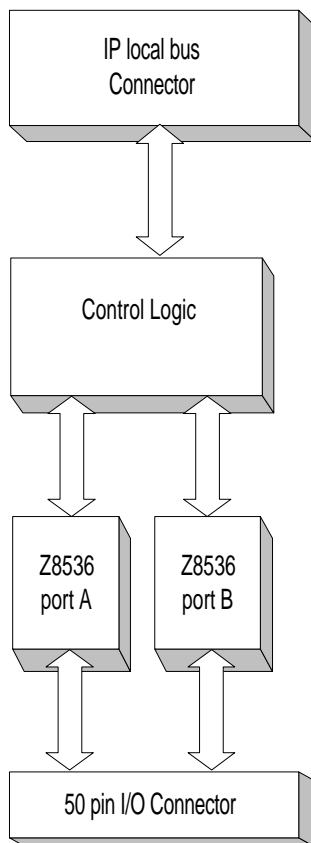


Digital Input / Output Industry Pack

Zilog 8536 Counter, Timer, 32 bit TTL I/O

ATC-CIO32
Functional Block Diagram



FEATURE SUMMARY

- Two Zilog Z8536 universal controllers
- 32 TTL bi directional lines
- 4 8 bit ports
- 8 interrupt lines
- Six 16 bit counter timers
- Pattern match capable with interrupt
- Flexible interrupt scheme
- VxWorks available
- Low power 200 mA typ. depending on output drive
- 0 to +70 opt. -45 to +85
- Humidity 5 to 95 non-condensing
- Single wide Industry Pack

OVERVIEW

The ATC-CIO32 module provides 32 parallel I/O lines with six 16 bit counter/timer and 8 general purpose interruptible lines. Each Z8536 controller provides two general-purpose 8-bit ports, one special-purpose 4-bit port, and three 16-bit counter/timers.

The ATC-CIO32 module is based on the Z8536 from Zilog. This device offers many capabilities for I/O control, interrupt generation, and a flexible pattern-recognition circuit.

ORDERING INFORMATION

p/n:	ATC-CIO32	Z8536 4 Octal ttl ports
	ATC-CIO32-I	-40 to +85 C
	CBL-HDR-HRS-50	50 pin cable
	TB-HDR-50	50 Pin terminal block

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