

## Re: SDIO interface specification

**Source:** <http://coding.derkeiler.com/Archive/General/comp.arch.embedded/2004-06/0739.html>

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*dmm!\_at\_work.now*

**Date:** 06/11/04

Date: Fri, 11 Jun 2004 18:42:02 +1000

On 10 Jun 2004 12:09:01 -0700, graeme@microcommander.com (Graeme) wrote:

>Hello all,  
>  
>Has anyone had any experience with, or has any technical documentation  
>on the SDIO card interface? Specifically, I am interested in the  
>timing of the SD 4-bit bus interface.  
>  
>I have been searching online and found that SanDisk and the SD Card  
>Association have good higher level information on the interface, but  
>they fall short when it comes to the timing diagrams.  
>  
>I would think that one of the many SDIO manufacturers would have  
>documents on the timing of signals to the device. However, I have  
>also been unable to find anything more specific than a brochure for  
>these parts.  
>  
>Has anyone had better luck finding the timing specs for SDIO? Does  
>anyone have any better suggestions for me? Does one have to be a  
>member of the SD Card association to implement an interface for SD?  
>  
>Many thanks,  
>  
>Graeme Rouse

You can ask your local SanDisk agent for a copy of the SDIO, and the SD standard. I think version 1.9 of the SD card is the latest version. I've heard that different manufacturers have slightly different interpretations, consequently different implementations.