

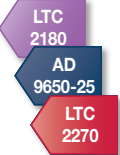









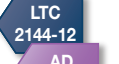


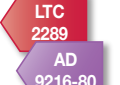

HIGH SPEED ADC PORTFOLIO

Single Channel, Parallel Interface High Speed ADC Portfolio (<170Msps)

		Supply Voltage & I/O	10Msps	≥20Msps	40Msps	65Msps	80Msps	105Msps	≥125Msps	≥150Msps
16-Bit	3.3V Parallel LVDS or CMOS					LTC 2215	LTC 2216	LTC 2217	LTC 2208	LTC 2209
	3.3V Parallel CMOS	LTC 2202	LTC 2203	LTC 2204	LTC 2205	LTC 2206	LTC 2207			
	1.8V Parallel CMOS or LVDS		LTC 2160 AD 9266-20 LTC 2269	LTC 2161 AD 9266-40	LTC 2162 AD 9266-65	LTC 2163 AD 9266-80 AD 9265-80	LTC 2164 AD 9265-105	LTC 2165 AD 9265-125		
14-Bit	3.3V Parallel LVDS or CMOS								LTC 2208-14	
	3.3V Parallel CMOS				LTC 2205-14	LTC 2206-14	LTC 2207-14			
	1.8V Parallel CMOS or LVDS		LTC 2256-14 AD 9649-20	LTC 2257-14 AD 9649-40	LTC 2258-14 AD 9649-65	LTC 2259-14 AD 9649-80 AD 9255-80	LTC 2260-14 AD 9255-105	LTC 2261-14 AD 9255-125		LTC 2262-14
	3V Parallel CMOS	LTC 2245	LTC 2246	LTC 2247	LTC 2248	LTC 2249	LTC 2254	LTC 2255		
	5V Parallel CMOS	AD 9240		AD 9244-40	AD 9244-65	AD 6645-80	AD 6645-105			
12-Bit	1.8V Parallel CMOS or LVDS		LTC 2256-12 AD 9629-20	LTC 2257-12 AD 9629-40	LTC 2258-12 AD 9629-65	LTC 2259-12 AD 9629-80	LTC 2260-12	LTC 2261-12		LTC 2262-12
	3V Parallel CMOS	LTC 2225	LTC 2226	LTC 2227	LTC 2228	LTC 2229	LTC 2252	LTC 2253		
10-Bit	1.8V Parallel CMOS		AD 9609-20	AD 9609-40	AD 9609-65	AD 9609-80				
	3V Parallel CMOS		LTC 2236	LTC 2237	LTC 2238 AD 9215-65	LTC 2239 AD 9215-80	LTC 2250 AD 9215-105	LTC 2251		

Suggested Part
 Higher Performance
 Lower Power
 Smaller Solution

Dual Channel, Parallel Interface High Speed ADC Portfolio (<170Msps)

Supply Voltage & I/O		≥20Msps	40Msps	65Msps	80Msps	105Msps	125Msps	
Resolution	16-Bit	1.8V Parallel CMOS or LVDS		LTC 2181				LTC 2185
	14-Bit	1.8V Parallel CMOS or LVDS						
		3V Parallel CMOS	LTC 2296	LTC 2297	LTC 2298	LTC 2299	LTC 2284	LTC 2285
	12-Bit	1.8V Parallel CMOS or LVDS	LTC 2140-12	LTC 2141-12	LTC 2142-12	LTC 2143-12		
		3V Parallel CMOS	LTC 2296	LTC 2297	LTC 2298	LTC 2299	LTC 2282	LTC 2283
	10-Bit	1.8V Parallel CMOS	AD 9204-20	AD 9204-40	AD 9204-65	AD 9204-80		
		1.8V Parallel CMOS or LVDS					AD 9608-105	AD 9608-125
		3V Parallel CMOS	LTC 2286	LTC 2287				LTC 2281



