PartIdRegsFile
*      1  003d7e80  00000001  UNINITIALIZED
        003d7e80  00000001  DSP2803x_GlobalVariableDefs.obj (PartIdRegsFile)

CsmPwlFile
*      1  003f7ff8  00000008  UNINITIALIZED
        003f7ff8  00000008  DSP2803x_GlobalVariableDefs.obj (CsmPwlFile)

```

GLOBAL SYMBOLS: SORTED ALPHABETICALLY BY Name

```

address  name
-----  ----
003f6000 .text
003f7c40 C$$EXIT
003f7bc7 FS$$TOI
003f7c0d I$$TOFS
003f69ef _A0
003f6a38 _A1
003f6a62 _A2
003f6a68 _A3
003f6a70 _A4
00000608 _ACQPS
003f6b53 _ADCOffset

```


003f7409 _ADC_SOC_CNF
000005ee _A_Task_Ptr
00007100 _AdcRegs
00000b00 _AdcResult
003f6fe7 _AddrCheck
000005ea _Alpha_State_Ptr
003f6a0c _B0
003f6a76 _B1
003f6b02 _B2
003f6b08 _B3
000005ec _B_Task_Ptr
003f6a22 _C0
003f6b35 _C1
003f6b41 _C2
003f6b47 _C3
003f6b4d _C4
003f732a _CLA_C_Init
0000040c _CRCCheck
000005f0 _C_Task_Ptr
00000640 _ChSel
00009000 _Cla1Prog_Start
00001400 _Cla1Regs
00009000 _Cla1Task1
0000981a _Cla1Task2
00009822 _Cla1Task3
0000982a _Cla1Task4
00009832 _Cla1Task5
0000983a _Cla1Task6
00009842 _Cla1Task7
0000984a _Cla1Task8
003f2a84 _Cla1funcsLoadEnd
003f2000 _Cla1funcsLoadStart
00009000 _Cla1funcsRunStart
000005d4 _CommsOKflg
00000600 _Comp
00006400 _Comp1Regs
00006420 _Comp2Regs
00006440 _Comp3Regs
003f7718 _CopyFromVpc3
003f76d6 _CopyToVpc3
00000c00 _CpuTimer0Regs
00000c08 _CpuTimer1Regs
00000c10 _CpuTimer2Regs
003f6ef4 _Crc16
003f7ff8 _CsmPwl
00000ae0 _CsmRegs
0000150c _CurrentFrqRef
00001504 _CurrentStpRef

003f67c2 _DLOG_BuffInit
00001501 _DMC_CLA_BUILDLEVEL
0000801b _DSP28x_usDelay
00000880 _DevEmuRegs
003f71de _DeviceInit
003f7e6f _DpApplDefCfg
003f75ee _DpAppl_ClrResetVPC3Channel1
UNDEFED _DpAppl_EnableInterruptVPC3Channel1
003f798a _DpAppl_IsrBaudrateDetect
003f7985 _DpAppl_IsrDxOut
003f7977 _DpAppl_IsrGoLeaveDataExchange
003f798b _DpAppl_IsrNewGlobalControlCommand
003f798f _DpAppl_IsrNewSetSlaveAddress
003f7989 _DpAppl_IsrNewWdDpTimeout
003f7995 _DpAppl_IsrTimerClock
003f78d7 _DpAppl_ProfibusInit
003f7923 _DpAppl_ProfibusMain
003f75e7 _DpAppl_SetResetVPC3Channel1
003f7b97 _DpCfg_ChkNewCfgData
003f7b8b _DpCfg_Init
003f7a62 _DpDiag_Alarm
003f7a60 _DpDiag_AlarmInit
003f7a61 _DpDiag_Init
003f7af5 _DpDiag_IsrDiagBufferChanged
003f7aa7 _DpDiag_PrmOk
003f7ae3 _DpDiag_ResetDiagnosticBuffer
003f7ad7 _DpDiag_ResetStatDiag
003f7abf _DpDiag_SetCfgOk
003f7b1b _DpPrm_ChkNewPrmData
003f7b02 _DpPrm_Init
00006040 _ECanaLAMRegs
