The McASP Primer

Practical examples: Receiver

McASP hookup: Practical examples

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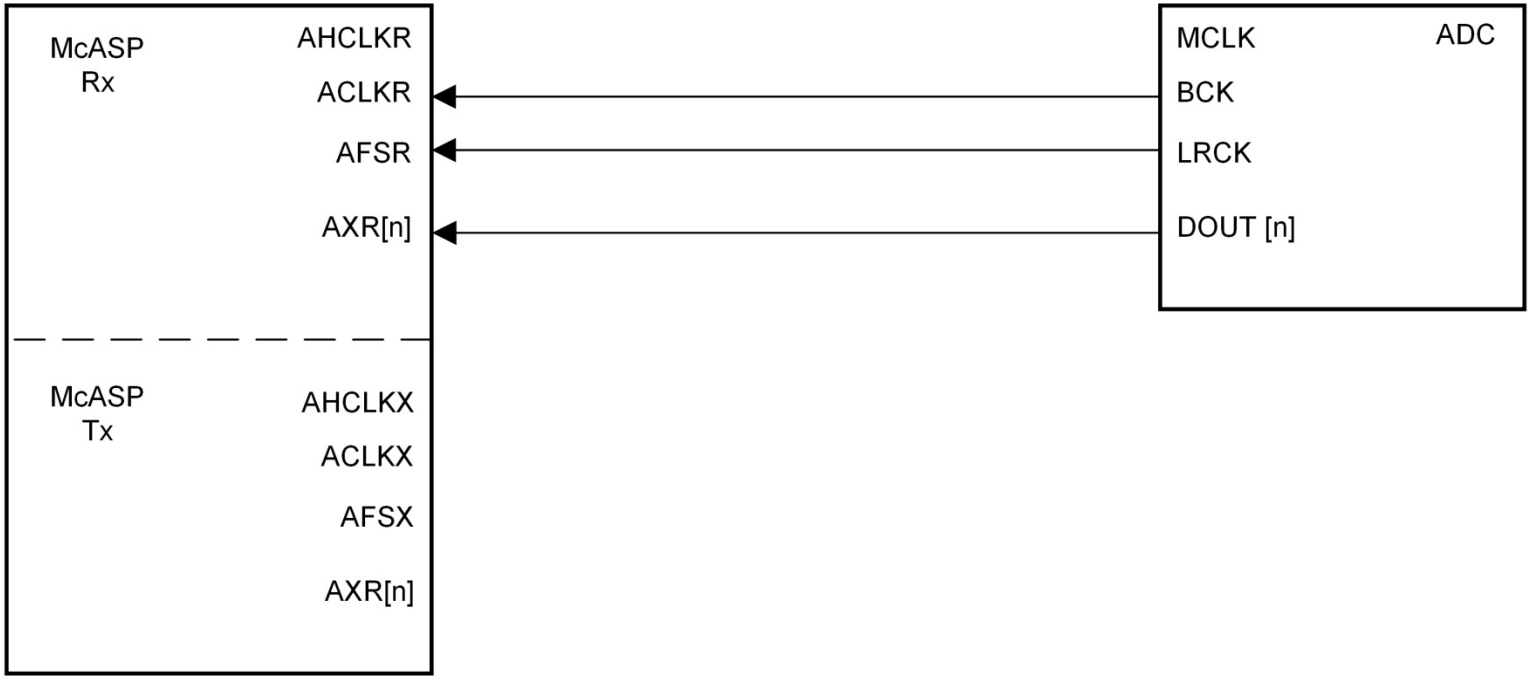
    - Answer: If McASP will receive data, use ACLKR.
    - If McASP will transmit data, use ACLKX.
  - The same goes for the other clock pins. Focus on the direction of data in order to determine whether to hook a clock signal up to McASP's receive or transmit port.

