

Re: designing of frame grabber

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- *From:* "me" <suruchi81@xxxxxxxxxx>
 - *Date:* 9 May 2006 04:58:11 -0700
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hello mr.martin !

first of all thanks for your response.

from aircraft I am getting the signal through some RF modem , I dont have much details about that part as my part of job is involved around the designing of board and not with the RF modem and the bandwidth of the signal.Just I am getting the signal , on board I have to keep two input options one from USB and another from CameraLink Camera.

Thanks

With regards

martin griffith wrote:

On 9 May 2006 03:30:04 -0700, in sci.electronics.design "me" <suruchi81@xxxxxxxxxx> 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.

Waiting for your response,

Thanks in advance who so ever reply.

With regards

How are you getting the signal from the aircraft to your receiver?
Have you worked out the bandwidth required?

Re: designing of frame grabber

martin