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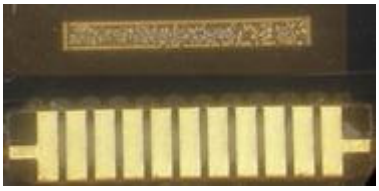
Forum: Microcontroller and Digital Electronics

Pollin LCD SANBUM LBL-11337

Pollin LCD SANBUM LBL-11337

Author: WS (Guest)
Date: 14.06.2016 10:53
Attached files:



Pollin_SANBUM_LBL-11337.JPG
437 KB, 1777 downloads

```
 Pollin currently offers another "UFO" display:
LCD module SANBUM LBL-11337-1-01 for 1.95 € under the number 121-449.

I suspect a graphics display first, but have so far under
Can not make out any pattern on the visible surface yet.

I took a shot of the chip under the microscope - picture
attached and hopefully big enough to recognize the contact surfaces
can.  As far as I can see, it is about 6.2 mm long.

So a question to everyone: who knows his way around with the various COG chips
and maybe I can give you a hint, what a thing this is
is?

WS
```

Re: Pollin LCD SANBUM LBL-11337

Author: WS (Guest)
Date: 15.06.2016 14:44

```
  hmm .. 121 downloads and no starting point found.
```

Re: Pollin LCD SANBUM LBL-11337

Author: WS (Guest)
Date: 16.06.2016 10:37

```
 So. I've tried again with oblique.  Well, a little bit can
you can see or better guess and that looks like graphic 144x24.

WS
```

Re: Pollin LCD SANBUM LBL-11337

Author: René K. (cyprius)
Date: 16.06.2016 12:04

Look very interesting, the things. Give me some momentum
buy and then post here.

Re: Pollin LCD SANBUM LBL-11337

Author: WS (Guest)
Date: 22.06.2016 13:02

One more question: is it possible that we are here looking for
"SANBUM" are simply on the wrong steamer? What you contribute
Sanbum's website looks first and foremost display lights. The
"Sanbum" could therefore only on the
Get background lighting ...

WS

Re: Pollin LCD SANBUM LBL-11337

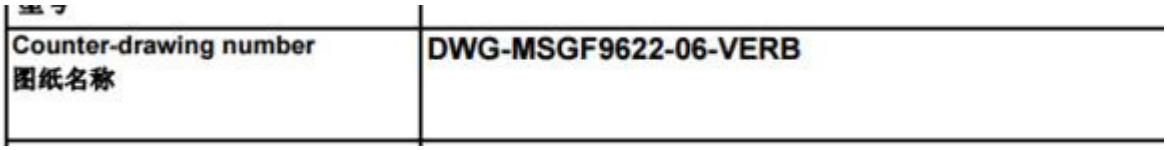
Author: google (guest)
Date: 24.06.2016 20:52

My speculation: It's a Batron display, custom, 113x37
Pixel. On it inter alia the "MSGF" on the sticker as well as the
LBL-xxxx

http://bg-electronics.de/datenblaett…

Re: Pollin LCD SANBUM LBL-11337

Author: google (guest)
Date: 02.07.2016 15:03
Attached files:



counter-drawing.PNG
8.5 KB, 1000 downloads

counter-drawing_2.PNG
4.77 KB, 267 downloads

Ok, my interpretation is wrong, the MSGF011337-01 or LBL (for
Label) 11337-1-01 is the so-called counter-drawing-number of Batron.
This number is absolutely meaningless, so no statement about that
Display can be taken. But Batron remains first as a manufacturer
because of the similar label.

I have now felt through 100 data sheets of common suspects
and found no matching chip.

Re: Pollin LCD SANBUM LBL-11337

Author: WS (Guest)
Date: 02.07.2016 16:08

```
 Well, we have 11 ports (if I did not count)
and on the chip are 12 rather prominent connections to recognize.

Grouping from right to left:

2 pins

4 pins

4 pins

2 pins

That's not enough for a byte-wide interface, so I guess
serial data.  Common for such is:
- A0 or RS
- CE
- Clk
- Data

join in
- GND
- VCC

The rest of 6 pins would be for the LCD voltage generator, presumably
2x boost capacitor and backup capacitor to ground.

Yes, it's all guesswork, I know.

WS
```

Re: Pollin LCD SANBUM LBL-11337

Author: google (guest)
Date: 02.07.2016 16:14
Attached files:

Anschluesse_1.jpg
143 KB, 1156 downloads

```
 Enclosed times my photo of the steamed lines ... so completely
Your theory will not work if I understand it correctly.
```

Re: Pollin LCD SANBUM LBL-11337

Author: fritsche (guest)
Date: 02.07.2016 21:00

Hello Google,
Can you specify the dimensions of the controller in mm?

