

Digitally Programmable Grounded Capacitor Oscillators Using Operational Amplifier Poles

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Summary

New simple sinusoidal oscillator circuits are proposed. Each circuit uses an internally compensated operational amplifier, a resistor and a capacitor. The feasibility of obtaining digitally programmable sinusoidal oscillation is studied and a new digitally programmable capacitorless resistorless sinusoidal oscillator is developed

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