

## Re: Where to find LCM / system design info?

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*Source:* <http://sci.tech-archive.net/Archive/sci.electronics.design/2005-07/msg01983.html>

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- *From:* Spehro Pefhany <[speffSNIP@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:speffSNIP@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Sat, 16 Jul 2005 12:33:11 -0400
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On Sat, 16 Jul 2005 15:37:59 GMT, the renowned "A. Nonymous"  
<[not@xxxxxxxxxxxx](mailto:not@xxxxxxxxxxxx)> 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!

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

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"it's the network..." "The Journey is the reward"  
[speff@xxxxxxxxxxxx](mailto:speff@xxxxxxxxxxxx) Info for manufacturers: <http://www.trexon.com>  
Embedded software/hardware/analog Info for designers: <http://www.speff.com>  
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- *Follow-Ups:*
  - ◆ ***Re: Where to find LCM / system design info?***
    - ◇ *From:* A. Nonymous

Re: Where to find LCM / system design info?

- **References:**

- ◆ **Where to find LCM / system design info?**

- ◆ *From:* A. Nonymous

- Prev by Date: **Re: Care and Feeding of Avantek YIG...**

- Next by Date: **Re: Rich Grise**

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