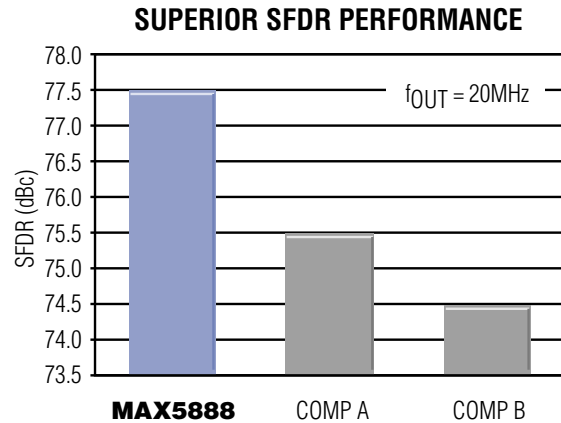
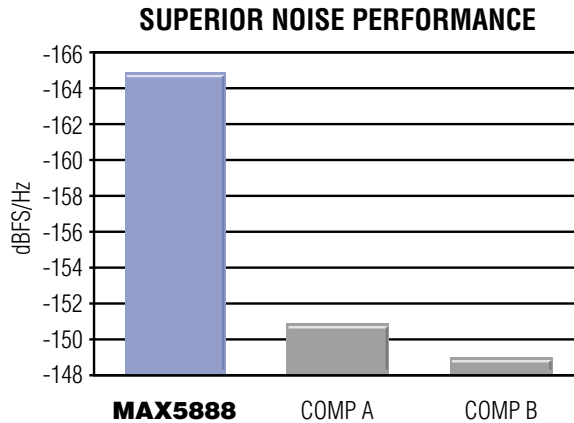


# WORLD'S FIRST 16-BIT 500Mps DAC

Offers Outstanding SFDR, IMD, and SNR at Low Power



- ◆ Outstanding Dynamic Performance:
  - ◆ SFDR = 82dBc at  $f_{OUT} = 10\text{MHz}$
  - ◆ IMD = -85dBc at  $f_{OUT} = 10\text{MHz}$
  - ◆ ACLR = 73dB at  $f_{OUT} = 61\text{MHz}$
- ◆ Pin-Compatible 16-, 14-, and 12-Bit DACs at 200Mps and 500Mps

- ◆ Choice of Two Different Input Interfaces
- ◆ Evaluation Kits Available for Each DAC Family
- ◆ Pricing Starts at \$6.96<sup>†</sup> (MAX5883)
- ◆ Low Power: 130mW at 100Mps; 250mW at 500Mps

Select the Best Combination of Speed, Performance, and Input Interface for Your Application

Part	Resolution	Sample Rate (Mps)	SFDR (dBc), $f_{OUT} = 20\text{MHz}$	Noise Density (dBFS/Hz)	Input Type	Package Size (mm)
MAX5888	16	500	77	-165	LVDS	10 x 10
MAX5887	14	500	76	-157	LVDS	10 x 10
MAX5886	12	500	76	-151	LVDS	10 x 10
MAX5885	16	200	76	-155	CMOS	7 x 7
MAX5884	14	200	74	-153	CMOS	7 x 7
MAX5883	12	200	74	-150	CMOS	7 x 7

<sup>†</sup>1000-up recommended resale. Prices provided are for design guidance and are FOB USA. International prices will differ due to local duties, taxes, and exchange rates. Not all packages are offered in 1k increments, and some may require minimum order quantities.



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