Low voltage digital to analog converter, comparator, and sigma-delta modulator circuits

Technology #m06-017

Low voltage amplifier circuits operating on 1 Volt

Circuits that operate with supply voltages near/lower than the threshold voltage of the transistors and capable of operating with power supplies of less than 1 Volt.

Amplifier circuits such as analog converter, comparator and continuous-time sigma delta modulators that operate at low voltage

Various circuits such as analog converter, comparator and continuous-time sigma delta modulators are described in detail.

These techniques and circuits can be used in a wide range of applications, and various transistors from metal-oxide-semiconductor to bipolar junction transistors may be used to implement these techniques.

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