



# Pixel Front End Controller Supervisor

Version: 3.0

Date: Thu, 11 Jan 2007 14:07:41 GMT

Halted

## Finite State Machine

<b>Current State</b> Halted	FEC Base Address: <input type="text"/>			
	Global Key: <input type="text"/>			
<input type="button" value="Configure"/>	<input type="button" value="Halt"/>	<input type="button" value="Pause"/>	<input type="button" value="Resume"/>	<input type="button" value="Start"/>

## Low Level Commands

<b>TBM Command</b> mFEC: <input type="text" value="1"/> mFEC Channel: <input type="text" value="A"/> TBM Channel: <input type="text" value="A"/> Hub Address: <input type="text" value="0"/> Port Address: <input type="text" value="0"/> Offset: <input type="text" value="0"/> Data Byte: <input type="text"/> Direction: <input type="text" value="Up"/> <input type="button" value="TBMCommand"/>	
<b>Program DAC</b> mFEC: <input type="text" value="1"/> mFEC Channel: <input type="text" value="A"/> Hub Address: <input type="text" value="0"/> Port Address: <input type="text" value="0"/> ROC Id: <input type="text" value="0"/> DAC Address: <input type="text" value="Vdd"/> DAC Value: <input type="text"/> <input type="button" value="Prog_DAC"/>	<b>Program Pixel</b> mFEC: <input type="text" value="1"/> mFEC Channel: <input type="text" value="A"/> Hub Address: <input type="text" value="0"/> Port Address: <input type="text" value="0"/> ROC Id: <input type="text" value="0"/> Pixel Column: <input type="text" value="0"/> Pixel Row: <input type="text" value="0"/> Pixel: <input type="text" value="Enable"/> Trim (0-15): <input type="text" value="0"/> <input type="button" value="Prog_Pix"/>
<b>Calibrate Pixel</b> mFEC: <input type="text" value="1"/> mFEC Channel: <input type="text" value="A"/> Hub Address: <input type="text" value="0"/> Port Address: <input type="text" value="0"/> ROC Id: <input type="text" value="0"/> Pixel Column: <input type="text" value="0"/> Pixel Row: <input type="text" value="0"/> Calibrate with: <input type="text" value="Sensor Bumps"/> <input type="button" value="Cal_Pix"/>	<b>Clear Calibration</b> mFEC: <input type="text" value="1"/> mFEC Channel: <input type="text" value="A"/> Hub Address: <input type="text" value="0"/> Port Address: <input type="text" value="0"/> ROC Id: <input type="text" value="0"/> <input type="button" value="ClrCal"/>