

Efficient Analog-to-Digital Converter for Digital Systems

ABSTRACT

An analog-to-digital converter 16 includes first and second analog-to-digital converters 22 and 24 both of which receive an input signal. The first analog-to-digital
5 converter 22 is configured to be centered around a first signal level point while the second analog-to-digital converter 24 is configured to be centered around a second signal level point. A decoder 26 receives inputs from the two analog-to-digital converters 22 and 24 and selects between the first analog-to-digital converter 22 output and the second analog-to-digital converter 24 output.

Figure 3.



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