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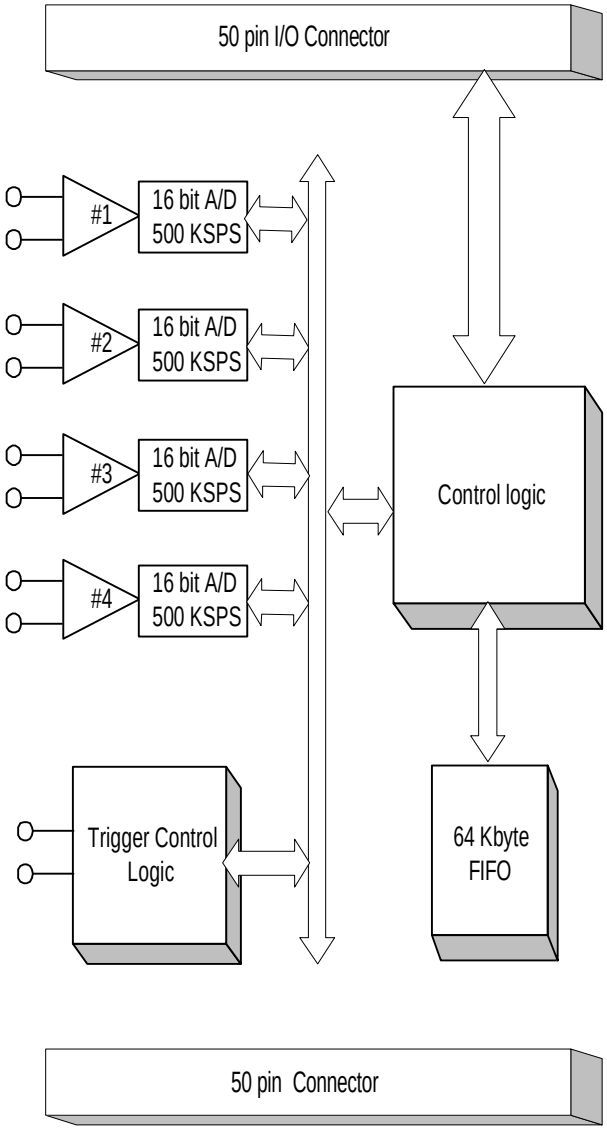
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Find the *Alphi Technology ATC-AD4500* at our website: *Click HERE*

Quad 500K A/D Industry Pack
4 channel, 16 bit, Simultaneous Sampling

ATC-AD4500
Functional Block Diagram



FEATURE SUMMARY

- Four 16 bit channels
- 500 KSPS per channel (4) AD7665 ADC
- Simultaneous Sampling
- +- 2.5, +-5, +-10 volt bi-polar input
- 0-2.5, 0-5, 0-10 volt uni-polar input
- External or Internal trig.
- 64K byte FIFO IDT 72285
- Instrumentation buffer per channel
- Over-voltage protection
- 0 to +70 standard, optional extended temp.
- Humidity 5 to 95 non-condensing
- Software examples included
- VITA 4 8/32 Mhz interface
- Single wide Industry Pack

OVERVIEW

The ATC-AD4500 is an extremely high performance Analog to digital converter on a single wide Industry Pack. The ATC-AD4500 offer four 16 bit 500KSPS ADC's that simultaneously samples the data. There is a 16k FIFO so that there is no latency of the data being transferred across the Industry Pack bus. Also there are operational amplifiers on each channel working as a front end buffer.

ORDERING INFORMATION

p/n: ATC-AD4500 4 channel 500 KHZ A/D

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