



## Complete Practical Measurement Systems Using a PC

By Yuri Magda

Elektor Verlag Dez 2009, 2009. Taschenbuch. Book Condition: Neu. 237x173x23 mm. Neuware - This is a highly-practical guide for Hobbyists, Engineers and Scientists wishing to build measurement and control systems to be used in conjunction with a local or even remote Personal Computer. The book covers both hardware and software aspects of designing typical embedded systems based on personal computers running the Windows operating system. It's use of modern techniques in detailed, numerous examples has been designed to show clearly how straightforward it can be to create the interfaces between digital and analog electronics, programming and Web-design. Hardware developers will discover how use of latest high-level language constructs overcomes the need for specialist programming skills. Software developers will appreciate how a better understanding of circuits will enable them to optimize related programs, including drivers. There is no need to buy special equipment or expensive software tools in order to create embedded projects covered in this book. You can build such quality systems quickly using popular low-cost electronic components and free, distributed software tools. Some knowledge of basic electronics plus the very basics of C and C sharp programming only is required. With an emphasis on learning by doing, readers...



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