

Re: 8051 to DVI interface?

Source: <http://coding.derkeiler.com/Archive/General/comp.arch.embedded/2007-02/msg00855.html>

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In the middle of the stream with old s/w

and hardware .

But for \$10 and cleverness , you can go 100

times faster , yet use the same bandwidth .

That is if you are not shut out by Microsoft

or Linux or C++ .

I will place many white LEDs in a matrix ,

and place white paper "notes" and images

over the LEDs .

Its a true GUI , on a budget . When i need

to send text , i will key log the text , and send

it by pressing one of the keys next to the LED.

I will use a \$50 ucPROS.com ATMEL USB

mcu EVB . To make it send RS232 is trivial ,

needs no explanation .

One can record all the Linux command line , commands

and send them in proper order , as if you were a PRO .

You can hook it up to a PS-2 port (K.B.) and

operate WXP like a pro , for the 200KB of

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stored key strokes and sequences inside the

\$50 wonder box .

Now you will complain , it will take C++ , 2 years

to code

It can be done in Forth in hours .

This is just one of my projects , that will be done

in parallel , because i will use no existing software

to "slow" me down .

I will rewrite the USB [device] s/w to send full

duplex , and obsolete OTG and Host .

i'll hand it out free .

Its actually quite fast and simply , because the

USB team was after fame or fortune , so they

had to make it look wizardly difficult .

But i need no money , i know how easy high

speed serial really is .

And that makes it even easier to explain to others .

I have many EVBs to test h/w and run OpCodes

and familiarize myself with ARM 7 and 9 .

I will create a free OpSys to stuff in the

Nintendo DS Lite . It has potential , and I/O pins

and WiFi and USB .

And to drive large LCD's and copy DVD movies

i'll use a GP2X game box .

Software is easy and fast , if you want it to be .

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