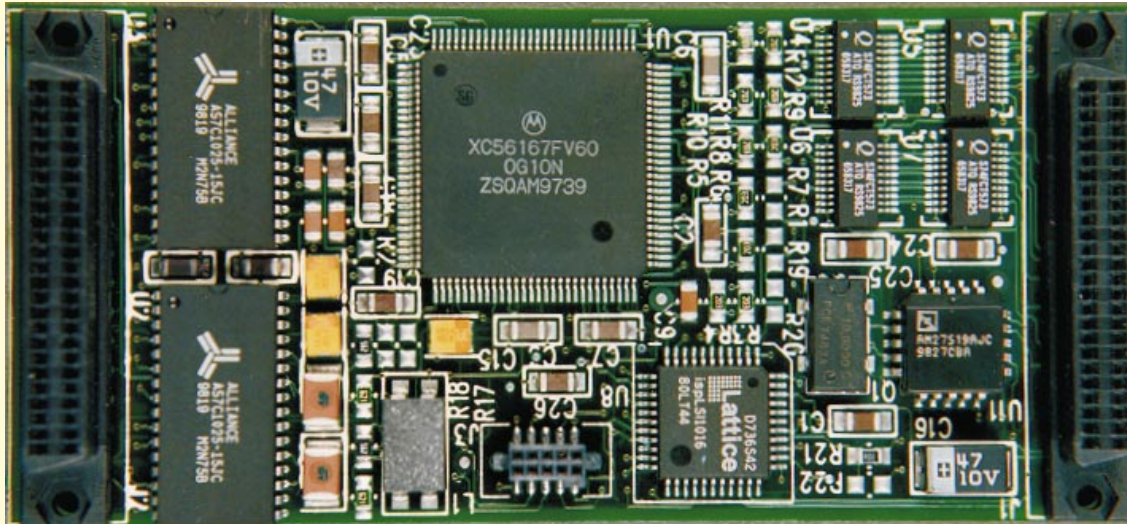


DSPack®-167

IndustryPack® with DSP module.



The IndustryPack standard is revolutionizing I/O processing by offering affordable products that are compatible with bus (PC, VME) and proprietary architectures. Domain Technologies is a part of that revolution with the **DSPack-167**, the first IndustryPack compatible product with 30+ MIP Motorola DSP. The compatibility and processing power that you need is here.

DSPack-167 is a high-speed processor with lightning fast interrupt response times for I/O processing in real time. With an on-board Motorola DSP56167, DSPack-167 is ideal for processing telephony and voice-band signaling. It is a natural for fax and modem applications. It supports data acquisition and filtering, as well as data compression/decompression. Depending on the area of your applications, DSPack-167 features reduce the need for additional components or software, such as signal processing filters. With its small size (footprint 1.8"Wx3.9"L) you can attach to multiple DSPack-167s to the target system's mother board or to expansions boards.

Hardware versatility is only part of the DSPack-167 solution to completing your modular I/O design. With the Motorola DSP56167 as its core, wide variety of applications can be created to meet your needs. The on-board DSP56167 can process interrupts in a few 60 MHz clock ticks, easily supporting submicrosecond responses. You have the speed to do more!

- ◆ Use DSPack-167 with other IndustryPack compatible products on a standard host platform for rapid prototyping and development. Cut time to market and minimize new development costs.
- ◆ After implementation, move the DSPack-167 and other IndustryPack compatible products to a customer target board. Net result: A custom hardware solution that is developed on a standard platform with standard building blocks.

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Whether located on the target system's mother board or an expansion card, DSPack-167 accesses several

- ◆ Two serial ports, an analog interface port, and an OnCE on the target system can be accessed via an IndustryPack expansion bus.
- ◆ Access to IndustryPack I/O and DSP resources through a fast host interface.
- ◆ Dedicated fast static RAM.

Domain Technologies offers **LINK-56K**, single DSP emulator and **SB-56K**, multi-DSP emulator, high performance software to meet your application needs. Test and debug applications with realtime performance and extensive display capabilities. Both tools offer the development capabilities you expect:

- ◆ Open system architecture compatible with the Motorola assembler, linker, and C compiler.
- ◆ Set up to 128 software breakpoints. Also, you can step through or jump to instruction.
- ◆ Symbolically edit stack, register, and memory values. With the in-line assembler, changing code is easy.