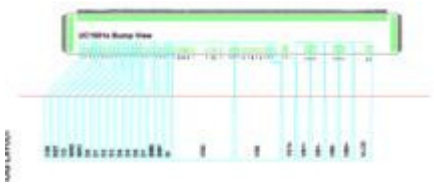
Re: Pollin LCD SANBUM LBL-11337

Author: google (guest)
Date: 02.07.2016 21:57

Dimensions approx. 6.2 mm x 1 mm

Re: Pollin LCD SANBUM LBL-11337

Author: google (guest)
Date: 03.07.2016 08:14
Attached files:



UC1601s.PNG
63 KB, 1254 downloads

I have him! :-)

http://www.artronic.com.pl/pdf/pl/UC...

Re: Pollin LCD SANBUM LBL-11337

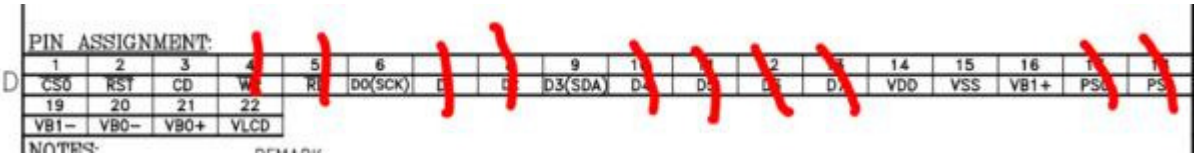
Author: google (guest)
Date: 03.07.2016 08:17

Here he is also used, all electrical and circuit engineering
Data is included:

http://www.data-modul.com/tl_files/d...

Re: Pollin LCD SANBUM LBL-11337

Author: google (guest)
Date: 03.07.2016 08:26
Attached files:



Anschluesse.PNG
24.6 KB, 844 downloads

A connection still falls away ...

Re: Pollin LCD SANBUM LBL-11337

Author: google (guest)
Date: 03.07.2016 08:28

```
RST is probably also not brought out.
```

Re: Pollin LCD SANBUM LBL-11337

Author: WS (Guest)
Date: 03.07.2016 19:13

```
Hornbach?
(Yippie yeah ....)

WS
```

Re: Pollin LCD SANBUM LBL-11337

Author: WS (Guest)
Date: 23.08.2016 16:09
Attached files:

Pollin Sanbum.jpg
151 KB, 1416 downloads

```
So, the thing is done so far.  The display is operated by I2C
and it has sinnigerweise 2 Pins verschödelt for the LCD voltage:

Pollin LCD "SANBUM"
Connections from left to right:
1 vlcd in
2 Vlcd out
3 ---- 100nF ---- 4
5 ---- 100nF ---- 6
7 GND
8 Vcc 2.4 to 3.3 volts
9 SDA (I2C)
10 SCL (I2C)
11 / RESET

addresses:
$ 38 for Control
$ 39 for data

That's it.

WS
```

Re: Pollin LCD SANBUM LBL-11337

Author: Axel S. (a-za-z0-9)

Date: 23.08.2016 16:46

Does not even look bad. How many pixels does the glass have now?
Are the supposed 144x24 votes? And the flex cable has 1mm pitch?

Re: Pollin LCD SANBUM LBL-11337

Author: WS (Guest)
Date: 23.08.2016 18:33

Display: at least 128x22. Have tried synonymous 131x22, but the last
Columns are still confused in my copy. However, that part has
suffered badly in various investigations.
Plug 11x1bottom

WS

Re: Pollin LCD SANBUM LBL-11337

Author: Mario L. (mlatzig)
Date: 16.09.2016 08:23

Thanks for the information for this display.

@WS:

I also want to use the LCD in a project. I have so far
not yet tested, but would be my next step, as soon as that
Pollin package is there.

I see in the photo that you have one between VLCDIN and VLCDOUT
Resistance (pins from the left, rings not recognizable). In the above
Datasheet in the example circuit there (page 20) these are direct
connected with each other. I would have done that once too. Why
have you installed a resistor there?

