## TABLE OF CONTENTS FOR EMBEDDED SERIAL BUSSES

- 1. Unpacking and Installation
- 2. Using the Integrated Development Environment (IDE)
- 3. Prototyping Boards Overview
- 4. Compiling and Running a Program
- 5. Serial-to-Parallel Shift Registers
- 6. Application with 7 Segment LEDs
- 7. Debugging
- 8. Parallel-to-Serial Shift Register
- 9. Advanced Debugging
- 10. 3-Wire SPI Bus Real Time Clcok and RS-232
- 11. I<sup>2</sup>C Overview
- 12. I<sup>2</sup>C Master
- 13. I<sup>2</sup>C Multimaster
- 14. I2C PIC Slave
- 15. Asynchronous Serial Bus
- 16. Math Co-Processor
- **17. Additional Projects**