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Autore	Axelson Jan
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Nota di bibliografia	Includes bibliographic references and index.
Nota di contenuto	Contents; Introduction; Acknowledgments; 1 Options and Choices; 2 Formats and Protocols; 3 COM Ports on PCs; 4 Inside RS-232; 5 Designing RS-232 Links; 6 Inside RS-485; 7 Designing RS-485 Links and Networks; 8 Going Wireless; 9 Using .NET's SerialPort Class; 10 Managing Ports and Transfers in .NET; 11 Ports for Embedded Systems; 12 Network Programming; 13 An RS-485 Network; 14 Inside USB; 15 Using Special-function USB Controllers; 16 Using Generic USB Controllers; Index
Sommario/riassunto	PC COM ports, USB virtual COM ports, and ports in embedded systems are all addressed in this updated guide to programming, interfacing, and using serial ports. Topics include using .NET's SerialPort class for COM-port communications on PCs; upgrading existing RS-232 designs to USB or wireless networks; and creating serial networks of embedded systems and PCs. Example circuits and code provide a quick start to projects. Installation and maintenance staff will also find tips for ensuring reliable operation and problem tracking.