

## Industry Pack MIL-STD-1553 BC/RT/MT Dual Redundant DDC ACE Controller

### FEATURE SUMMARY

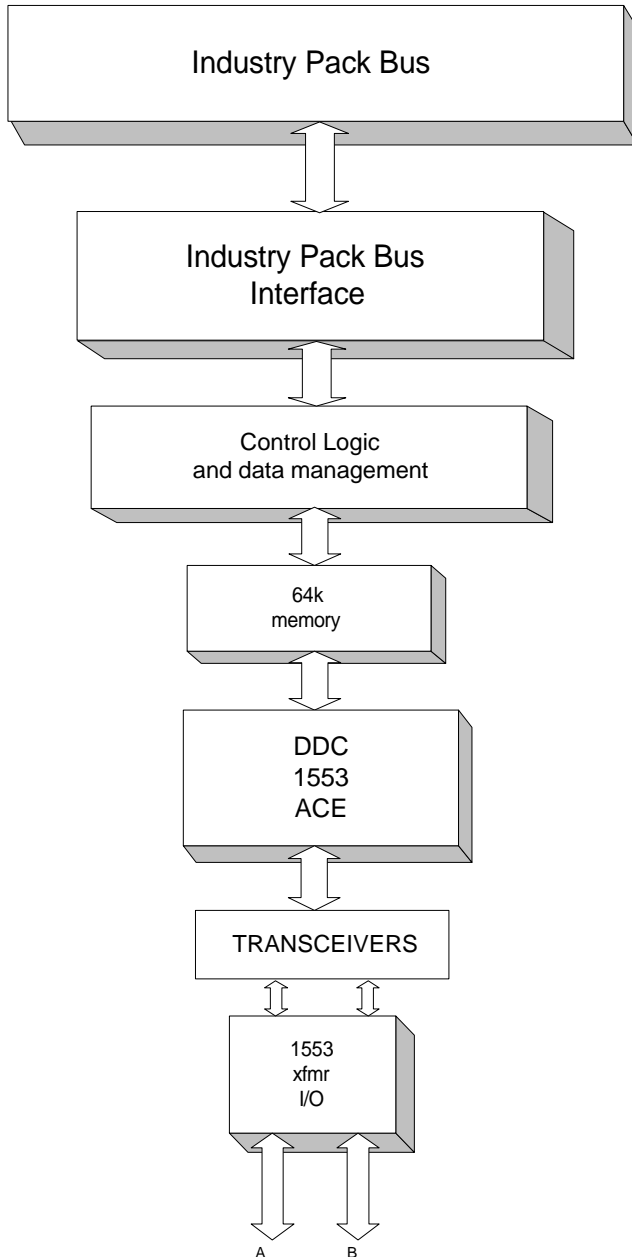
- Single channel Dual Redundant
- Fully integrated MIL-STD-1553 interface
- DDC ACE BU 61865G4 controller
- STANAG 3838 Compliant
- 64K word SRAM
- On board transceivers & transformers
- External clock inputs per channel
- Flexible processor / memory interface
- Software libraries and drivers are available
- Single wide Industry Pack form factor

### OVERVIEW

The ATC-1553-DDC implements a complete single channel dual-redundant MIL-STD-1553 bus terminal on a single wide Industry Pack module. Full BC/MT/RT modes are supported. 0°C to 70°C operating temperature is standard. Included is an DDC ACE intelligent communications protocol engine, dual transceivers and encoder / decoders, shared memory, and management logic. The ATC-1553-DDC is designed with an advanced communications engine, DDC's ACE series hybrid, plus two interface transformers. Support for both direct coupled (short stub) and transformer coupled (long stub).

### ORDERING INFORMATION

p/n:	ATC-1553-DDC	1553 Industry Pack
	EngKit-1553 (2ea.)	T's, Terminators, cables
	CBL-1553-1	2M, std-std 1553 cable
	CBL-1553-2	2M, std-mini 1553 cable
	CBL-1553-3	2M, mini-mini 1553 cable



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