



AD7893ARZ-2: IC Lc2mos 12-Bit Serial 6 μ s ADC In 8-Pin



Descripción

Nombre: IC LC2MOS 12-BIT SERIAL 6 μ S ADC IN 8-PIN Conversor analógico a digital - ADC entrada bipolar verdadera, fuente de alimentación única, 12 bits, ADC serial de 6 μ s en empaque de 8 pines.

- Resolución: 12 bit
- Número de canales: 1 Channel
- Tipo de interfaz: Serial
- Frecuencia de muestreo: 117 kS/s
- Tipo de entrada: Single-Ended
- Arquitectura: SAR
- Voltaje de suministro analógico: 5 V
- Voltaje de suministro digital: 5 V
- SNR – Relación señal a ruido: 70 dB
- Temperatura de trabajo mínima: - 40 C
- Temperatura de trabajo máxima: + 85 C

Referencia: AD7893ARZ-2 **Marca:** ANALOG DEVICES **Empaque:** SOIC-8 **Precio por:** Unidad
Ficha Técnica: [AD7893ARZ-2](#)

Información del producto

Descripción: IC LC2MOS 12-BIT SERIAL 6 μ S ADC IN 8-PIN ANALOG DEVICES Referencia: AD7893ARZ-2 El AD7893 contiene un ADC de 6 μ s, un amplificador de seguimiento/retención, lógica de control y una interfaz serial de alta velocidad, todo en un encapsulado de 8 pines. Esto ofrece un ahorro de espacio considerable en comparación con soluciones alternativas. [La hoja de datos del AD7893ARZ-2](#), proporcionada por Analog Devices, contiene toda la información técnica necesaria para utilizar este componente, incluyendo especificaciones eléctricas, diagrama de bloques, aplicaciones típicas y más.

Precio: \$99.751 IVA INCLUIDO

SKU: 9-1-325

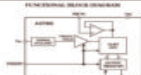
Categorías: [CIRCUITOS INTEGRADOS](#), [SEMICONDUCTORES](#)

Etiquetas: [0090001000325](#), [9-1-325](#), [AD7893](#), [AD7893ARZ-2](#), [ANALOG DEVICES](#), [CIRCUITOS INTEGRADOS](#), [Conversor analógico a digital - ADC](#), [datasheet](#), [IC LC2MOS 12-BIT SERIAL 6 US ADC IN 8-PIN](#), [pinout](#), [SEMICONDUCTORES](#), [SMD](#)



LC²MOS 12-Bit, Serial 6.4LS
ADC in 8-Pin Package
AD7093

FEATURES
• 12-Bit, 6.4LS ADC
• 1.2V Supply
• 100ns Settling Time
• 100ns Conversion Time
• 100ns Settling Time
• 100ns Conversion Time
• 100ns Settling Time
• 100ns Conversion Time
• 100ns Settling Time
• 100ns Conversion Time



FUNCTIONAL BLOCK DIAGRAM
The AD7093 is a 12-bit ADC that operates from a single 1.2V supply and is optimized for a typical conversion time of 6.4LS. The converter consists of a 12-bit DAC, a 12-bit comparator, and a 12-bit logic block. The DAC is a current DAC that provides a linear transfer function. The comparator is a high-speed, low-power device that compares the DAC output to the input signal. The logic block is a 12-bit digital-to-analog converter that provides a linear transfer function. The AD7093 is optimized for high-speed, low-power applications.

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