McASP as a receiver, ADC as clock master



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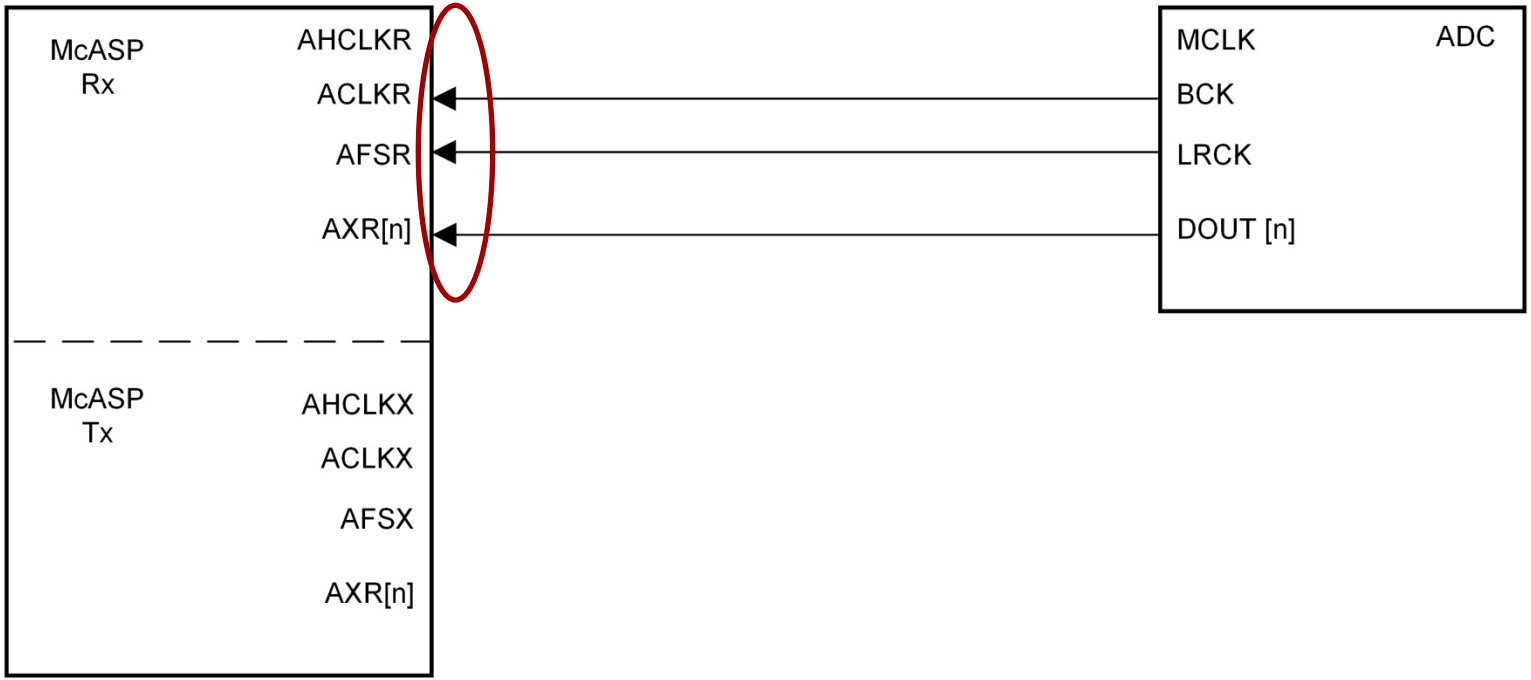

