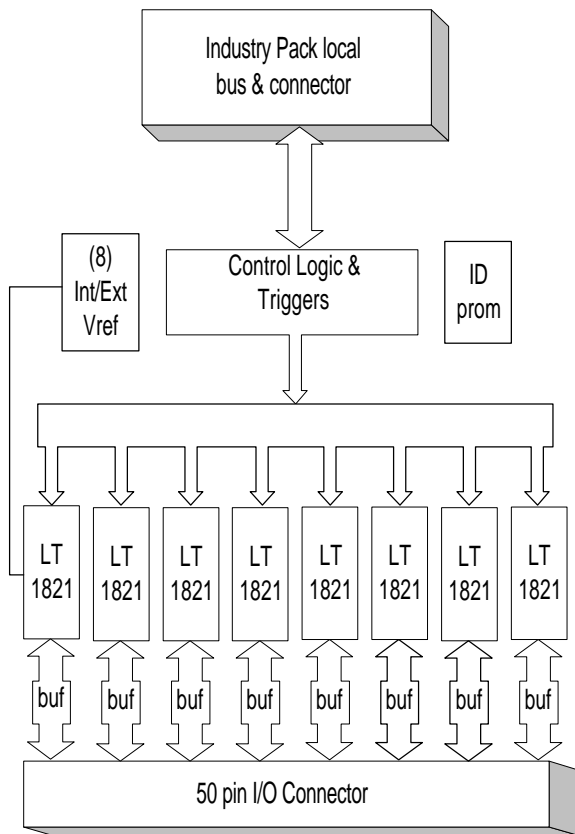


## Ultra Precise D/A Industry Pack 8 channel, 16 bit DAC Controller

ATC-FastDAC-8  
Functional Block Diagram



### FEATURE SUMMARY

- 8 independent channels
- Ultra Precise 16 bit digital to analog converters
- Linear Technology 1821 D/A converters
- Fast 2  $\mu$ S settling time
- 4-quadrant multiplying DAC
- Individual voltage reference per channel
- 0 to 10volt, 0 to -10volt, -10 to 10volt outputs
- 8 / 32 Mhz Industry Pack interface supported
- Selectable internal external power options
- Buffered outputs
- 0 to +70, optional -40 to +85
- Humidity 5 to 95 non-condensing
- Software examples included
- Meets VITA 4 spec.
- Single wide Industry Pack

### OVERVIEW

The ATC-FastDAC-8 is a ultra precise 16 bit D/A Industry Pack module. There are eight channels using the Linear Tech LTC1821 digital to analog chip. The settling time for each DAC is 2microSeconds. You can select the output voltage to be 0 to 10, 0 to -10, and +-10 volts.

### ORDERING INFORMATION

p/n:    ATC-FastDAC-8            Octal 16 bit D/A IP

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