

Re: interfacing USB flash disk

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- > *You might want to consider AT45DBCxxx Dataflash cards.*
- > *SPI interface, well documented in the datflash datasheets*
- > *and low cost.*
- > *Only drawback is that the size is currently limited to 8 MBytes.*

I came to the same conclusion. Running a USB host on a 'real' embedded system (8 & 16 bit) is non-trivial.

Interfacing to Compactflash can be done. Sandisk has got some application notes on the topic:

http://www.sandisk.com/oem_application_notes.html

Using SD/MMC SPI compatible devices seems to be the simplest solution. My only problem is that they are a bit too small for my application (industrial equipment). Having a small card sounds great for a cell phone. But not so great when you are working in a heavy industry.

Thus anyone know of any other (SPI comp.) form factor ?

I haven' looked yet, but any suggestions for SD/MMC connectors ?

I was also wondering what happens if you take out the card, is it directly interfaced to the uP or is there some power-off sequence to follow ?

Stijn