

MultiChannel PCM Module Model 750IP

Features:

- Multi-channel PCM Module just 3.9" x 1.7" in size
- Processes PCM bit rates up to 64 MHz
- 750IP-1 Triple PCM Sim
- 750IP-2 Dual PCM Decom
- PCI, VME, cPCI, PC-104 Multi module carriers

750IP-1

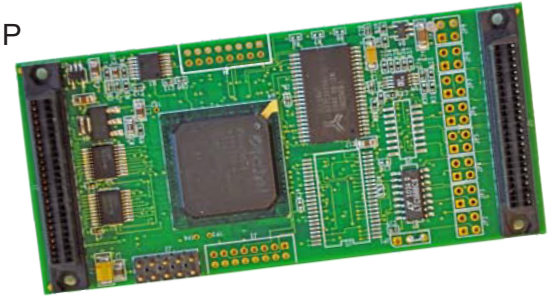
- To nine high performance, fully programmable independent PCM Simulators per PCI slot!
- User Definable PCM Frame and Data word assignments
- Selectable Data Rate, to 64 Mbps
- Program Selectable Codes, TTL Clock/Data or RS-422

750IP-2

- 0-64 Mbps Frame Sync/Decom
- Individually programmable word properties
- Minor frame lengths up to 64k words
- Variable frame lengths
- Programmable serializer extracts embedded data

General Description

We designed the Model 750IP module to do dual duty - available as either a triple high performance programmable PCM simulator or as a dual PCM frame sync/decom.



When ordered in PCM

Simulator format (750IP-1) three PCM Sim channels provide all the capabilities of our Model 1626P and 474M simulators, and program using standard Acro TDP system PCM simulation Windows GUI software.

The 750IP-1 is an IP (Industry Pack) card module that formats and outputs three fully independent user programmable PCM simulation channels at any user assigned rate of from 1 bps to 64 Mbps. It has programmable frame lengths and user definable formats, program defined data word characteristics and dynamic data assignment. TTL or RS-422 I/O termination may be ordered in either 750IP module type.

The 750IP-2 dual channel frame sync/decom module supports frame lengths to 64k in length, program selectable justification (left or right); orientation (MSB or LSB); suppression; & embedded processing. Strategy controls allow up to 64 bit patterns, 0-15 allowable errors, ±3 bit slips, 0-15 flywheel counts, and three sync strategy modes. 750IP-2 Frame Sync configuration provides on-board physical memory, with 512k bytes assigned to each PCM stream. The two halves of each 512k block are alternately mapped as they fill with data into a 256k memory space that provides software-transparent fully automatic double-buffering.

Model 750IP modules are offered with a variety of standard bus format based IP carrier cards, including: PCI/x, cPCI, PC-104, and VME. Multiple 750IP modules can be configured in a single slot, delivering low cost/high performance solutions supported by proven Acroamatics GUI set-up and processing software solutions.