

Model	DAC5687	DAC3282	AD768	AD9747	AD9783	AD5547	MAX5895	MAX5898	MAX5875	LTC1668
<b>DACs in package</b>	2	2	1	2	2	2	2	2	2	1
<b>Sample rate</b>	500 MSPS	625 MSPS	30 MSPS	250 MSPS	500 MSPS		500 MSPS	500 MSPS	200 MSPS	50 MSPS
<b>Settling time</b>	12 ns	10.4 ns	25 ns							20 ns
<b>Speed</b>						<b>4MHz</b>				
<b>DNL</b>	3	2	2	2	2	1	1	1	2	1 typ 4 max.
<b>INL</b>	6	4	4	4	4	1	3	3	3	8 max
<b>SFDR</b>	80 dB	83 dB	86 dB @ 1MHz	82 dB @ 20 MHz	80 dBc @ 20 MHz		90 dB @ 10 MHz	89 dB @ 10 MHz	78 dBc @ 16MHz	87 dB @ 10 MHz
<b>THD</b>			71 dBc @ 1MHz							
<b>SNR</b>	75 dB	77 dB								
<b>Output type</b>	current	current	current	current	current		current	current	current	current
<b>Interface</b>	parallel	8 Byte Wide LVDS	parallel	parallel	LVDS	<b>parallel</b>	parallel	Interleaved, LVDS	Parallel CMOS	parallel
<b>Voltage</b>			+5V -5V	AVDD: 3.3 V, DVDD: 1.8 V	AVDD:3.3 V, DVDD:1.8 V	<b>Single 2.7 ... 5.5 V</b>			3.3 & 1.8	
<b>Power consumption</b>	1410 mW	950 mW	465 mW	315 mW	440 mW		511 mW	340 mW	260 mW	180 mW
<b>Package</b>	100HTQFP	48VQFN	28 SOIC	LFCSP_VQ 72	CP-72-1		68 QFN-EP*	68 QFN-EP* (10mm x 10mm)	68 QFN-EP* (10mm x 10mm)	28-LEAD PLASTIC SSOP
<b>Price</b>	28.15\$	31.20 \$	31 \$	18.92 \$	\$26.87 @ 100	<b>\$10.62 @ 100</b>	19.70 \$	22.45 \$	\$15.90 @1k	13.75 \$
<b>WWW</b>	<a href="http://focus.ti.com/docs/prod/folders/print/dac5687.html">http://focus.ti.com/docs/prod/folders/print/dac5687.html</a>	<a href="http://focus.ti.com/docs/prod/folders/print/dac3282.html">http://focus.ti.com/docs/prod/folders/print/dac3282.html</a>	<a href="http://www.analog.com/en/digital-to-analog-converters/dac-converters/ad768/products/product.html">http://www.analog.com/en/digital-to-analog-converters/dac-converters/ad768/products/product.html</a>	<a href="http://www.analog.com/en/digital-to-analog-converters/dac-converters/ad9747/products/product.html">http://www.analog.com/en/digital-to-analog-converters/dac-converters/ad9747/products/product.html</a>	<a href="http://www.analog.com/en/digital-to-analog-converters/dac-converters/ad9783/products/product.html">http://www.analog.com/en/digital-to-analog-converters/dac-converters/ad9783/products/product.html</a>	<a href="http://www.analog.com/en/digital-to-analog-converters/dac-converters/ad5547/products/product.html">http://www.analog.com/en/digital-to-analog-converters/dac-converters/ad5547/products/product.html</a>	<a href="http://www.maxim-ic.com/datasheet/index.mvp/id/4684">http://www.maxim-ic.com/datasheet/index.mvp/id/4684</a>	<a href="http://www.maxim-ic.com/datasheet/index.mvp/id/4895">http://www.maxim-ic.com/datasheet/index.mvp/id/4895</a>	<a href="http://www.maxim-ic.com/datasheet/index.mvp/id/4619">http://www.maxim-ic.com/datasheet/index.mvp/id/4619</a>	<a href="http://www.linear.com/pc/productDetail.jsp?navId=H0,C1,C1005.P1850">http://www.linear.com/pc/productDetail.jsp?navId=H0,C1,C1005.P1850</a>