



**Control Computer**

External event triggers for software interrupts

**Analog Signals**

**Secondary E-C2 Board**

**E-C2 System Board**

**MCU**

**FPGA**

**High Speed Serial LVDS**

12 output channels  
12 input channels  
2 clock inputs  
1 clock output

**3.3V LV-TTL I/O**

30 input or output  
2 clock inputs  
1 clock output

**LCD Displays**

**Timed Events**

**PWM Devices**

**Keypads**

**Switch Panels, Indicators, etc.**

**General Purpose Data I/O**