

Re: 5x7 LED matrix fixed display

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 - *Date:* Sat, 25 Jun 2005 09:26:29 -0400
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On Sat, 25 Jun 2005 09:41:34 +0200, the renowned mmm <pippo@xxxxxxxx> wrote:

>Englishman in Ankara wrote:

>> Maybe I'm trying something too simple, but I couldn't find what I need
>> on the 'net...

>>

>> I want to display a fixed message on a 5x7 matrix LED panel. Actually a
>> few (6 or 7) side by side.

>>

>> The only circuits I can find are for SCROLLING displays.

>>

>> Is there a simple way of driving a multiplexed LED display? maybe using
>> simple logic not PIC or microprocessors.

>>

>> Any ideas would be appreciated...

>>

>

>

>maybe a bunch of shift register connect in a circular fashion can do the
>job, break the connection to load the new datas, plus some counters and
>decoders plus some mixed gates to connect all.

>

>but the question is :

>

>using discrete logic you need lot of chips, using a micro you put inside
> the micro the 'data memory' and the all logic to do the refresh and
>you need only the led drivers outside the micro.

>

>I tought that at slow speed micro almost always beat discrete logic, my
>pcb maker charge lot of money and a single micro is soooo small :-) !

Here's an example circuit and firmware using an older PIC type microcontroller. Lewin used discrete LEDs but it would work fine with an LED array.

<http://www.zws.com/products/picxie2/index.html>

- **References:**

- ◆ **5x7 LED matrix fixed display**

- ◇ *From:* Englishman in Ankara

- ◆ **Re: 5x7 LED matrix fixed display**

- ◇ *From:* mmm

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