Have only looked superficially on the datasheet, could
But you eg call your initialization parameters or the code, eg
to the value for power control (PC), bias (PM) etc., or which
Display voltage it has?

Otherwise, I try it first by trying ...

16.09.2016 08:23 : Edited by user

Re: Pollin LCD SANBUM LBL-11337

Author: Mario L. (mlatzig)
Date: 17.09.2016 13:43
Attached files:

LBL-11337.jpg
115 KB, 1488 downloads

So, if someone is also interested in the LCD:

VLCDIN and VLCDOUT are directly wired together with me. It
Just 7.2V with the internal charge pump.

I operate the LCD with 3.3V. The two LEDs for the
Backlight has a forward voltage of about 2.8V. 100 ohms
I found quite suitable as a series resistor.

I initialize with the following commands (for the most part that is
Default values):

```
0x24|0b00       ; Set Temperature Comp. TC[1:0]
0x28|0b110      ; Set Power Control PC[2:0]
0x40|0b000000   ; Set Scroll Line SL[5:0]
0x81            ; Set VBIAS Potentiometer PM [7:0] (Double byte command)
0xC0
0x84|0b0        ; Set Partial Display Enable LC [4]
0x88|0b001      ; Set RAM Address Control AC [2:0]
0xA0|0b0        ; Set Frame Rate LC [3]
0xC0|0b100      ; Set LCD Control LC[2:1]
0xE8|0b00       ; Set Bias Ratio BR [1:0]
0xF1            ; Set CEN [6:0] (Double byte command)
0x15
0xAE|0b1        ; Set Display Enable DC[2]
```

On page 32 in the datasheet is described the "RAM Address Generation".
It is written modulo 64, so probably WS could be the last
do not write three pixel columns sequentially. The columns have to be extra
be addressed. I do not quite have the AC (RAM Address
Control).

17.09.2016 13:52 : Edited by user

Re: Pollin LCD SANBUM LBL-11337

Author: WS (Guest)
Date: 17.09.2016 15:50
Attached files:

Craft sources.zip (2.5 KB, 129 Downloads)

Mario L. wrote:
> I see in the photo that you have one between VLCDIN and VLCDOUT
> Resistance (pins from the left, rings not visible). In the above
> Datasheet in the example circuit there (page 20) these are direct
> connected.

Yes, the resistance was just a "fear resistance" - the whole construction was
yes only to test the pin assignment and looks accordingly confused.

The software looks just as confused: I had a complete one
Another project ne LP gripped and a few pins just "rededicated".
The GDI and fonts are pretty much the same as they were years ago
in the Lernbetty and the I2C control I had as a pure soft solution
also in the craft box. See also
http://www.mikrocontroller.net/attac…

I'm hooking up with the craft sources, but please do not scold me,
that's all written out of the wrist. I had it first
assumed that the display would operate in one of the SPI modes.
After nothing clever came and also the voltage at VLCDOUT itself
I did not twitch, I had tried it with I2C and..voila!

WS

Re: Pollin LCD SANBUM LBL-11337

Author: Christian S. (pipe preheater)
Date: 18.09.2016 03:28

Hello,

does anyone know what pitch the flex cable has?

Sincerely

Re: Pollin LCD SANBUM LBL-11337

Author: oven preheater (guest)
Date: 18.09.2016 03:51

is it correct what can be read in gdisplay.c?

"Foil cable 11 pin: required: FFC 11 x 1 mm, bottom"

Re: Pollin LCD SANBUM LBL-11337

Author: google (guest)
Date: 18.09.2016 08:54

Röhrenvorheizer wrote:
> is it true what can be read in gdisplay.c?
>
> "Foil cable 11 pin: required: FFC 11 x 1 mm, bottom"

Yes.

Re: Pollin LCD SANBUM LBL-11337

Author: Mario L. (mlatzig)
Date: 18.09.2016 09:10

Is there directly to Pollin:

http://www.pollin.de/shop/dt/Mjc3NzQ…

Re: Pollin LCD SANBUM LBL-11337

Author: Christian S. (pipe preheater)
Date: 18.09.2016 15:34

Thank you!

In other displays Pollinianer write, if you the
have matching socket ...

Re: Pollin LCD SANBUM LBL-11337

Author: oven preheater (guest)
Date: 04.10.2016 05:06

Hello,

does anyone have a complete code with which you can see the display?
can try? Missing in the example above
Program parts.

