

# **Robert C. Schober**

**Co-Founder at Circuit Seed**

Orange County, CA, US

Robert C. Schober is an expert in integrated circuit design

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## **Biography**

Bob Schober has been a leader in ultra-low power integrated circuits starting from the beginning of his professional career in spacecraft electronic design, through extensive work in integrated circuit design for the cardiac pacing industry from 1975 to 1999 to his current work in IC design today. Mr. Schober's experience has been primarily in the field of analog/digital integrated circuit design. Starting in the early 1960's, Bob worked as an electrical engineer for General Electric Space and Missile Systems; a senior engineer for Martin Marietta Corporation; a member of the technical staff for Hughes Aircraft Corporation; a senior member of the technical staff at TRW Systems; a senior member of the technical staff at California Institute of Technology Jet Propulsion Laboratory; and a principal engineer at American Hospital Supply Corporation's Edward's Pacemaker Systems including American Hospital's Corporate Research Center. Mr. Schober received a special award as the highest individual contributor in the history of American Hospital Supply. In 1982, Mr. Schober has been a founder of many successful startups including Biomedical LSI, NanoPower, Inc., Innervation, and Circuit Seed. The primary focus of Bob's work has been the design of low power, high reliability circuits, most of which have been analog. Mr. Schober has also performed digital design and layout of digital systems up to and including custom microprocessors, direct memory access controllers, and floating point processors. In addition, he has designed and laid out multiple-giga-sample flash mode Gallium-Arsenide Analog to Digital Converters' and numerous Radio Frequency integrated circuits. Mr. Schober holds multiple patents in the areas of cardiac pacemakers, high efficiency/compact digital integrated circuit cell libraries, RF, and high sensitivity RFID integrated circuits, as well as multiple patent applications in the area of endoscopic pill cameras.

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## **Areas of Expertise**

Complementary Current Field Effect Transistor (CiFET), Application-Specific Integrated Circuit (ASIC), Analog & Digital IC Design, RF Analog Desings, CMOS, Mixed Signal

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## **Education**

**Widener University**

BS Electrical Engineering

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