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## EPAD Chaotic Oscillator

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This paper outlines the basic theory and the design and implementation of a low voltage Colpitts chaotic oscillator based on an Electrically Programmable Analog Device matched Pair Mosfet Array (EPAD). The Oscillator is capable of producing chaotic carriers in very low supply voltages, which is a feature very useful in mobile and low power consumption utilities.

Keywords: Chaos, Colpitts Oscillator, Low Voltage, EPAD.