Sincerely

Re: Pollin LCD SANBUM LBL-11337

Author: WS (Guest)
Date: 04.10.2016 19:19

Röhrenvorheizer wrote:
> someone already has a complete code

Of course I have that.
But why should I use it to wrap up the forum?

So, if you do not want to just use a LPC11E12 right now, then
Will you write the general stuff for your µC anyway?
must - or (as usual here) click together from somewhere.

What your I2C driver has to deliver to interface, is indeed in the
Header file in it.

How you get what useful in the display RAM, is a matter of taste.
There are a lot of guys who want to do it differently
me, so there you have your own choice. I use pretty much
the same GDI as dunnemals in the learning betty. So download it,
then you have both a Gdi and a few fonts.

```
/*************************************************************
 Pixel auf Koordinate [x,y] mit PenColor schreiben.
 zurückgeliefert wird der bisherige Inhalt des Pixels
 *************************************************************/
word CgPixel_at ( int X, int Y, int mode)
{ word  i;
  int  idx, mask0, mask1;

  if (X < 0 )   return 0 ;
  if (X > lcdbreite- 1 ) return 0 ;
  if (Y < 0 )   return 0 ;
  if (Y > lcdhoehe- 1 )  return 0 ;
  Y = lcdhoehe - Y - 1 ;

  if (gedreht)
  { idx   = ((lcdbreite*lcdhoehe)>> 3 ) - (Y>> 3 )*lcdbreite - X - 1 ;
    mask1 = 128 >>(Y& 7 );
    mask0 = ~mask1;
    i = 0 ;
    switch (mode)
    { case 0 :             // black
         i = BWSP[idx];
         BWSP[idx] |= mask1;
         break ;
      case 1 :             // white
```

```
         i = BWSP[idx];
         BWSP[idx] &= mask0;
         break ;
      case 2 :             // invert
         i = BWSP[idx];
         BWSP[idx] ^= mask1;
         break ;
    }
    if (i & mask1) return 1 ;
    return 0 ;
  }


  idx   = (Y>> 3 )*lcdbreite + X;
  mask1 = 1 <<(Y& 7 );
  mask0 = ~mask1;
  i = 0 ;
  switch (mode)
  { case 0 :             // black
       i = BWSP[idx];
       BWSP[idx] |= mask1;
       break ;
    case 1 :             // white
       i = BWSP[idx];
       BWSP[idx] &= mask0;
       break ;
    case 2 :             // invert
       i = BWSP[idx];
       BWSP[idx] ^= mask1;
       break ;
  }
  if (i & mask1) return 1 ;
  return 0 ;
}
```

So, so you have something vorgekautes.

Do not forget that I have a very different firmware MAL EBEN a bit
misused to try out the display. So instead of the
original "CgPixel_at" just this function and so on. The
I also wrote clearly!

Do you understand now why it really does not make sense, the whole
Dumping stuff here?

So, the core of the story is you, describing the last few
Columns you have to program yourself, the GDI of the Lernbetty can
as used there, fonts are also available,
On top of that, I had Ozvald K. something in fonts or program to do so
posted - of course you can also use your own, so it is
but everything is there.

It just lacks a real application and main.c for that ...

WS

Re: Pollin LCD SANBUM LBL-11337

Author: Christian S. (pipe preheater)
Date: 04.10.2016 22:16

Hello,

yes, thank you too.

Basically, my question was focused on the I2C routines that I have been using
Fill with life yesterday, so on the display ever something
appears.
I did not expect a comfortable big project.

Sincerely

Re: Pollin LCD SANBUM LBL-11337

Author: WS (Guest)
Date: 05.10.2016 19:42

Christian S. wrote:
> My question was basically about the I2C routines

I did this by software.

Although the µC (LPC11 ..) used also has a hardware core for the I2C,
but all these HW-I2C connectors are almost like an emetic.
Therefore.

The only µC where I found a good usable I2C core
had a NEC (78K4) and that was a long time ago. The older cores
kill one with necessary interrupts en masse - so that the
actual HW brings no benefit and the newer cores want everything
automatically and therefore do not work at all, if
the LoLevel driver does not already tell them how many bytes the
in the future, to commemorate higher program layers (which he
understandably can not anticipate) and a slave open with 0
Bytes after addressing does not work. So I ignored this
Kruscht and did it all in SW ado. You can do that, too
everything is obvious: Start-Cond, addressing, bytes out,
Stop Cond.

