

Analog to Digital Converter



Signal Processing Technologies announces the SPT7722, an 8-bit 250 MSPS analog-to-digital converter (ADC). The SPT7722 delivers both improved linearity and dynamic performance at the same speed and resolution as its predecessor, the SPT7721. An additional member of this family is the SPT7720, an 8-bit 200 MSPS ADC.

A DLE of ± 0.4 LSB and ILE of ± 0.9 LSB (typ), combined with a high input bandwidth of 350 MHz, make the part ideal for applications that require digitization of pre-sampled waveforms and very accurate presentation of these waveforms (for example, digital instrumentation such as oscilloscopes). The SPT7722 has a built-in sleep mode feature with typical power dissipation of only 13.5 mW.

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