000060c0 _ECanaMOTORegs
00006080 _ECanaMOTSRegs
00006100 _ECanaMboxes
00006000 _ECanaRegs
00006a00 _ECap1Regs
00006800 _EPwm1Regs
00006840 _EPwm2Regs
00006880 _EPwm3Regs
000068c0 _EPwm4Regs
00006900 _EPwm5Regs
00006940 _EPwm6Regs
00006980 _EPwm7Regs
00006b00 _EQep1Regs
0000d01 _EmuBMode
0000d00 _EmuKey
00001500 _EnableFlag
000005d1 _FSuperFlag

003f7972 _FatalError
00000a80 _FlashRegs
00000d04 _Flash_CPUScaleFactor
00000d02 _Flash_CallbackPtr
0000150a _FrqSyncRef
003f6e92 _GetCmdByte
003f6000 _GetFirmwareVersion
003f70e8 _GetRegisterVal
00006f80 _GpioCtrlRegs
00006fc0 _GpioDataRegs
00006fe0 _GpioIntRegs
000005e2 _Gui_CurrentFrqRef
000005e1 _Gui_CurrentStpRef
000005e7 _Gui_DMC_CLA_BUILDLEVEL
000005d8 _Gui_Dgain_I
000005dc _Gui_Dgain_P
000005d5 _Gui_Dgain_V
000005c7 _Gui_FaultMode
000005e3 _Gui_FrqSyncRef
000005c3 _Gui_GFIIn
000005c4 _Gui_GFIp
000005c1 _Gui_Idx
000005da _Gui_Igain_I
000005e5 _Gui_Igain_P
000005d7 _Gui_Igain_V
000005c2 _Gui_Iout
000005e4 _Gui_Pgain_I
000005d6 _Gui_Pgain_P
000005d9 _Gui_Pgain_V
000005c8 _Gui_Pin
000005c9 _Gui_Pout
000005e9 _Gui_PowerFrqRef
000005df _Gui_PowerStpRef
000005c5 _Gui_SetPntRef
000005c0 _Gui_Vdc
000005de _Gui_VoltageFrqRef
000005e0 _Gui_VoltageStpRef
000005d0 _Gui_Vout
000005c6 _Gui_wSysMode
000005e8 _Gui_wTurnOff
000005e6 _Gui_wTurnOn
00006ac0 _HRCap1Regs
00006ae0 _HRCap2Regs
00007900 _I2caRegs
003f7c6a _ISR_ILLEGAL
00008000 _InitFlash
000089de _IsrTicker
000005cd _LedBlinkCnt

00006c00 _LinaRegs
003f73f4 _MemCopy
003f700c _ModbusExcep
00007060 _NmiIntruptRegs
003f7380 _PLLset
003f7996 _PWM_1ch_CNF
003d7e80 _PartIdRegs
003f73b6 _PieCntlInit
00000ce0 _PieCtrlRegs
00000d00 _PieVectTable
003f73d5 _PieVectTableInit
00001510 _PowerFrqRef
000089dc _PowerLoopCount
00001508 _PowerStpRef
003f6f85 _PresetMultipleRegisters
003f75e6 _ProfibusDPV0
003f6ffc _QuantityCheck
003f001f _RamfuncsLoadEnd
003f0000 _RamfuncsLoadStart
00008000 _RamfuncsRunStart
0000040e _RcvBytNum
003f6f1f _ReadHoldRegisters
000004c0 _ReceiveArray
003f6ee7 _ResetSCI
00000403 _ResolveDoneFlag
003f6e93 _ResolveModbus
00000405 _RxChar
003f6deb _SCIA_Init
000005d2 _SPIResetTimer
00007050 _SciaRegs
00000540 _SendArray
00000400 _SendDoneflag
00000406 _SendOnFlag
000005d3 _SerialCommsTimer
003f6e2b _SerialHostCommsModbusRtu
00001502 _SetPntRef
003f702a _SetRegisterVal
00000408 _SndBytNum
0000040a _SndBytNumCnt
00007040 _SpiaRegs
00007740 _SpibRegs
UNDEFED _Swap16
003f75dd _SwapWord