WS

Re: Pollin LCD SANBUM LBL-11337

Author: Maximlian S. (maduino)
Date: 13.10.2016 22:34

Hello,

I would like to use the display for a project, but I have until
now always worked with HD44780 displays that take 5V or 3.3V.
Above is:

WS wrote:
> Pollin LCD "SANBUM"
> Connections from left to right:
> 1 vlcd in
> 2 Vlcd out
> 3 ---- 100nF ---- 4
> 5 ---- 100nF ---- 6
> 7 GND
> 8 Vcc 2.4 to 3.3 volts
> 9 SDA (I2C)
> 10 SCL (I2C)
> 11 / RESET

What exactly is "Vlcd in" and "Vlcd out"? I would type - as far as I am concerned
understand everything - that this is the contrast voltage (+ and -). But
How do you know how tall that must be?

Many Greetings!

Re: Pollin LCD SANBUM LBL-11337

Author: Axel S. (a-za-z0-9)
Date: 13.10.2016 23:03

Maximilian S. wrote:
> I would like to use the display for a project, but I have until
> Now always worked with HD44780 displays that take 5V or 3.3V.

Then you have to learn a little something. Eg about character sets.

> What exactly is "Vlcd in" and "Vlcd out"? I would type - as far as I am concerned
> understand everything - that this is the contrast voltage (+ and -)

Nope.

On the display is a charge pump on it, which consists of the 3.3V logic
Supply voltage the required contrast voltage for the LCD-glass,
respectively generated the driver. Vlcd_out is the output of the charge
pump and Vlcd_in is the input of the driver. In practice one becomes
simply connect both connections and (!) a filter capacitor to GND
connect.

The height of the contrast voltage (vulgo: the contrast of the display) can be
set by software, in register BR.

Re: Pollin LCD SANBUM LBL-11337

Author: Maximlian S. (maduino)
Date: 14.10.2016 09:08

Axel S. wrote:
> Maximilian S. wrote:
>> I would like to use the display for a project, but I have until
>> now always worked with HD44780 displays that take 5V or 3.3V.
>
> Then you have to learn a little something. Eg about character sets.

I think I can do it. Here are already enough
Hints hidden :-)

>> What exactly is "Vlcd in" and "Vlcd out"? I would type - as far as I am concerned
>> understand everything - that this is the contrast voltage (+ and -)
>
> No.
>
> There is a charge pump on the display, which consists of the 3.3V logic
> Supply voltage the required contrast voltage for the LCD-glass,
> respectively generates the driver. Vlcd_out is the output of the charge
> pump and Vlcd_in is the input of the driver. In practice one becomes
> simply connect both connections and (!) a filter capacitor to GND
> connect.

That's great. What value should the capacitor have? KerKo or?

Many Greetings!

Re: Pollin LCD SANBUM LBL-11337

Author: Axel S. (a-za-z0-9)
Date: 14.10.2016 09:34

Maximilian S. wrote:
> Axel S. wrote:

>> Vlcd_out is the output of the charge
>> pump and Vlcd_in is the input of the driver. In practice one becomes
>> simply connect both connections and (!) a filter capacitor to GND
>> connect.
>
> That's great. What value should the capacitor have? KerKo or?

There are three capacitors in total. And yes, Kerkos.

Further up the datasheet of another display is linked [1], the
also used this controller. There is also a circuit diagram in it.
The data sheet of the controller (which you must read in any case) says
also something to it.

[1] the old link points to the void. Here is a new one:
http://www2.data-modul.com/tl_files/…

Re: Pollin LCD SANBUM LBL-11337

Author: Maximlian S. (maduino)
Date: 14.10.2016 17:40

So, in the post above from "WS (guest)" are the signal mappings so
so:

Yellow cable = GND
White cable = VCC
Black cable = SDA
Brown cable = SCL
Red cable = / RESET (active low)
Orange cable = Not connected

Between 1 and 2 (VLCD IN, VLCD OUT) is a resistor and 1 is with
a kerko connected to GND. This is also the case in [1], page 24
bottom right. There it is stated that the capacitor 330 should be nF
and the resistance 3.3 - 10 MΩ.

In [2] (page 7) 1 uF is given.

Pollin does not seem to give this value (both).

