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Find the *Curtiss-Wright / Pentland Systems MPV924* at our website: ***Click HERE***



Features:

- 16 channels with software programmable “change-of-state” response
- All channels configured as inputs on power-up and system reset
- Board identification registers
- Software re-locatable functional memory map; address modifier response
- Software programmable VMEbus interrupt response (7 levels)

The MPV924 provides 96 channels of TTL compatible digital channels, which may be programmed in groups of 8 consecutive channels to respond as either inputs or outputs. Interrupts on any 7 VME interrupt levels may be generated by the MPV924 in response to a “change-of-state” of any of sixteen designated channels. Much of the operation of the MPV924 is under the control of software programmable registers and as a result the number of jumper selectable options has been kept to a minimum. Its system-oriented attributes have board identification registers, which offer the ability of utilising a system configuration database. These attributes are compatible with the MPV908 series of analog I/O boards reducing system development time by using common handling routines. The I/O connector pin out has been designed around the Opto-22 standard, allowing quick termination to standard off the shelf termination panels. All I/O connectors are latched to ensure a secure system configuration.

SPECIFICATION

Channels	96 Software Programmable on an Input or Output or Channel by Channel Basis
Low Level Input Voltage	0.8V DC max (TTL Compatible)
High Level Input Voltage	2.0V DC min (TTL Compatible)
Hysteresis (COS Input only)	0.2V DC min
Low Level Input Current	-0.62mA DC max
High Level Input Current	60µA DC max
Low Level Output Voltage	0.5V DC max
High Level Output Voltage	2.4V DC min
Low Level Output Current	24mA DC max
High Level Output Current	-2.6mA DC max
Output Supply	+5V DC [P3-P8] 450mA DC Typical (fused)

SYSTEM

VMEbus	A16/A24:D16/D08(EO) DTB Slave
Bus Interrupter	IRQ 1-7
Mechanical Format	6U; Single Width

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Power Requirements	+5V ±5% @ 2A max (VME) (+5V O/P Supply Current)
Operating Temperature	0°C to 60°C
MPV924	96 Channel TTL-Digital Input/Output Board

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