Suggested Part



Higher Performance



Lower Power

Serial Interface High Speed ADC Portfolio (<170Mps)

		Supply Voltage & I/O	Channels	≥20Mps	40Mps	65Mps	80Mps	105Mps	125Mps
Resolution	14-Bit	1.8V Serial LVDS	16			AD 9249			
	14 Bit	1.8V Serial LVDS	8	LTM 9006-14	LTM 9007-14 AD 9257-40	LTM 9008-14 AD 9257-65	LTM 9009-14	LTM 9010-14	LTM 9011-14 AD 9681
	12 Bit	1.8V Serial LVDS			AD 9637-40		AD 9637-80		
	10 Bit	1.8V Serial LVDS			AD 9212-40	AD 9212-65			
	16-Bit	1.8V Serial LVDS							AD 9653
	16-Bit	1.8V JESD204B						AD 9656	
	14-Bit	1.8V Serial LVDS	4	LTC 2170-14	LTC 2171-14	LTC 2172-14	LTC 2173-14 AD 9253-80	LTC 2174-14 AD 9253-105	LTC 2175-14 AD 9253-125
	12 Bit	1.8V Serial LVDS		LTC 2170-12	LTC 2171-12	LTC 2172-12	LTC 2173-12 AD 9633-80	LTC 2174-12 AD 9633-105	LTC 2175-12 AD 9633-125
	10 Bit	1.8V Serial LVDS			AD 9219-40	AD 9219-65			
	16 Bit	1.8V Serial LVDS		2	LTC 2190 LTC 2271	LTC 2191	LTC 2192	LTC 2193	LTC 2194
	14 Bit	1.8V Serial LVDS	LTC 2263-14		LTC 2264-14	LTC 2265-14	LTC 2266-14 AD 9645-80	LTC 2267-14	LTC 2268-14 AD 9645-125
	12 Bit	1.8V Serial LVDS	LTC 2263-12		LTC 2264-12	LTC 2265-12	LTC 2266-12 AD 9635-80	LTC 2267-12	LTC 2268-12 AD 9635-80



Suggested Part



Higher Performance



Lower Power

170Mps to ≤500Mps, Parallel Interface High Speed ADC Portfolio

		Supply Voltage & I/O	Channels	170Mps	210Mps	250Mps	≥310Mps	500Mps
Resolution	16-Bit	3.3V/1.8V Parallel LVDS	2				AD 9652	
			1		AD 9467-200	AD 9467-250		
		2.5V Parallel LVDS	1		LTC 2107			
	14-Bit	1.25V/2.5V/3.3V Parallel LVDS	2					AD 9684-500
		1.8V Parallel LVDS	2	AD 9643-170	AD 9643-210	AD 9643-250		
			1	AD 9642-170	AD 9642-210	AD 9642-250		
	12-Bit	1.8V Parallel LVDS	2	AD 9613-170	AD 9613-210	AD 9613-250		
			1	AD 9634-170	AD 9634-210	AD 9634-250	AD 9434-370	AD 9434-500
	10-Bit	1.8V Parallel LVDS	1		AD 9211-200	AD 9211-250	AD 9211-300	
	8-Bit	1.8V Parallel LVDS	1					AD 9286-500 AD 9484-500

170Mps to ≤3Gps, JESD204B Interface High Speed ADC Portfolio

		I/O	Channels	170Mps	250Mps	≥500Mps	1Gps	≤2Gps	≤3Gps
Resolution	14-Bit	JESD204B	4			AD 9694-500			
			2	AD 9250-170	AD 9250-250	AD 9680-500 AD 9680-820	AD 9680-1000	AD 9680-1250 AD 9691-1250	AD 9208-3000
			1	AD 9683-170	AD 9683-250	AD 9690-500	AD 9690-1000		
	12-Bit	JESD204B	2			AD 9234-500	AD 9234-1000		
			1					AD 9625-2000	AD 9625-2500

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