00007010 _SysCtrlRegs
00000985 _SysPwrCtrlRegs
003f775b _TestVpc3_01
00000628 _TrigSel
00000404 _TxChar

003f6520 _VPC3_AssignAuxBuffer
003f618b _VPC3_CalculateInpOutpLength
003f6713 _VPC3_CheckDiagBufferChanged
003f6676 _VPC3_GetDiagBufPtr
003f64c5 _VPC3_GetDinBufPtr
003f6490 _VPC3_GetDoutBufPtr
003f665c _VPC3_GetErrorCounter
003f67b6 _VPC3_GetFreeMemory
003f6509 _VPC3_GetMasterAddress
003f622b _VPC3_InitBufferStructure
003f6080 _VPC3_Initialization
003f64f0 _VPC3_InputDataUpdate
003f602e _VPC3_MemoryTest
003f7762 _VPC3_Poll
003f67c1 _VPC3_ProcessDpv1StateMachine
003f67ae _VPC3_SetAlarm
003f6101 _VPC3_SetConstants
003f672d _VPC3_SetDiagnosis
003f6645 _VPC3_SetIoDataLength
003f60e2 _VPC3_Start
003f60f1 _VPC3_Stop
003f6698 _VPC3_UpdateDiagnosis
000005f6 _VTimer0
000005f2 _VTimer1
000005fa _VTimer2
0000150e _VoltageFrqRef
000089da _VoltageLoopCount
00001506 _VoltageStpRef
00000700 _Vpc3AsicAddress
003f76b3 _Vpc3MemCmp
003f7674 _Vpc3MemSet
003f7642 _Vpc3Read
003f75f5 _Vpc3Wait_1ms
003f760c _Vpc3Write
003f7378 _WDogDisable
00007070 _XIntruptRegs
00000350 __STACK_END
00000300 __STACK_SIZE
00000001 __TI_args_main
ffffff __binit__
ffffff __c_args__
003f7e70 __cinit__
003f7c6f __etext__
003f7bec __memcpy_ff
ffffff __pinit__
003f6000 __text__
003f7c27 __args_main
00008900 __cla_scratchpad_end

00008800 __cla_scratchpad_start
000005a8 __cleanup_ptr
000005aa __dtors_ptr
000005a6 __lock
003f7c61 __nop
003f7c5d __register_lock
003f7c59 __register_unlock
00000050 __stack
000005a4 __unlock
003f7c40 _abort
000006a0 _arrayGetList
003f7c6f _auchCRCHI
003f7d6f _auchCRCLo
000005ca _bValue
003f7b47 _c_int00
000005cb _cnt2
000005ce _convstatus
000005ac _dummy
00000618 _ePWM
003f7c42 _exit
00000402 _flagDoneGetChar
00000401 _flagStartGetChar
0000891a _ipark1
00000407 _k
00001480 _lsw
003f67d4 _main
00000440 _nData4Test
00000702 _pDpSystem
00000706 _pVpc3
00000704 _pVpc3Channel1
0000890c _park1
00008932 _pi_id
0000894e _pi_iq
000089be _pi_power_frq
000089a2 _pi_power_stp
00008986 _pi_voltage_frq
0000896a _pi_voltage_stp
000005cc _ptest
00008928 _pwm1
00008900 _rg1
0000070c _sDpAppl
00000740 _sDpSystemChannel1
003f6d65 _sFaultMode
003f6d76 _sLedControl
003f6ccc _sNormalInvMode
003f6b7f _sPowerOnMode
003f6c2c _sSoftStartMode
003f6bb4 _sStandByMode

```

00000708 _sVpc3Error
00000780 _sVpc3OnlyForInit
003f75c8 _spib_init
000006e0 _varGetList
00000680 _varSetBtnList
000006c0 _varSetSldrList
