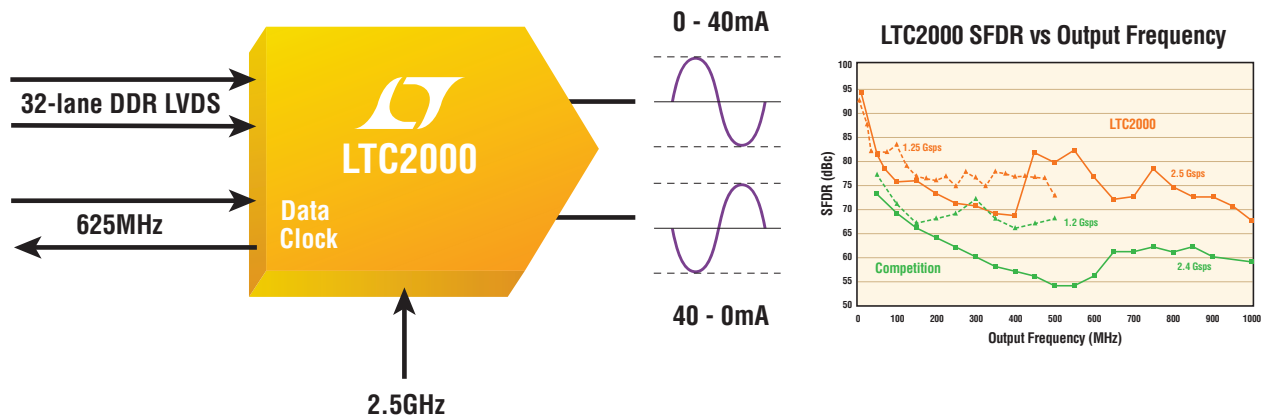


16-Bit 2.5Gps DAC



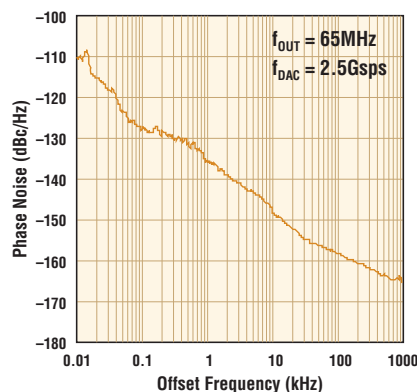
Industry Leading SFDR from DC to 1GHz

The LTC[®]2000 is a family of 16-/14-/11-bit 2.5Gps current steering DACs with exceptional spectral purity from DC to 1GHz. These DACs feature wide output bandwidth and adjustable output current up to 60mA, making them ideal for generating high frequency or broadband signals. The double data rate (DDR) LVDS interface requires 16 lanes for up to 1.25Gps data rate or 32 lanes for operation up to 2.5Gps.

▼ Features

- Exceptional Spectral Purity
 - 80dBc SFDR at 70MHz f_{OUT}
 - 68dBc SFDR at 1000MHz f_{OUT}
- High Full-Scale Output Current (up to 60mA)
- Wide Analog Output Bandwidth (2.1GHz)
- Low Latency (7.5/11 cycles)
- 625MHz DDR LVDS or DHSTL Interface
 - 2.5Gps Using 32 Lanes
 - 1.25Gps Using 16 Lanes
- 9mm x 15mm 170-Pin BGA Package

Additive Phase Noise



▼ Info & Free Samples

www.linear.com/product/LTC2000

1-800-4-LINEAR



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