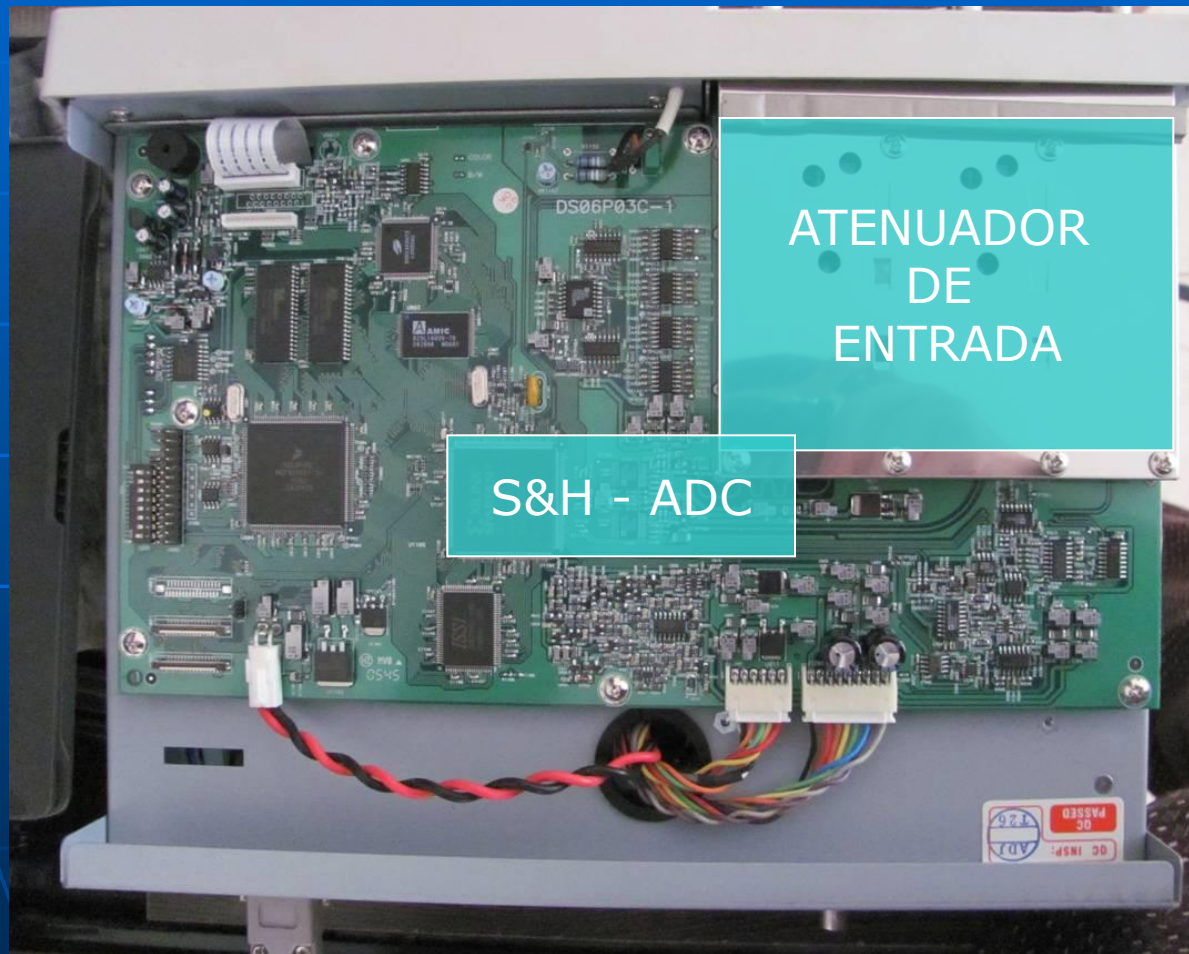


S&H - ADC



S&H - ADC



8-Bit, 50 MSPS/80 MSPS/100 MSPS
3 V A/D Converter

AD9283

FEATURES

- 8-Bit, 50, 80, and 100 MSPS ADC
- Low Power: 90 mW at 100 MSPS
- On-Chip Reference and Track/Hold
- 475 MHz Analog Bandwidth
- SNR = 46.5 dB @ 41 MHz at 100 MSPS
- 1 V p-p Analog Input Range
- Single 3.0 V Supply Operation (2.7 V–3.6 V)
- Power-Down Mode: 4.2 mW

APPLICATIONS

- Battery Powered Instruments
- Hand-Held Scopemeters
- Low Cost Digital Oscilloscopes

FUNCTIONAL BLOCK DIAGRAM

