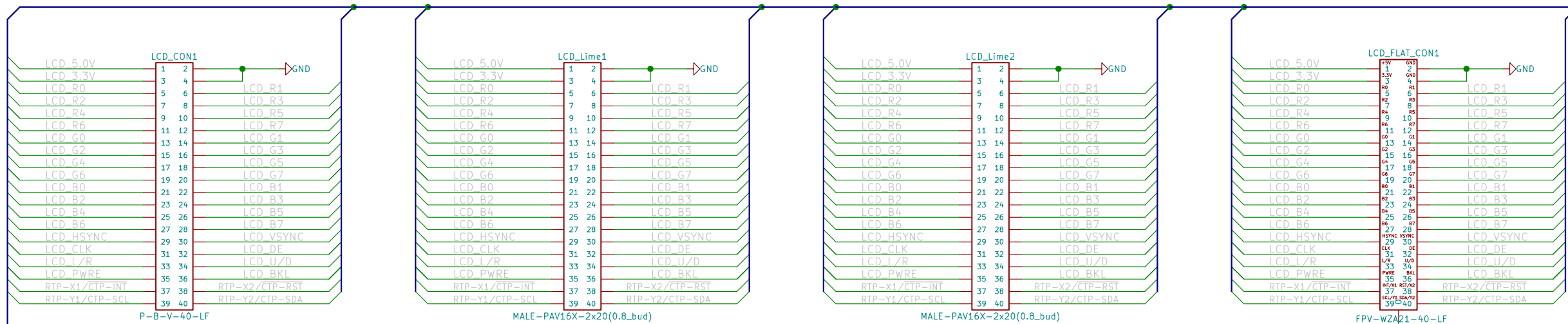
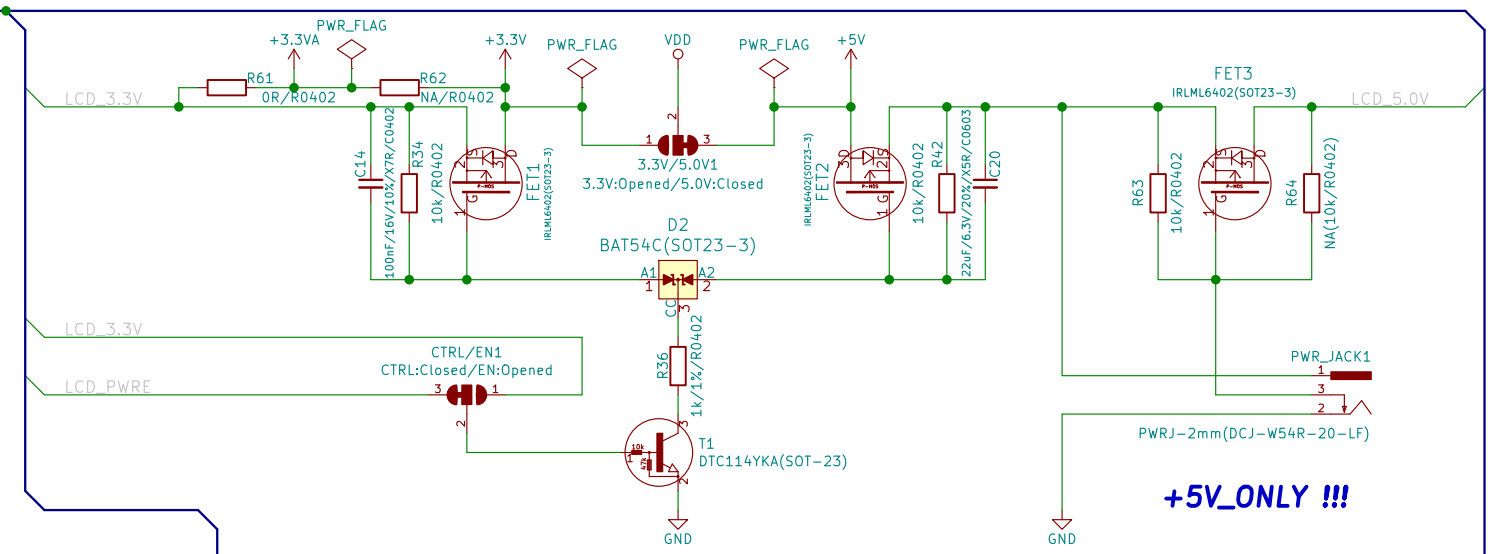


