Sundance SMT328 VME TIM Carrier Module



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Sundance Multiprocessor Technology

• • • embedded signal processing solutions

Test & Measurement, Data acquisition

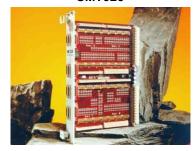
- VISION
- X-RAY
- SENSOR







SMT328



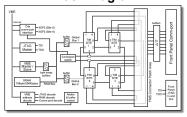
SMT328

VME Carrier with 4 Module sites

DO NOT USE FOR NEW DESIGNS. For reference ONLY

The SMT328 is a 4 site VME tim carrier. It enables connection of comports of sites together both via cables, and internal switches. The external comports are all fully buffered, ensuring that there is minimum signal degradation for connection to other devices. It has two global bus enabled TIM sites, and 1MByte of one-wait-state SRAM accessible by TIM sites or VME. JTAG debugging is possible when accessing the SMT328 as a slave.

Block Diagram



More images available...

Features

more..

- Simple implementation of multichannel solutions
- ComPorts reduce bus bandwidth dependencies for higher system throughput
- Build system with large numbers of processors and peripherals
- Use standard VME/PC host for embedded processing systems
- Quick and simple installation for rapid prototype system development High performance Embedded processing resource
- Ideal for COTS based DSP systems

Benefits

more... VME carrier with 4 module sites

Flexible ComPort topology
VME Master Global bus interface
VME Slave ComPort interface
All 6 front panel ComPorts fully buffered
Double pipe ComPort architecture
All internal ComPorts are unbuffered
offering maximum bandwidth between
modules
Shared Global bus on two sites
1Mbyte one-wait-state SRAM accessible
by 2 module sites or VME
On board JTAG de-bugging circuit accessed from VME
TIM Standard compatible
12 months warranty

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