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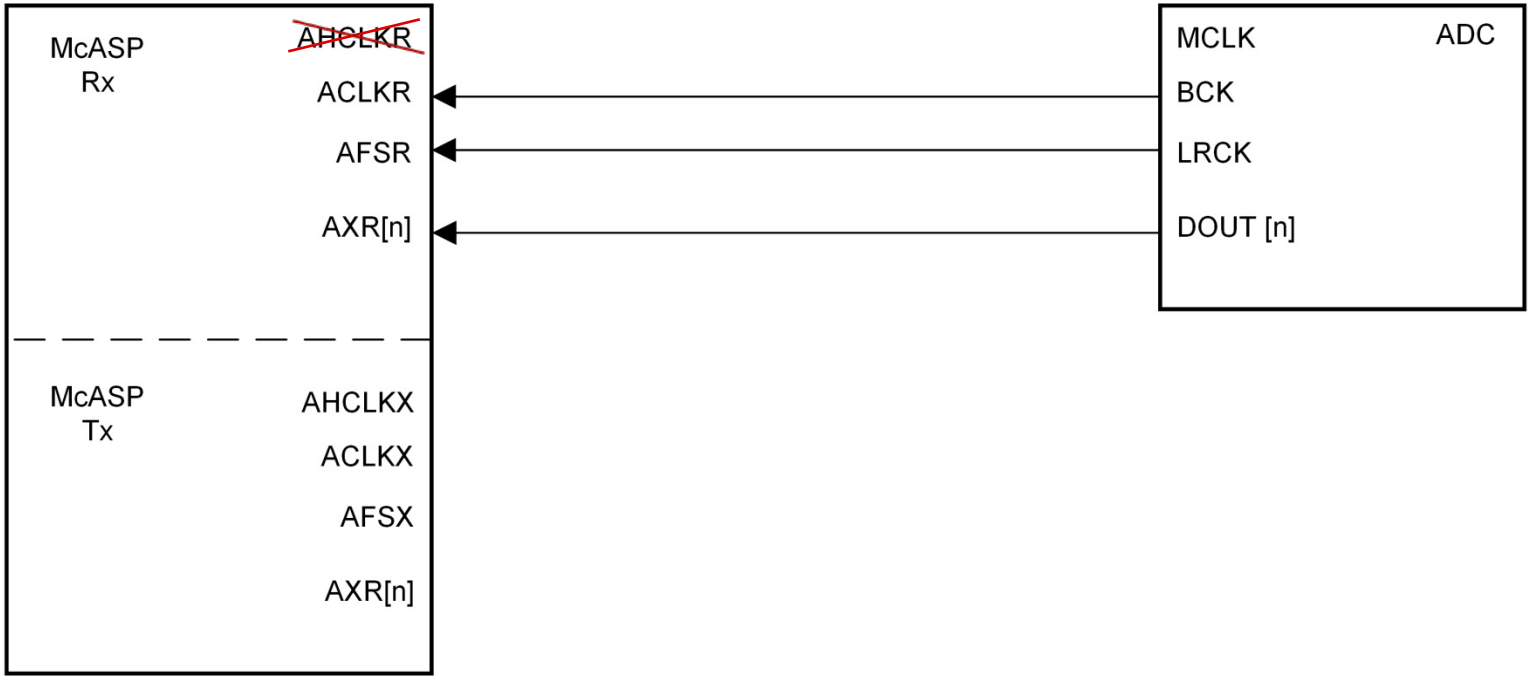
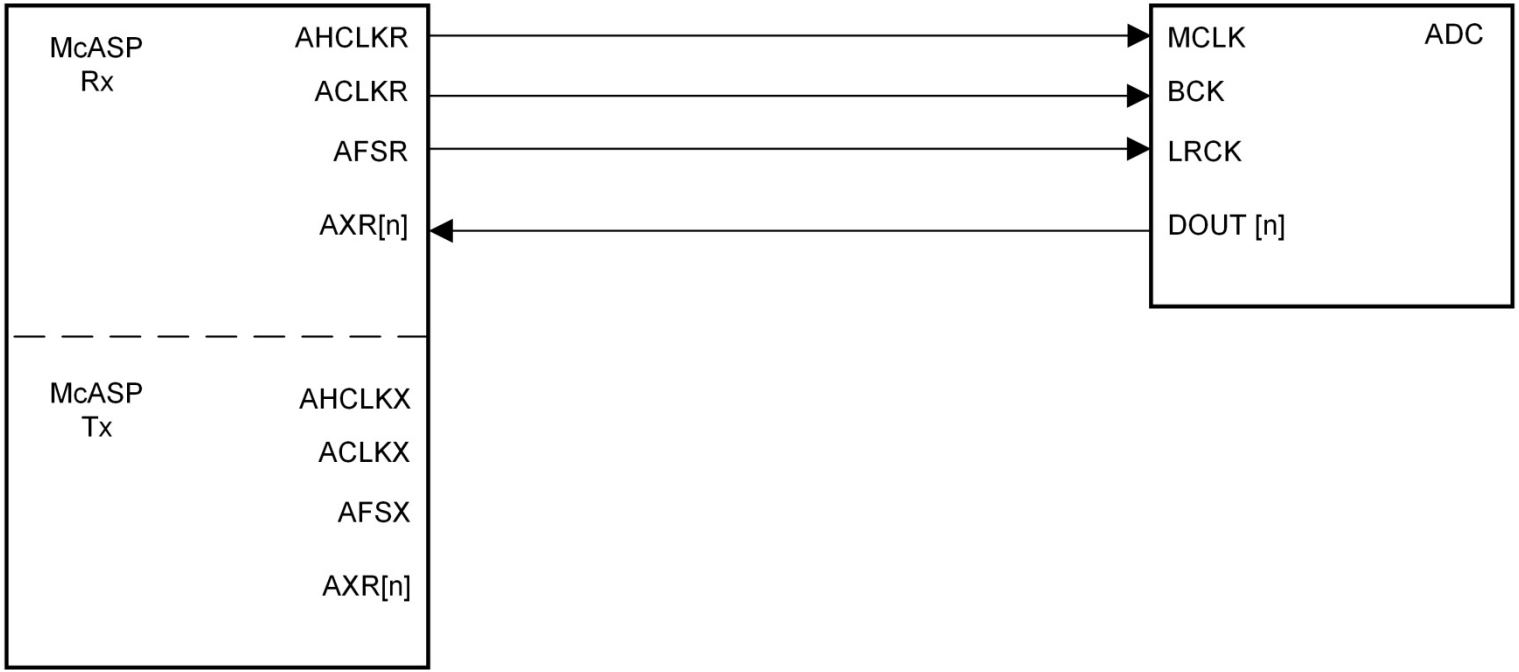


