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I get an error when I try to read a peripheral register

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Usually, this happens if the module is accessed before its clock has been enabled. Accessing the peripheral registers generally results in such case in bus errors (question marks displayed instead of value). It can even cause in some cases a processor crash since the access creates a bus stall which then blocks the memory access until a new reset is asserted. Before accessing a peripheral module, it is thus important that its clock is already enabled.

Tags

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