A discrete-time MOSFET parametric amplifier which has various electronic applications

Technology #m03-002

This technology describes the design and use of the MOSFET as a low-noise, discrete-time parametric MOS amplifier and related circuits, such as a charge pump, an analog finite impulse response (FIR) filter, selective bootstrapping circuits, and low-power bootstrapping circuits.

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Applications:
- A variety of circuits, ranging from low frequencies to radio frequencies

Advantages:
- Very low noise and very low power dissipation

Patent information:
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Related Publications:
Inventors

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