McASP as a receiver, ADC as clock slave



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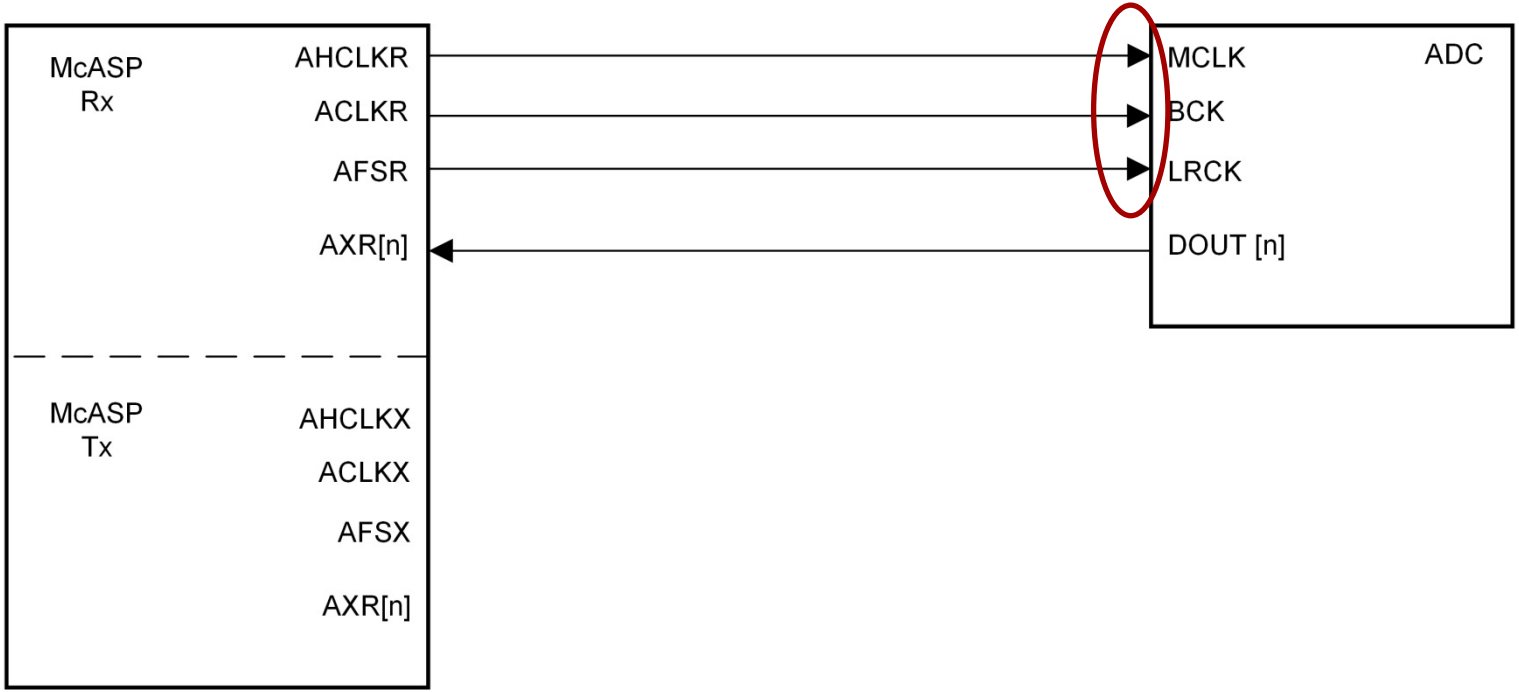

