

Re: Where to find LCM / system design info?

Source: <http://sci.tech--archive.net/Archive/sci.electronics.design/2005-07/msg01986.html>

- *From:* "A. Nonymous" <not@xxxxxxxxxxxxxx>
 - *Date:* Sat, 16 Jul 2005 17:51:22 GMT
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Spehro,

Thank you very much for your reply.

Your last comment seems to be directing me towards a microprocessor specifically? (Forgive the novice question – I am an EE, I'm just a bit out of my comfort zone right now)

My concern is cost – I can deal with relatively high non-recurring costs associated with design and development, but long term I need a very inexpensive solution for reproducing with high volume.

(No I'm not intending to design this on my own – I am just looking to become knowledgeable so I know what my challenges will be, before I run into them with an actual developer.)

My absolute key characteristics are low cost and small size – not always achievable, but that is why I am doing research now to see what is available out there.

Thanks again :)

Joe

Spehro Pefhany <speffSNIP@xxxxxxxxxxxxxxxxxxxxxxxx> wrote in news:bjcid11db65p2ctkboqvridcicfin2utqu@xxxxxxx:

> On Sat, 16 Jul 2005 15:37:59 GMT, the renowned "A. Nonymous"
> <not@xxxxxxxxxxxxxx> wrote:
>
>>Hey guys,
>>
>>I'm looking to learn about ways to program a monochrome graphical
>>liquid crystal module (128 x 128 or 128 x 96).
>>
>>Can anyone suggest some resources to go read about using
>>microprocessors / asics / fpgas to accomplish such a task?
>>
>>Thanks!

Re: Where to find LCM / system design info?

- >
- > It you're using a module with controller, try a google on the
- > controller chip part number for code examples to do your basic
- > graphics functions. Eg. (Toshiba) T6963, SED1520, KS(mumble) . There
- > are only a few common controller types for the graphic modules. Some
- > ARM microprocessor (almost microcontrollers, just missing the code
- > memory) chips have *built-in* controllers that work with displays that
- > have just drivers and no controller. A suitably programmed FPGA can
- > also be used with that kind of display. You have to spit out data
- > continuously at a fairly high rate to that kind of display, so it's
- > unlikely to be very attractive to try and do it in firmware.
- >
- >
- > Best regards,
- > Spehro Pefhany

• *Follow-Ups:*

- ◆ *Re: Where to find LCM / system design info?*
◇ *From:* Spehro Pefhany
- ◆ *Re: Where to find LCM / system design info?*
◇ *From:* larwe

• *References:*

- ◆ *Where to find LCM / system design info?*
◇ *From:* A. Nonymous
- ◆ *Re: Where to find LCM / system design info?*
◇ *From:* Spehro Pefhany

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