

No Latency Delta Sigma ADCs

Part Number	Bits	MUX	Output Rate with Output		Noise (μVRMS)	DNL (LSB)	INL	Offset	Full-Scale	Int Osc	Rejection at f_0 (dB)	Simultaneous 50Hz/60Hz Rejection	Power (mW)	Supply	Differential Input	Input Span	Package-Pins	Price 1K Qty
			Internal Clock (Hz)	Max Rate (Hz)														
LTC2440	24		3500	4000	0.2	1	15ppm	5 μV	30ppm	Y	120	YES	55	4.5V to 5.5V	YES	-VREF/2 to VREF/2	SSOP-16	\$5.75
LTC2413	24		7.5	100	0.8	1	14ppm	0.5ppm	12ppm	Y	87	YES	1	2.7V to 5.5V	YES	-VREF/2 to VREF/2	SSOP-16	\$5.50
LTC2410	24		7.5	100	0.8	1	14ppm	0.5ppm	12ppm	Y	140		1	2.7V to 5.5V	YES	-VREF/2 to VREF/2	SSOP-16	\$5.50
LTC2418	24	16/8	7.5	100	1	1	14ppm	0.5ppm	12ppm	Y	140		1	2.7V to 5.5V	YES	-VREF/2 to VREF/2	SSOP-28	\$6.95
LTC2414	24	8/4	7.5	100	1	1	14ppm	0.5ppm	12ppm	Y	140		1	2.7V to 5.5V	YES	-VREF/2 to VREF/2	SSOP-28	\$6.25
LTC2415-1	24		13.75	195	1.1	1	14ppm	2mV	12ppm	Y	87	YES	1	2.7V to 5.5V	YES	-VREF/2 to VREF/2	SSOP-16	\$5.50
LTC2415	24		15	195	1.1	1	14ppm	2mV	12ppm	Y	140		1	2.7V to 5.5V	YES	-VREF/2 to VREF/2	SSOP-16	\$5.50
LTC2411-1	24		7.5	100	1.45	1	14ppm	4ppm	12ppm	Y	87	YES	1	2.7V to 5.5V	YES	-VREF/2 to VREF/2	MSOP-10	\$5.50
LTC2411	24		7.5	100	1.45	1	14ppm	4ppm	12ppm	Y	140		1	2.7V to 5.5V	YES	-VREF/2 to VREF/2	MSOP-10	\$5.50
LTC2408	24	8	7.5	15	1.5	1	10ppm	2ppm	10ppm	Y	130		1	2.7V to 5.5V		0 to VREF $\pm 12\%$	SSOP-28	\$6.25
LTC2404	24	4	7.5	15	1.5	1	10ppm	2ppm	10ppm	Y	130		1	2.7V to 5.5V		0 to VREF $\pm 12\%$	SSOP-28	\$6.00
LTC2400	24		7.5	15	1.5	1	10ppm	2ppm	10ppm	Y	130		1	2.7V to 5.5V		0 to VREF $\pm 12\%$	SO-8	\$5.50
LTC2402	24	2	7.5	15	3	1	10ppm	2ppm	10ppm	Y	130		1	2.7V to 5.5V		0 to VREF $\pm 12\%$	MSOP-10	\$5.60
LTC2401	24		7.5	15	3	1	10ppm	2ppm	10ppm	Y	130		1	2.7V to 5.5V		0 to VREF $\pm 12\%$	MSOP-10	\$5.30
LTC2431	20		7.5	100	2.8	1	20ppm	1ppm	20ppm	Y	140		1	2.7V to 5.5V	YES	-VREF/2 to VREF/2	MSOP-10	\$4.55
LTC2430	20		7.5	100	2.8	1	20ppm	1ppm	20ppm	Y	140		1	2.7V to 5.5V	YES	-VREF/2 to VREF/2	SSOP-16	\$4.45
LTC2428	20	8	7.5	100	6	1	10ppm	10ppm	10ppm	Y	130		1	2.7V to 5.5V		0 to VREF $\pm 12\%$	SSOP-28	\$5.25
LTC2424	20	4	7.5	100	6	1	10ppm	10ppm	10ppm	Y	130		1	2.7V to 5.5V		0 to VREF $\pm 12\%$	SSOP-28	\$4.75
LTC2422	20	2	7.5	15	6	1	20ppm	10ppm	10ppm	Y	130		1	2.7V to 5.5V		0 to VREF $\pm 12\%$	MSOP-10	\$4.50
LTC2421	20		7.5	15	6	1	20ppm	10ppm	10ppm	Y	130		1	2.7V to 5.5V		0 to VREF $\pm 12\%$	MSOP-10	\$4.35
LTC2420	20		7.5	100	6	1	10ppm	10ppm	10ppm	Y	130		1	2.7V to 5.5V		0 to VREF $\pm 12\%$	SO-8	\$4.25