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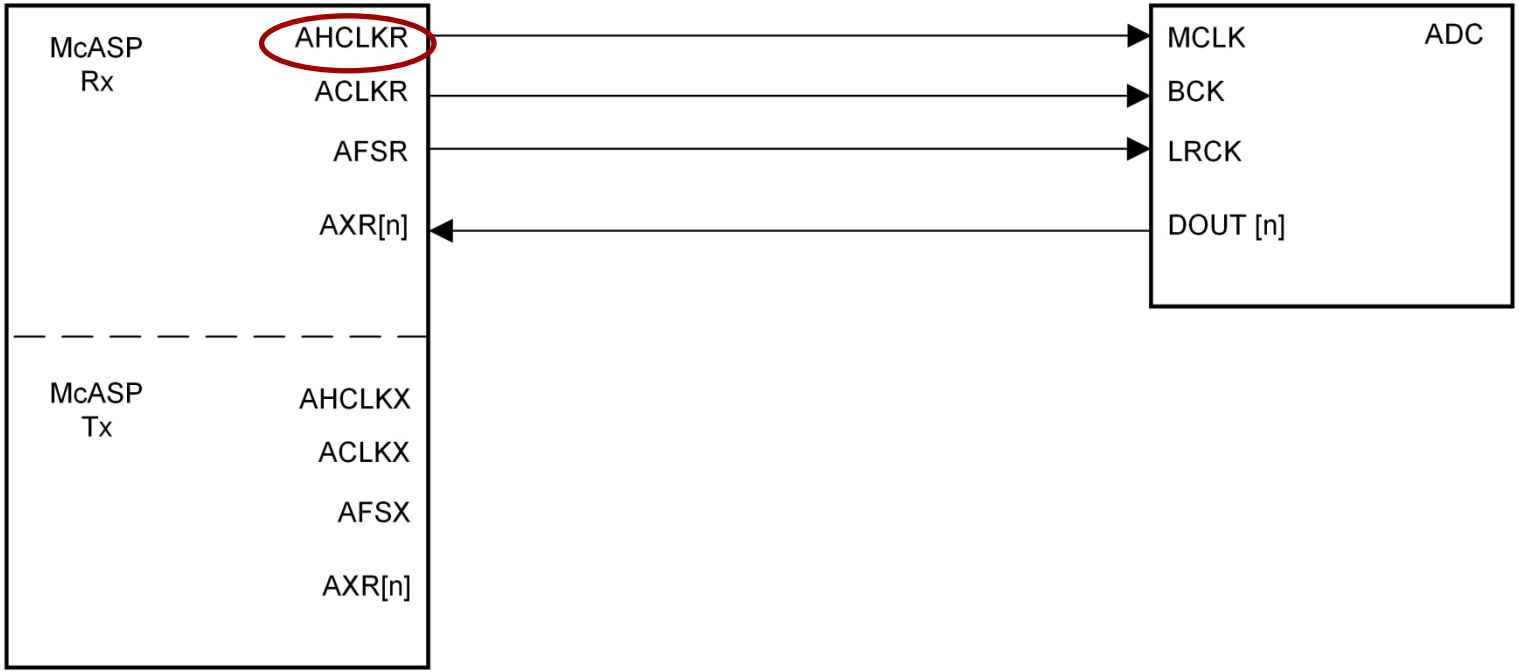

