



**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

**LCD Displays**

**Timed Events**

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

- 30 input or output
- 2 clock inputs
- 1 clock output

**PWM Devices**

**Keypads**

**Switch Panels, Indicators, etc.**

**General Purpose Data I/O**