00000650 _varSetTxtList
000005cf _wSysMode
fffffff binit
003f7e70 cinit
003f7ff6 code_start
003f7c6f etext
fffffff pinit

```

GLOBAL SYMBOLS: SORTED BY Symbol Address

```

address  name
-----  ----
00000001 __TI_args_main
00000050 __stack
00000300 __STACK_SIZE
00000350 __STACK_END
00000400 _SendDoneflag
00000401 _flagStartGetChar
00000402 _flagDoneGetChar
00000403 _ResolveDoneFlag
00000404 _TxChar
00000405 _RxChar
00000406 _SendOnFlag
00000407 _k
00000408 _SndBytNum
0000040a _SndBytNumCnt
0000040c _CRCCheck
0000040e _RcvBytNum
00000440 _nData4Test
000004c0 _ReceiveArray
00000540 _SendArray
000005a4 __unlock
000005a6 __lock
000005a8 __cleanup_ptr
000005aa __dtors_ptr
000005ac _dummy
000005c0 _Gui_Vdc
000005c1 _Gui_Idx
000005c2 _Gui_lout
000005c3 _Gui_GFIn
000005c4 _Gui_GFIp

```

000005c5 _Gui_SetPntRef
000005c6 _Gui_wSysMode
000005c7 _Gui_FaultMode
000005c8 _Gui_Pin
000005c9 _Gui_Pout
000005ca _bValue
000005cb _cnt2
000005cc _ptest
000005cd _LedBlinkCnt
000005ce _convstatus
000005cf _wSysMode
000005d0 _Gui_Vout
000005d1 _FSuperFlag
000005d2 _SPIResetTimer
000005d3 _SerialCommsTimer
000005d4 _CommsOKflg
000005d5 _Gui_Dgain_V
000005d6 _Gui_Pgain_P
000005d7 _Gui_Igain_V
000005d8 _Gui_Dgain_I
000005d9 _Gui_Pgain_V
000005da _Gui_Igain_I
000005dc _Gui_Dgain_P
000005de _Gui_VoltageFrqRef
000005df _Gui_PowerStpRef
000005e0 _Gui_VoltageStpRef
000005e1 _Gui_CurrentStpRef
000005e2 _Gui_CurrentFrqRef
000005e3 _Gui_FrqSyncRef
000005e4 _Gui_Pgain_I
000005e5 _Gui_Igain_P
000005e6 _Gui_wTurnOn
000005e7 _Gui_DMC_CLA_BUILDLEVEL
000005e8 _Gui_wTurnOff
000005e9 _Gui_PowerFrqRef
000005ea _Alpha_State_Ptr
000005ec _B_Task_Ptr
000005ee _A_Task_Ptr
000005f0 _C_Task_Ptr
000005f2 _VTimer1
000005f6 _VTimer0
000005fa _VTimer2
00000600 _Comp
00000608 _ACQPS
00000618 _ePWM
00000628 _TrigSel
00000640 _ChSel
00000650 _varSetTxtList

00000680 _varSetBtnList
000006a0 _arrayGetList
000006c0 _varSetSldrList
000006e0 _varGetList
00000700 _Vpc3AsicAddress
00000702 _pDpSystem
00000704 _pVpc3Channel1
00000706 _pVpc3
00000708 _sVpc3Error
0000070c _sDpAppl
00000740 _sDpSystemChannel1
00000780 _sVpc3OnlyForInit
00000880 _DevEmuRegs
00000985 _SysPwrCtrlRegs
00000a80 _FlashRegs
00000ae0 _CsmRegs
00000b00 _AdcResult
00000c00 _CpuTimer0Regs
00000c08 _CpuTimer1Regs
00000c10 _CpuTimer2Regs
00000ce0 _PieCtrlRegs
00000d00 _EmuKey
00000d00 _PieVectTable
00000d01 _EmuBMode
00000d02 _Flash_CallbackPtr
