The DSP56000 is a state-of-the-art, high-performance digital signal processor. The similarities between it and other Motorola microprocessors make it easy to learn and easy to program, yet the differences open up new user applications. The future for programmable digital signal processors looks extremely bright. Digital signal processors are transforming analog circuits into software in the 1980’s in the same way microprocessors transformed digital control logic into software in the 1970’s. By the 1990’s, most communications, computer, and control equipment will use digital signal processing ICs. DSP ICs will evolve as microprocessors have. Work continues on developing an entire family of faster and more capable DSP devices to serve the needs of DSP users.

References

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