1. An acronym for Digital Signal Processor. A specific microprocessor which can be programmed to perform the mathematical algorithms involved in the digital signal processing of information. These real-time processors make up the fastest moving and developing segment of the semiconductor market and are particularly well suited to handle the demands of “right now” processing of information, such as the engine in 70 percent of the world's digital cellular phones and virtually all digital pagers and PDAs, improving automobile braking performance, or enabling faster network connections. DSPs are unique microprocessors that are programmable and operate in real time, obviously much faster than any general purpose microprocessors.

2. An acronym for Digital Signal Processing. The process of manipulating analog information that has been converted into a digital signal. This is useful for data compression specific applications.

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