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This popular serial interface can operate in a variety of modes, but the most common are the 10/11-bit asynchronous modes used in RS-232 communications. Allowing Dallas Semiconductor microcontrollers to interface to SCI modules increases the overall system flexibility, as they can be connected to a wider array of embedded systems.

Embedded Microcontroller Interfacing for M-CORE Systems is the third of a trio of books by G. Jack Lipovski from the University of Texas. The first two books are on assembly language programming for the new Motorola 6812 16-bit microcontroller, and were written to be textbooks and professional references.

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