

Design Of Cmos Rf Integrated Circuits And Systems

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RF CMOS is a metal-oxide-semiconductor integrated circuit technology that integrates radio-frequency, analog and digital electronics on a mixed-signal CMOS RF circuit chip. It is widely used in modern wireless telecommunications, such as cellular networks, Bluetooth, Wi-Fi, GPS receivers, broadcasting, vehicular communication systems, and the radio transceivers in all modern mobile phones and wireless networking devices. RF CMOS technology was pioneered by Pakistani engineer Asad Ali ...

[RF CMOS - Wikipedia](#)

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In 1985 he joined UCLA, where he pioneered RF CMOS technology in the late 1980s. His work changed the way in which RF circuits would be designed, away from discrete bipolar transistors and towards CMOS integrated circuits. Abidi was researching analog CMOS circuits for signal processing and communications during the late 1980s to early 1990s.

[Mixed-signal integrated circuit - Wikipedia](#)

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