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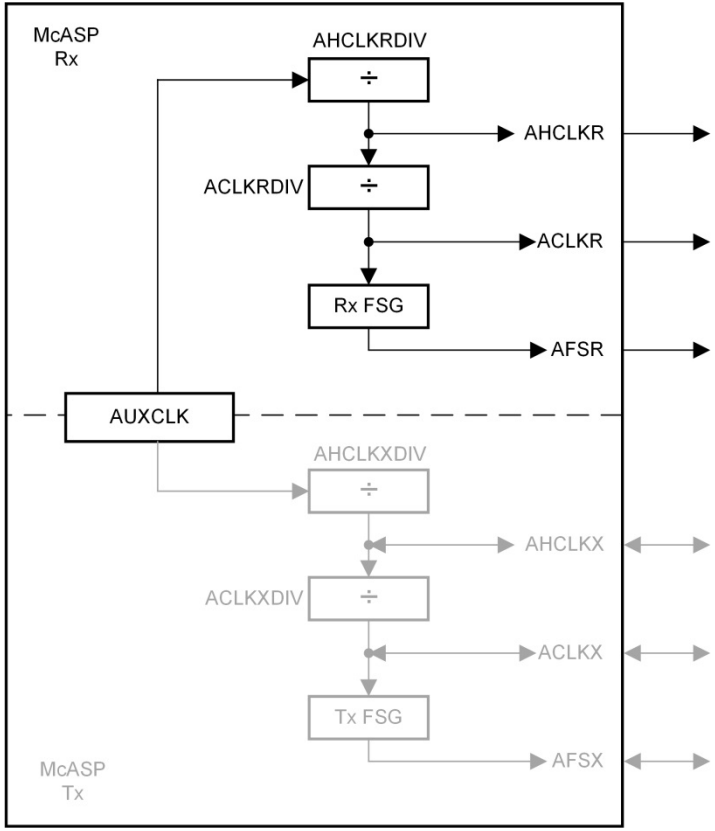
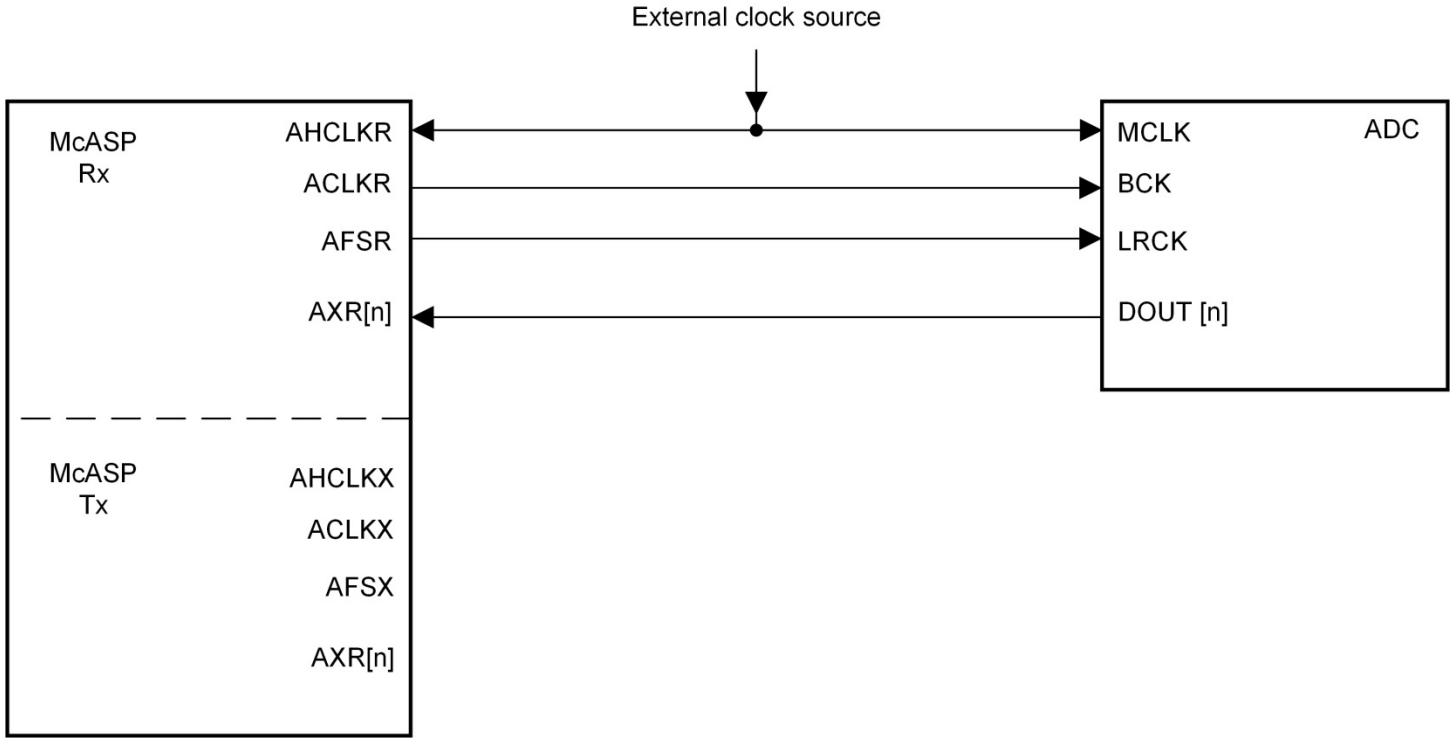


