

4 Channel Simultaneous Sampling High Speed 12 Bit Adc

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4 Channel Simultaneous Sampling High
The AD7864 is a high speed, low power, 4-channel, simulta-neous sampling 12-bit analog-to-digital converter (ADC) that operates from a single 5 V supply. The part contains a 1.65 μs successive approximation ADC, four track-and-hold amplifiers, a 2.5 V reference, an on-chip clock oscillator, signal conditioning

4-Channel, Simultaneous Sampling, High Speed, 12-Bit ADC ...
The AD7864 is a high speed, low power, 4-channel simulta-neous sampling 12-bit A/D converter that operates from a single 5V supply. The part contains a 1.65 ms successive approxima-tion ADC, four track/hold amplifiers, a 2.5 V reference, an on-chip clock oscillator, signal conditioning circuitry, and a high speed parallel interface.

4-Channel, Simultaneous Sampling, High Speed, 12-Bit ADC ...
Simultaneous Sampling: 4-Channels; Pin-Programmable Bipolar Inputs: ±10 V and ±5 V; High Input Impedance: 1 MΩ; 5-V Analog Supply: 2.3-V to 5-V Digital Supply; Overvoltage Input Clamp with 7-kV ESD; Low-Drift, On-Chip Reference (2.5 V) and Buffer; Excellent Performance: 330-kSPS Max Throughput per Channel ; DNL: ±0.35 LSB; INL: ±0.45 LSB

ADS85845 data sheet, product information and support | TI.com
Simultaneous-Sampling, 16-Bit ADCs ♦ ±10 LSB INL, ±1 LSB DNL, No Missing Codes ♦ 93dB SFDR at 100kHz Input ♦ PGA with Gain of 1, 2, 4, 8, 16, 32, or 64 for Each Channel ♦ EQ Function Automatically Boosts High-Frequency, Low-Amplitude Signals ♦ Seven-Stage Internal Programmable Biquad Filters per Channel ♦ High Throughput, 400ksp/s ...

MAX11043 4-Channel, 16-Bit, Simultaneous-Sampling ADCs ...
The AD7864 is a high speed, low power, 4-channel simulta-neous sampling 12-bit A/D converter that operates from a single +5E V supply. The part contains a 1.65 ms successive approxima-tion ADC, four track/hold amplifiers, 2.5 V reference, on-chip clock oscillator, signal conditioning circuitry and a high speed parallel interface.

a Sampling, High Speed, 12-Bit ADC 4-Channel, Simultaneous ...
4-channel simultaneous sampling at 24-bit, 100 kHz for best-in-class noise performances in the evaluation of the beam position The CAEN ELS TetrAMM - e.g. "Tetra AMMeter" - is a 4-channel picoammeter device dedicated to accurate and fast low current measurements.

TetrAMM - CAENels
Features. Description. The MAX11040K/MAX11060 are 24-/16-bit, 4-channel, simultaneous-sampling, sigma-delta analog-to-digital converters (ADCs). The devices allow simultaneous sampling of as many as 32 channels using a built-in cascade feature to synchronize as many as eight devices. The serial interface of the devices allows reading data from all the cascaded devices using a single command.

MAX11060 24-/16-Bit, 4-Channel, Simultaneous-Sampling ...
The MAX11043 features 4 single-ended or differential channels of simultaneous-sampling ADCs with 16-bit resolution. The MAX11043 contains a versatile filter block and programmable-gain amplifier (PGA) per channel. The filter consists of seven cascaded 2nd-order filter sections for each channel, allowing the construction of a 14th-order filter.

MAX11043 4-Channel, 16-Bit, Simultaneous Sampling ADCs ...
4-channel, 18-bit, 250 kS/s per channel, simultaneous sampling analog input, data acquisition board . Four fully isolated differential channels ±100V max input range ; 18-bit resolution ; Maximum sampling rate of 250kHz per channel ; Overvoltage protection ; 3-stage FIR unit with optional stage bypass ; Simultaneous sampling

4-channel, 18-bit, 250 kS/s per channel, simultaneous ...
4-channel, 18-bit, 250 kS/s per channel, simultaneous sampling analog input, data acquisition board DNx-AI-205 16-Channel, 24-bit 120 kS/s high-speed simultaneously sampling A/D board

8-Channel, high voltage, simultaneous sampling, fully ...
ADS131A0x 2- or 4-Channel, 24-Bit, 128-kSPS, Simultaneous-Sampling, Delta-Sigma ADC datasheet (Rev. E) Jun. 17, 2020: E-book: Fundamentals of Precision ADC Noise Analysis: Jun. 19, 2020: Application note: Communication Methods for Data Integrity Using Delta-Sigma Data Converters: Jun. 01, 2020: Technical articles

ADS131A04 data sheet, product information and support | TI.com
The circuit shown in Figure 1 provides a high dynamic range four channel simultaneous sampling system with high crosstalk isolation, flexible sampling rates, minimal external components, and simple interface connections to a DSP or FPGA. The circuit uses four AD7765 24-bit sigma-delta ADCs in a daisy chain configuration to minimize the number of co

CN0157 Circuit Note | Analog Devices
USB data acquisition (DAQ) devices with 4 isolated, simultaneous analog inputs, 24-bit resolution, up to 50 kS/s per channel sample rate, and support for thermocouples, RTDs, resistance, and bridge-based sensors.

Simultaneous Data Acquisition (DAQ) Devices
The AD7864 is a high speed, low power, 4-channel simulta-neous sampling 12-bit A/D converter that operates from a single +5_v V supply. The part contains a 1.65 μs successive approxima-tion ADC, four track/hold amplifiers, 2.5 V reference, on-chip clock oscillator, signal conditioning circuitry and a high speed parallel interface.

a Sampling, High Speed, 12-Bit ADC 4-Channel, Simultaneous ...
AD7134: 24-Bit, 4-Channel Simultaneous Sampling 1.5 MSPS Precision Alias Free ADC 22 Jun 2020 The AD7134, from Analog Devices, is a quad channel, low noise, simultaneous sampling, precision analog-to-digital converter (ADC) that delivers on functionality, performance, and ease of use.

AD7134: 24-Bit, 4-Channel Simultaneous Sampling 1.5 MSPS ...
The MAX11190 is a 4-channel, dual, multiplexed, 12-bit, compact, high-speed, low-power, successive approxi- mation analog-to-digital converter (ADC). This high- performance dual ADC includes high-dynamic range sample-and-holds and a high-speed serial interface. This ADC accepts a full-scale input from 0V to the reference voltage.

MA11190 4-Channel, Dual, Simultaneous Sampling, 2.2 to 3.6 ...
GENERAL DESCRIPTION The AD7864 is a high speed, low power, 4-channel simulta- neous sampling 12-bit A/D converter that operates from a single +5 V supply.

AD7864 datasheet(1/19 Pages) AD | 4-Channel, Simultaneous ...
The USB-2020 data acquisition (DAQ) device provides simultaneous, high-speed analog inputs at rates up to 20 MS/s per channel. Users can sample data directly to the 64 MS onboard memory or continuously stream data to a host computer. Features include an A/D converter per channel, flexible triggering and gating options, and digital I/O.

12-Bit, 20 MS/s, Simultaneous Sampling, Ultra High-Speed ...
The MAX11043 features 4 single-ended or differential channels of simultaneous-sampling ADCs with 16-bit resolution. The MAX11043 contains a versatile filter block and programmable-gain amplifier (PGA) per channel. The filter consists of seven cascaded 2nd-order filter sections for each channel, allowing the con-struction of a 14th-order filter.