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An electronic circuit is composed of individual electronic components, such as resistors, transistors, capacitors, inductors and diodes, connected by conductive wires or traces through which electric current can flow.

Electronic circuit - Wikipedia

These high-impedance circuits often go directly into an amplifier input with no parallel-resistive connections. Examples of these circuits include pH probes, gas-sensor amplifiers, medical sensors, sample-and-hold circuits, and three-amplifier instrumentation amplifiers.

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2010-2011 Microchip Technology Inc. DS01332B-page 1 AN1332 INTRODUCTION Current sensing is a fundamental requirement in a wide range of electronic applications.

Current Sensing Circuit Concepts and Fundamentals

Chapter 1 Introduction 1.1 Themes 1 From its beginnings in the late nineteenth century, electrical engineering has blossomed from focusing on electrical circuits for power, telegraphy and telephony to focusing on a much broader range of disciplines.

Fundamentals of Electrical Engineering I

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Integrated circuit design, or IC design, is a subset of electronics engineering, encompassing the particular logic and circuit design techniques required to design integrated circuits, or ICs.

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