

Re: designing of frame grabber

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- *From:* Rene Tschaggelar <none@xxxxxxxx>
 - *Date:* Tue, 09 May 2006 13:40:49 +0200
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me wrote:

Hello Friends!

I came to know about this group through google group and I thought that this group may be able to help me out to solve some of my queries.

I am working on a project titled "designing of frame grabber board" .

In this type of frame grabber board , I have to take input from camera which is on some air craft. From there the camera is sending the data to my ground station frame grabber board(which I am going to design).The camera which is on aircraft can be either USB camera or CameraLink camera.In both cases our data is digitized one so I dont need any video processor or any ADC, I just need to have one USB controller(both host and device controller in one chip),some video memory to store the data which I am receiving from the on-board camera. I need dual host and device controller as the final data I am sending to my PC through USB port only and not through PCI.

This is my project description. Now can you please suggest me whether I hav to add any more part on my board or this much is sufficient or I need to do some more research if I am not touching any further particular area.

The question is now whether it is easier to read a USB camera with a controller or else go a step back and use a fast ADC on a normal camera. I'd opt for the second.

Rene

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