[1] http://www.artronic.com.pl/pdf/pl/UC…
[2]
http://www2.data-modul.com/tl_files/…

17.10.2016 22:09 : Edited by Admin

Re: Pollin LCD SANBUM LBL-11337

Author: Christian S. (pipe preheater)

Date: 14.10.2016 21:02

```
 Hello,

The contrast is set to a fixed value during initialization
one that you can try.  For me it works with 2 x 100nF
Foil and a Elko, which is charged in operation to 7.2V.  circuit
see at the top.  The pullup resistors may of course only against + 3.3V
be interconnected.

Kind regards
```

Re: Pollin LCD SANBUM LBL-11337

Author: oven preheater (guest)
Date: 15.10.2016 09:24
Attached files:

Sanbum_LBL-11337-1-01.zip (16.5 KB, 138 Downloads)

```
 > someone already has a complete code, with which one times the display
> can try?

Hello everybody,

Enclosed I add the code that has been in demand for a long time.  The program
was created during my experiments and should not be considered as
Lehrbuchtaugliches flagship project serve, but sometimes a basis
offer to be able to control this display.  Error handling for I2C
is still missing completely.  If you feel like it, you can do further developments here
imagine.  For example, a nice menu to control other functions would be
but a project ...
For an oscilloscope, the resolution should be too rough.

/ * Irony
The data sheet UC1601.pdf is especially good for beginners and those
People thought that far from the higher ordinations of an I2C guru
are removed.  It does not require any imagination to understand the
presented facts and shows on the basis of several clearly arranged
Examples with command sequences for direct copying, how easy this
Display is to control.  The author wins the first prize for the
Didactically well structured presentation of the contents.
* / Irony out

The program can write characters from an attached font and it
are already some graphic functions for pixels, (oblique) lines and
Circles with it.  The display offers a few more functions, but
not all are used.  The initialization can still be
simplify.

Surely Pollin is now from all remaining copies in frenzied
Can sell fast ...

Sincerely
```

Re: Pollin LCD SANBUM LBL-11337

Author: WS (Guest)
Date: 15.10.2016 19:11

Röhrenvorheizer wrote:
> It does not require any imagination ...

Oh, do not get upset. The DB is not that bad
really.

Röhrenvorheizer wrote:
> Surely Pollin is going to rip all remaining copies from now on
> Sell fast ...

Might be. When ..1WRNNA .. it was also pretty fast, after circuit
and drivers were cleared up. What's left is the slight edge, what
you have here.

However, I guess that there is a difference in graphics LCD's
are between hobbyists, something like fonts, graphics, GDI on its own
Can handle power and those who themselves on an Alpha LCD
already doing pull-ups. A clear example is the SHARP
LQ092B5DW01, thanks to parallel TTL interface and about 18V for the
BL is unattractive for many hobbyists because they are not compatible with µC's
LPC4088 class can work around.

Well, the "Sanbum" comes close to the pixel in Sharp
behind the potato pressure, but it is quite something like that
Frequency counter or radio scale suitable. It was, however, already mW
on a special bargain list - probably not much of it is there
his.

WS

Re: Pollin LCD SANBUM LBL-11337

Author: Mario L. (mlatzig)
Date: 15.10.2016 19:34

WS wrote:
> Well, the "Sanbum" comes close to pixel in comparison to the Sharp
> behind the potato pressure

Jo, with 131x22 is not much to do, it reads from some
Distance good. For my MP3 -LAN-Radio project it is quite
suitable, because I can also read the title from 1-2 meters still.
Not every display on Pollin has white backlight, that's why
It also offered.

The 22 pixels for the height conveniently enough for only 2 lines (a
22 characters) with 5x7 font and an additional status bar with 5x5
Font.

As a precautionary measure, I ordered 5 of them, in case the
Let's go out, but I think so awesome are these displays
again, not that you would have to bunker kilos still :-)

Re: Pollin LCD SANBUM LBL-11337

Author: Axel S. (a-za-z0-9)
Date: 15.10.2016 19:49

Mario L. wrote:
> As a precautionary measure, I ordered 5 of them if the
> should go out, but I think so awesome are these displays

> again, not that you have to bunker kilos still :-)

As of now Pollin still has 241 pieces in stock. Can you easily yourself check. I often do bargains, which I only at the wants to order next order.

Re: Pollin LCD SANBUM LBL-11337

Author: oven preheater (guest)
Date: 15.10.2016 22:37

WS wrote:
> A clear example is the SHARP
> LQ092B5DW01, thanks to parallel TTL interface and about 18V for the
> BL is unattractive for many hobbyists

Well, if you get connected at least once ... With a
Adapter board together, it would certainly be interesting.
The display is already longer in the offer.

