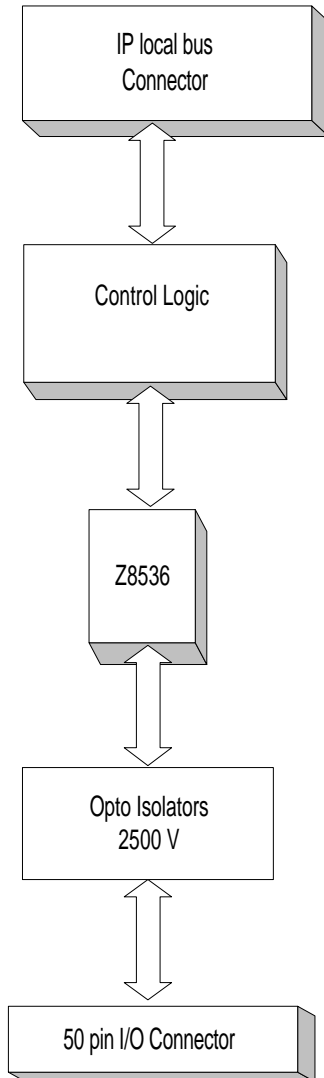


## Optically Isolated Output Industry Pack

### Zilog 8536 Counter, Timer, 16 bit Output

ATC-optoOUT  
Functional Block Diagram



#### FEATURE SUMMARY

- One Z8536 controller
- 16 digital isolated lines
- 4 8 bit ports
- 4 interrupt lines
- Three 16 bit counter timers
- 2500 volt isolation
- Up to 100mA output drive
- Low power, actual depends on output drive
- 0 to +70 opt. -45 to +85
- Humidity 5 to 95 non-condensing
- Software examples included
- VxWorks available
- VITA 4
- Single wide Industry Pack

#### OVERVIEW

The ATC-optoOUT module provides 16 digital Output lines with three 16 bit counter/timer and 4 general purpose interruptible lines. Isolation is provided via Optical Isolators with 100mA drive capability.

The ATC-optoOUT 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-optoOUT	Z8536 two Octal ttl ports
	ATC-optoOUT-I	-40 to +85 C
	CBL-HDR-HRS-50	50 pin cable
	TB-HDR-50	50 Pin terminal block

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