Foreword

This book presents practical methods and pitfalls encountered in the design of biCMOS integrated circuits. It is intended as a reference for design engineers and as a text for an introductory course on analog integrated circuit design for engineering seniors and graduate students. A broad range of topics are covered with the intent of giving new designers the tools to complete a design project. Most of the topics have been simplified so they can be understood by students who have had a course in electronics.

The material has been used in a course open to seniors and graduate students at the University of Rhode Island. In the course, students were required to design an analog integrated circuit that was fabricated by Cherry Semiconductor Corporation.

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