

DAC10-16 - 10-Bit 16MHz CS DAC

FEATURES

- Small Area
- Differential Current Outputs
- 16 MS/s Conversion Speed
- 10-Bit Resolution
- SNR < 70dB
- Low Power consumption in active mode
- Power Down Mode

TECHNOLOGY: 0.18um single Poly, 5 Metal, CMOS Process

OVERVIEW

The DAC10-16 is a 10-Bit CMOS digital-to-analog converter.

The DAC10-16 uses a segmented current steering architecture achieving 10-Bit intrinsic static accuracy and excellent dynamic performance characteristics. The DAC10-16 has differential output current suitable for directly driving a current load. The current outputs can also be used to directly drive two external resistors to obtain complementary output voltages

FUNCTIONAL DIAGRAM

