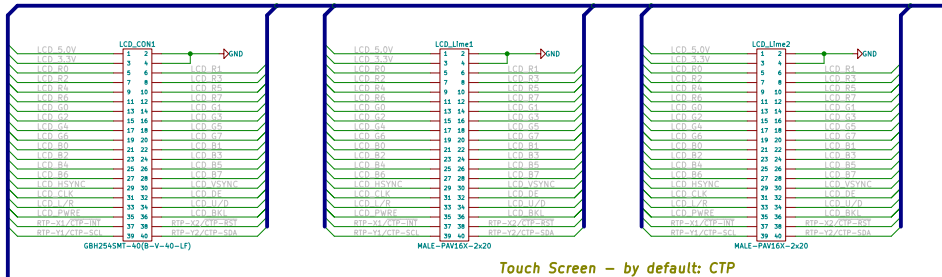
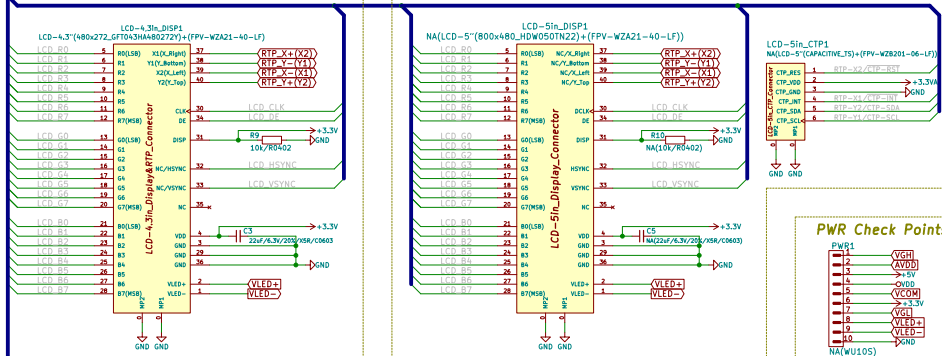


Input Connectors



Touch Screen – by default: CTF

LCD-4.3in



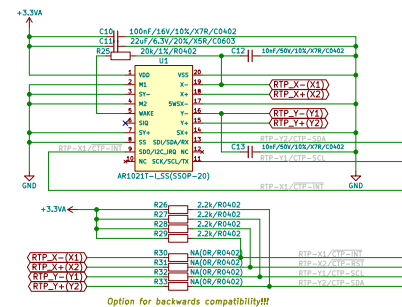
LCD-5in

Options:

1. Only LCD-5in_DISP1 populated
2. LCD-5in_DISP1 and LCD-5in_CTP1 populated

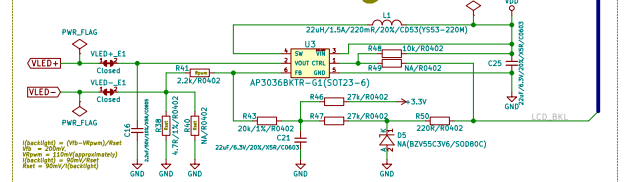
Resistive Touch Screen Controller

I2C Address: 0x4D



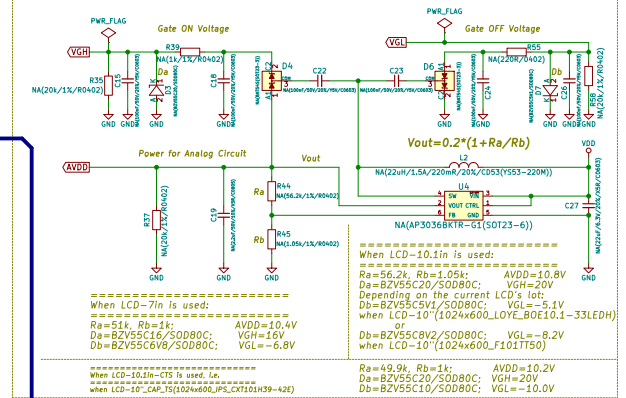
Option for backwards compatibility!!