Re: Pollin LCD SANBUM LBL-11337

Author: Gerd E. (robberknight)
Date: 15.10.2016 23:05

Röhrenvorheizer wrote:
>> A clear example is the SHARP
>> LQ092B5DW01, which thanks to parallel TTL interface and about 18V for the
>> BL is unattractive for many hobbyists
>
> Well, if you at least get connected first ... With one
> Adapter board together it would certainly be interesting.

The physical connection, I think now not so critical. The
Point, the WS has mentioned above, however, rather: you need
a µC with an integrated parallel display driver around it
driving. Something like the above mentioned by him LPC4088 , a
STM32F429 or similar.

With a lot of projects it is like that, that you have this big Brummer
of µC only for the display need because the rest well with what
would be smaller, easier to handle and cheaper to solve.

There are small displays with ILI9341 or similar much more convenient
connect and bottom line because of the µC also much cheaper.

15.10.2016 23:06 : Edited by user

Re: Pollin LCD SANBUM LBL-11337

Author: Johannes S. (jojos)
Date: 16.10.2016 11:49

Mario L. wrote:
> Is there directly to Pollin:
>
>
http://www.pollin.de/shop/dt/Mjc3NzQ…

does anyone have an Eagle Lib here?

Re: Pollin LCD SANBUM LBL-11337

Author: Mario L. (mlatzig)
Date: 16.10.2016 13:29

Of course you can also create a component yourself or one of the
adapt to existing Molex jacks, but I mostly try first
once Google and I came across the following:

component

68611114122

from:

http://www.we-online.com/web/en/elec…

http://www.we-online.com/web/en/inde…

16.10.2016 13:30 : Edited by user

Re: Pollin LCD SANBUM LBL-11337

Author: Johannes S. (jojos)
Date: 16.10.2016 13:36
Attached files:

Molex-52207-1185.zip (1.72 KB, 32 Downloads)

Thank you,
have now downloaded the Molex Lib of element14 and a
modified similar connector. Is something drawn easier than that
Würth parts.
Since the whole a Lib has a copyright I hang my Lib to the
contains only the adapted 11poligen.

Re: Pollin LCD SANBUM LBL-11337

Author: Mario L. (mlatzig)
Date: 17.10.2016 14:50

Axel S. wrote:
> Pollin now has 241 pieces in stock. Can you easily yourself
> check.

@ OffTopic: Can you tell me the trick?

Re: Pollin LCD SANBUM LBL-11337

Author: Johannes S. (jojos)
Date: 17.10.2016 15:56

Place 999 pieces in the shopping cart and proceed to the checkout.

Re: Pollin LCD SANBUM LBL-11337

Author: Mario L. (mlatzig)
Date: 17.10.2016 17:33

John S. wrote:
> 999 pieces in the shopping cart and go to checkout.

Thank you for the tip.

Re: Pollin LCD SANBUM LBL-11337

Author: powertool (guest)
Date: 15.02.2018 21:42
Attached files:

u8x8_d_uc1601.c (6,79 KB, 103 Downloads) | code view

Maybe interesting for one or the other Sanbum owner: Since
For 3 months, the UC1601 is also supported by the u8g2 Arduino library.
I have the display now on a maple mini (STM32, because of the 3.3V)
on the run. Constructor is U8G2_UC1601_128X32_F_HW_I2C reset
I toggled in front of u8g2.begin. But probably also goes with it
Continuous Vcc.
I only changed the u8x8_d_uc1601.c, with the original version
the last 4 columns were not initialized and unusable. The
Init sequence is taken from this thread, the other small ones
Changes are the extension for the 132 columns.

By the way Thumbs up for the reverse engineers above, is a nice one
Display with quite large viewing angle.

Re: Pollin LCD SANBUM LBL-11337

Author: Abdul K. (ehydra)
Date: 15.02.2018 22:07

Display is no longer available from Pollin.

Re: Pollin LCD SANBUM LBL-11337

Author: powertool (guest)
Date: 15.02.2018 22:31

Is known. Therefore, I also wrote 'owner' ...

Re: Pollin LCD SANBUM LBL-11337

Author: Bernd D. (bernd_d56)
Date: 16.02.2018 06:23

I had 10 pieces in stock, who still one or two
needs, report!