00000d04 _Flash_CPUScaleFactor
00001400 _Cla1Regs
00001480 _lsw
00001500 _EnableFlag
00001501 _DMC_CLA_BUILDLEVEL
00001502 _SetPntRef
00001504 _CurrentStpRef
00001506 _VoltageStpRef
00001508 _PowerStpRef
0000150a _FrqSyncRef
0000150c _CurrentFrqRef
0000150e _VoltageFrqRef
00001510 _PowerFrqRef
00006000 _ECanaRegs
00006040 _ECanaLAMRegs
00006080 _ECanaMOTSRegs
000060c0 _ECanaMOTORRegs
00006100 _ECanaMboxes
00006400 _Comp1Regs
00006420 _Comp2Regs
00006440 _Comp3Regs
00006800 _EPwm1Regs
00006840 _EPwm2Regs

00006880 _EPwm3Regs
000068c0 _EPwm4Regs
00006900 _EPwm5Regs
00006940 _EPwm6Regs
00006980 _EPwm7Regs
00006a00 _ECap1Regs
00006ac0 _HRCap1Regs
00006ae0 _HRCap2Regs
00006b00 _EQep1Regs
00006c00 _LinaRegs
00006f80 _GpioCtrlRegs
00006fc0 _GpioDataRegs
00006fe0 _GpioIntRegs
00007010 _SysCtrlRegs
00007040 _SpiaRegs
00007050 _SciaRegs
00007060 _NmiIntruptRegs
00007070 _XIntruptRegs
00007100 _AdcRegs
00007740 _SpibRegs
00007900 _I2caRegs
00008000 _InitFlash
00008000 _RamfuncsRunStart
0000801b _DSP28x_usDelay
00008800 __cla_scratchpad_start
00008900 __cla_scratchpad_end
00008900 _rg1
0000890c _park1
0000891a _ipark1
00008928 _pwm1
00008932 _pi_id
0000894e _pi_iq
0000896a _pi_voltage_stp
00008986 _pi_voltage_frq
000089a2 _pi_power_stp
000089be _pi_power_frq
000089da _VoltageLoopCount
000089dc _PowerLoopCount
000089de _IsrTicker
00009000 _Cla1Prog_Start
00009000 _Cla1Task1
00009000 _Cla1funcsRunStart
0000981a _Cla1Task2
00009822 _Cla1Task3
0000982a _Cla1Task4
00009832 _Cla1Task5
0000983a _Cla1Task6
00009842 _Cla1Task7

0000984a _Cla1Task8
003d7e80 _PartIdRegs
003f0000 _RamfuncsLoadStart
003f001f _RamfuncsLoadEnd
003f2000 _Cla1funcsLoadStart
003f2a84 _Cla1funcsLoadEnd
003f6000 .text
003f6000 _GetFirmwareVersion
003f6000 ___text__
003f602e _VPC3_MemoryTest
003f6080 _VPC3_Initialization
003f60e2 _VPC3_Start
003f60f1 _VPC3_Stop
003f6101 _VPC3_SetConstants
003f618b _VPC3_CalculateInpOutpLength
003f622b _VPC3_InitBufferStructure
003f6490 _VPC3_GetDoutBufPtr
003f64c5 _VPC3_GetDinBufPtr
003f64f0 _VPC3_InputDataUpdate
003f6509 _VPC3_GetMasterAddress
003f6520 _VPC3_AssignAuxBuffer
003f6645 _VPC3_SetIoDataLength
003f665c _VPC3_GetErrorCounter
003f6676 _VPC3_GetDiagBufPtr
003f6698 _VPC3_UpdateDiagnosis
003f6713 _VPC3_CheckDiagBufferChanged
003f672d _VPC3_SetDiagnosis
003f67ae _VPC3_SetAlarm
003f67b6 _VPC3_GetFreeMemory
003f67c1 _VPC3_ProcessDpv1StateMachine
003f67c2 _DLOG_BuffInit
003f67d4 _main
