

workspace\_v10-a - pfc3phienna\_F2837x/vienna\_main.c - Code Composer Studio

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vienna\_main.c device.h vienna.h gpio.c vienna\_user... device.c

```
71 // this routine will also initialize the CPU timers that are used in
72 // the background 1, 2 & 3) task for this system (CPU time)
73 //
74
75 VIENNA_HAL_setupDevice();
76
77 //-----add LED state-----//
78
79 //InitGpio(); // Skipped for this example
80 EALLOW;
81 GpioCtrlRegs.GPADIR.bit.GPIO31 = 1;
82 EDIS;
83 GpioDataRegs.GPADAT.bit.GPIO31 = 1; // turn off LED
84
85 for(;;)
86 {
87 //
88 // Turn on LED
89 //
90 GpioDataRegs.GPADAT.bit.GPIO31 = 0;
91 //
92 // Delay for a bit.
93 //
94 DELAY_US(1000 * 500);
95
96 //
97 // Turn off LED
98 //
99 GpioDataRegs.GPADAT.bit.GPIO31 = 1;
100 //
101 // Delay for a bit.
102 //
103 DELAY_US(1000 * 500);
104 }
105 //-----//
106
107 //
108 // Tasks State-machine init
109 //
110 Alpha State Dtr - 200
```