Backlight

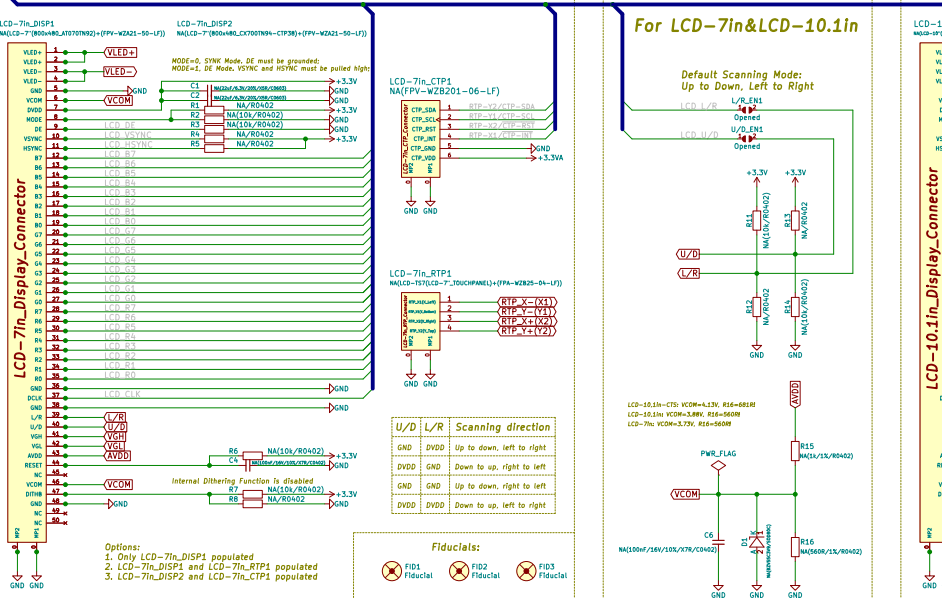


```
LCD-4.3in Backlight: 28V@20mA -> Rset = 4.7R
LCD-5.0in Backlight: 19.8V@40mA -> Rset = 2.26R or (4.7R||4.7R)
LCD-7.0in Backlight: 9.9V@135mA -> Rset = 0.68R or (1.3R||1.3R)
LCD-7.0in-CTS & LCD-10.1in Backlight: 9.6V@180mA -> Rset = 0.5R or (1.0R||1.0R)
LCD-10.1in-CTS Backlight: 10V@260mA -> Rset = 0.36R or (0.68R||0.68R)
```

Populate only if LCD-7in or LCD-10.1in is used!



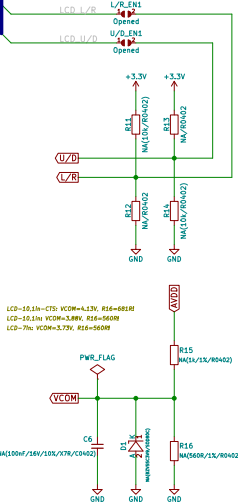
LCD-7in



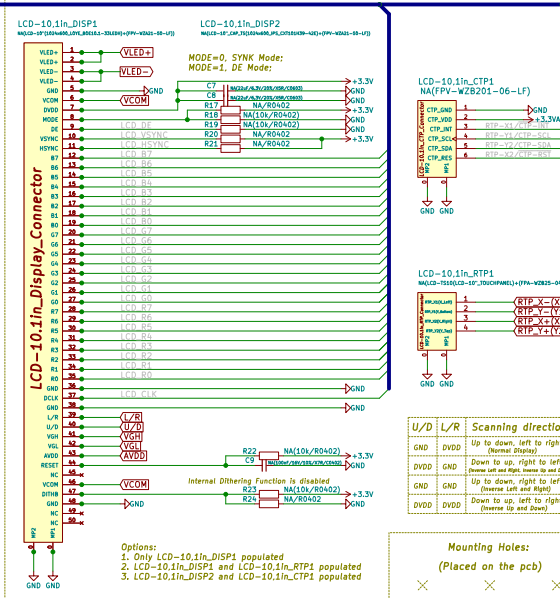
Common

For LCD-7in&LCD-10.1in

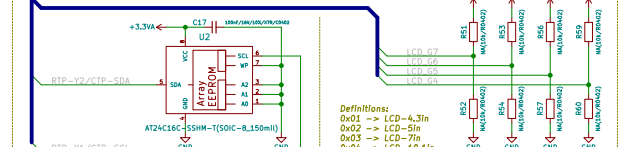
Default Scanning Mode:
Up to Down, Left to Right



LCD-10.1in



LCD Identification



Definitions:

- 0x01 -> LCD-4.3in
- 0x02 -> LCD-5in
- 0x03 -> LCD-7in
- 0x04 -> LCD-10.4in

EEPROM

I2C Address: 0xA0

<c> 2018
OLIMEX LTD, Bulgaria
Sheet: /
File: LCD-DRIVER_Rev.B.sch
Title: LCD_DRIVER

<> 2018
OLIMEX LTD, Bulgaria
Sheet: /
File: LCD-DRIVER_Rev_B.sch
Title: LCD-DRIVER

Size: A2	Date: 2018-06-14	Rev: Rev_B
KiCad E.D.A.	kiCad 6.0.0-rc1-unknown-7c77b924ubuntu16.04.1	Id: 1/1