003f69ef _A0
003f6a0c _B0
003f6a22 _C0
003f6a38 _A1
003f6a62 _A2
003f6a68 _A3
003f6a70 _A4
003f6a76 _B1
003f6b02 _B2
003f6b08 _B3
003f6b35 _C1
003f6b41 _C2
003f6b47 _C3
003f6b4d _C4
003f6b53 _ADCOffset
003f6b7f _sPowerOnMode

003f6bb4 _sStandByMode
003f6c2c _sSoftStartMode
003f6ccc _sNormalInvMode
003f6d65 _sFaultMode
003f6d76 _sLedControl
003f6deb _SCIA_Init
003f6e2b _SerialHostCommsModbusRtu
003f6e92 _GetCmdByte
003f6e93 _ResolveModbus
003f6ee7 _ResetSCI
003f6ef4 _Crc16
003f6f1f _ReadHoldRegisters
003f6f85 _PresetMultipleRegisters
003f6fe7 _AddrCheck
003f6ffc _QuantityCheck
003f700c _ModbusExcep
003f702a _SetRegisterVal
003f70e8 _GetRegisterVal
003f71de _DeviceInit
003f732a _CLA_C_Init
003f7378 _WDogDisable
003f7380 _PLLset
003f73b6 _PieCntlInit
003f73d5 _PieVectTableInit
003f73f4 _MemCopy
003f7409 _ADC_SOC_CNF
003f75c8 _spib_init
003f75dd _SwapWord
003f75e6 _ProfibusDPV0
003f75e7 _DpAppl_SetResetVPC3Channel1
003f75ee _DpAppl_ClrResetVPC3Channel1
003f75f5 _Vpc3Wait_1ms
003f760c _Vpc3Write
003f7642 _Vpc3Read
003f7674 _Vpc3MemSet
003f76b3 _Vpc3MemCmp
003f76d6 _CopyToVpc3
003f7718 _CopyFromVpc3
003f775b _TestVpc3_01
003f7762 _VPC3_Poll
003f78d7 _DpAppl_ProfibusInit
003f7923 _DpAppl_ProfibusMain
003f7972 _FatalError
003f7977 _DpAppl_IsrGoLeaveDataExchange
003f7985 _DpAppl_IsrDxOut
003f7989 _DpAppl_IsrNewWdDpTimeout
003f798a _DpAppl_IsrBaudrateDetect
003f798b _DpAppl_IsrNewGlobalControlCommand

003f798f _DpAppl_IsrNewSetSlaveAddress
003f7995 _DpAppl_IsrTimerClock
003f7996 _PWM_1ch_CNF
003f7a60 _DpDiag_AlarmInit
003f7a61 _DpDiag_Init
003f7a62 _DpDiag_Alarm
003f7aa7 _DpDiag_PrmOk
003f7abf _DpDiag_SetCfgOk
003f7ad7 _DpDiag_ResetStatDiag
003f7ae3 _DpDiag_ResetDiagnosticBuffer
003f7af5 _DpDiag_IsrDiagBufferChanged
003f7b02 _DpPrm_Init
003f7b1b _DpPrm_ChkNewPrmData
003f7b47 _c_int00
003f7b8b _DpCfg_Init
003f7b97 _DpCfg_ChkNewCfgData
003f7bc7 FS\$\$TOI
003f7bec ___memcpy_ff
003f7c0d I\$\$TOFS
003f7c27 __args_main
003f7c40 C\$\$EXIT
003f7c40 _abort
003f7c42 _exit
003f7c59 __register_unlock
003f7c5d __register_lock
003f7c61 __nop
003f7c6a _ISR_ILLEGAL
003f7c6f ___etext__
003f7c6f _auchCRCHi
003f7c6f etext
003f7d6f _auchCRCLo
003f7e6f _DpApplDefCfg
003f7e70 ___cinit__
003f7e70 cinit
003f7ff6 code_start
003f7ff8 _CsmPwl
ffffff __binit__
ffffff __c_args__
ffffff __pinit__
ffffff binit
ffffff pinit
UNDEFED _DpAppl_EnableInterruptVPC3Channel1
UNDEFED _Swap16

[312 symbols]