McASP as a receiver, ADC as clock slave with external master clock



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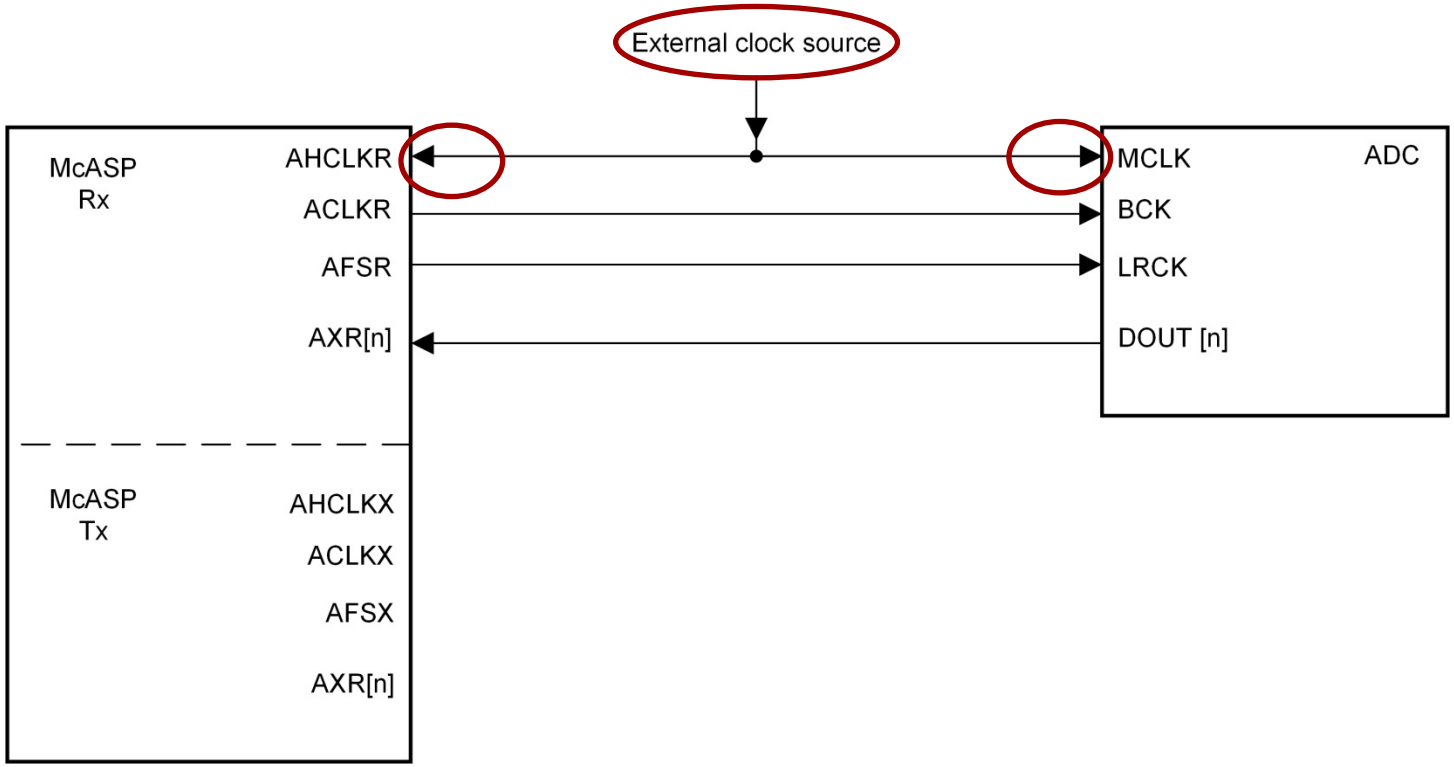

