



AdcMem

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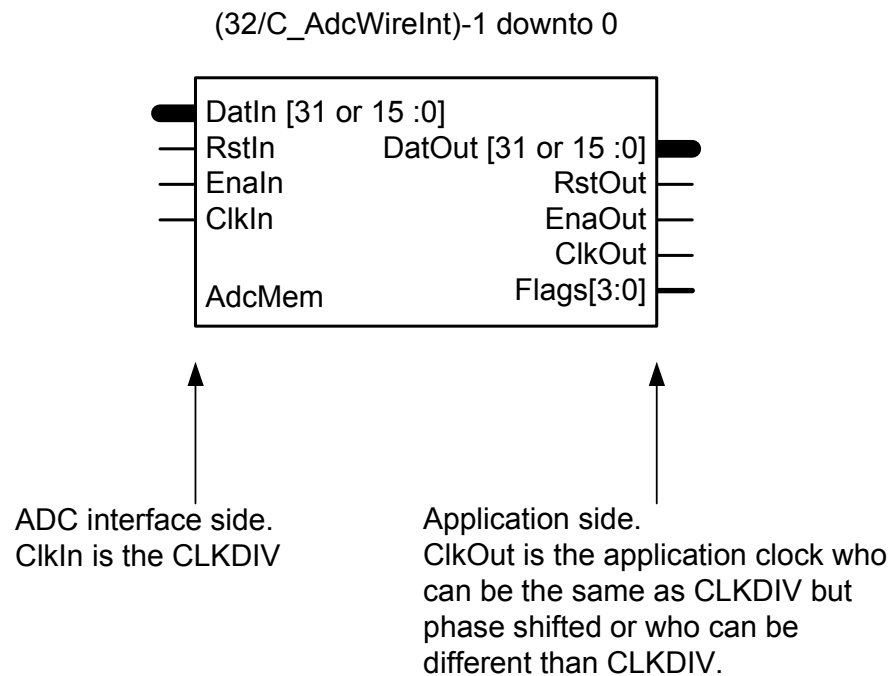
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AdcMem



The size of the memory is 16-bit when the interface is running in 2-wire mode or 32-bit for an interface running at 1-wire mode.

The AdcData interface contains all logic for two channel inputs. When a ADC is used in 2-wire mode its data is spread over two LVDS lanes or two channels. Then the AdcData interface figures as interface for one channel and the output is 16-bit. In fact the output is 32-bit bit MSB word and LSB word contain the same data.

When an ADC is used in 1-wire mode, two channels can be hooked to one AdcData interface. The 32-bit output will contain data of both channels. MSB word = Channel 1 and LSB word = channel 0.