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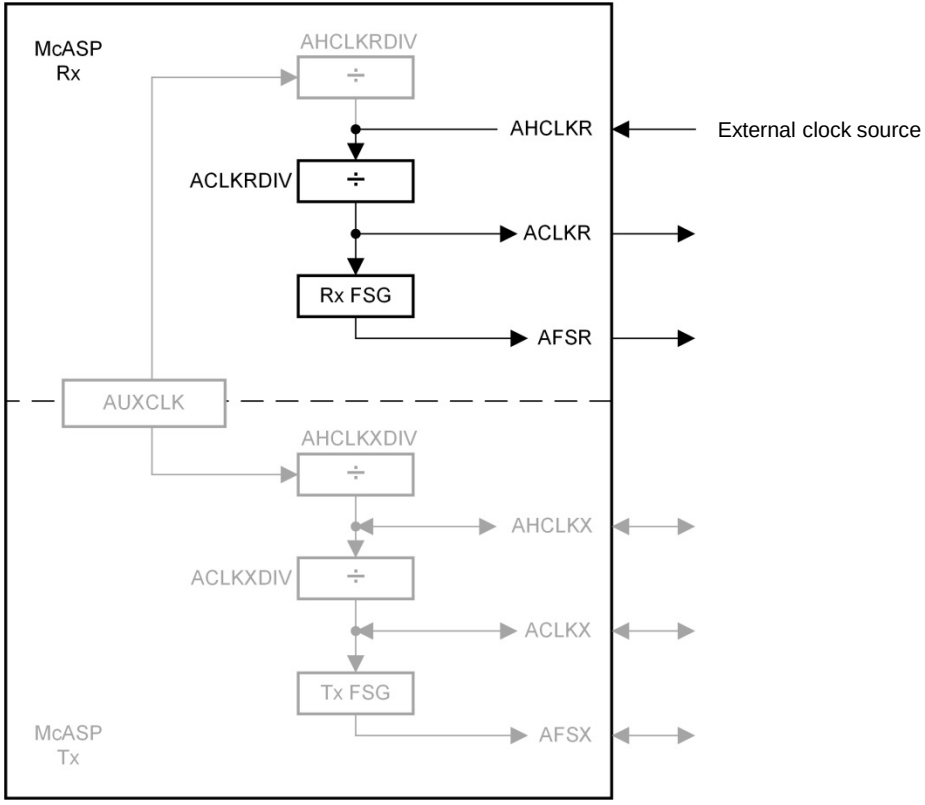

For more information

- McASP Design Guide: Tips, Tricks, and Practical Examples
  http://www.ti.com/lit/sprack0

- For questions about this training, refer to the E2E Community Forums at
  http://e2e.ti.com