# Input Connectors



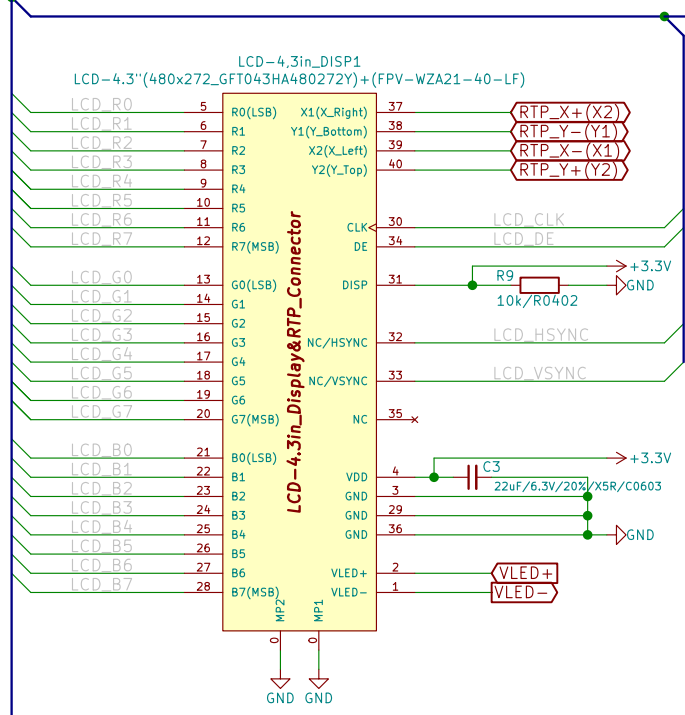
Touch Screen – by default: CTP

# Power Supply Control

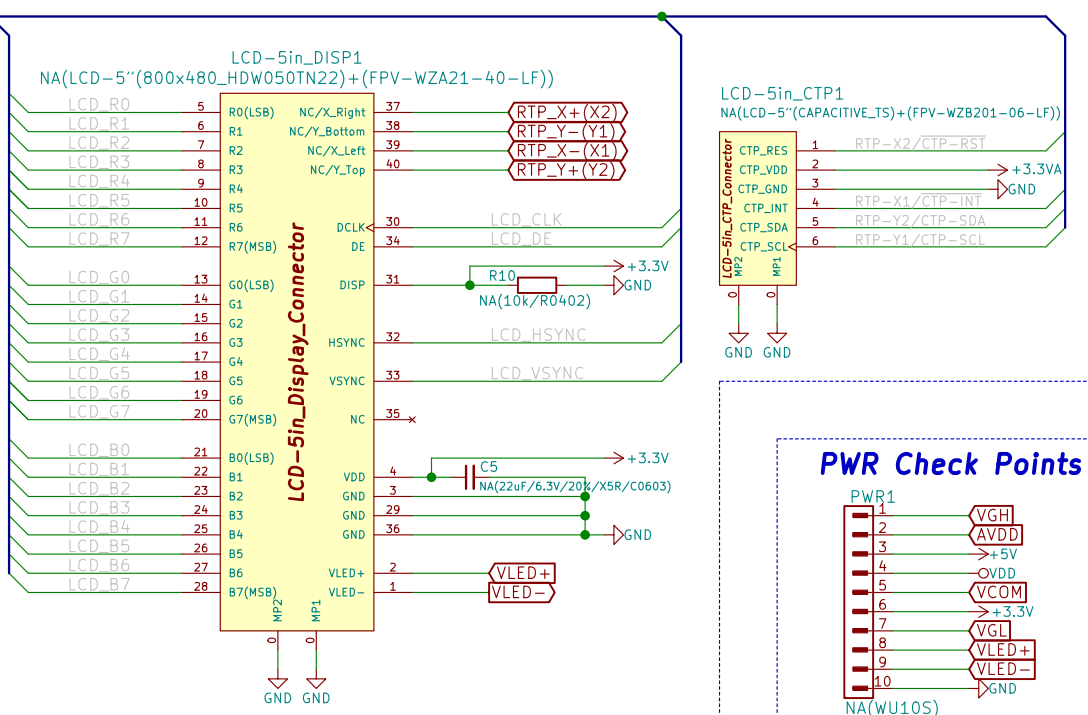


+5V\_ONLY !!!

## LCD-4.3in



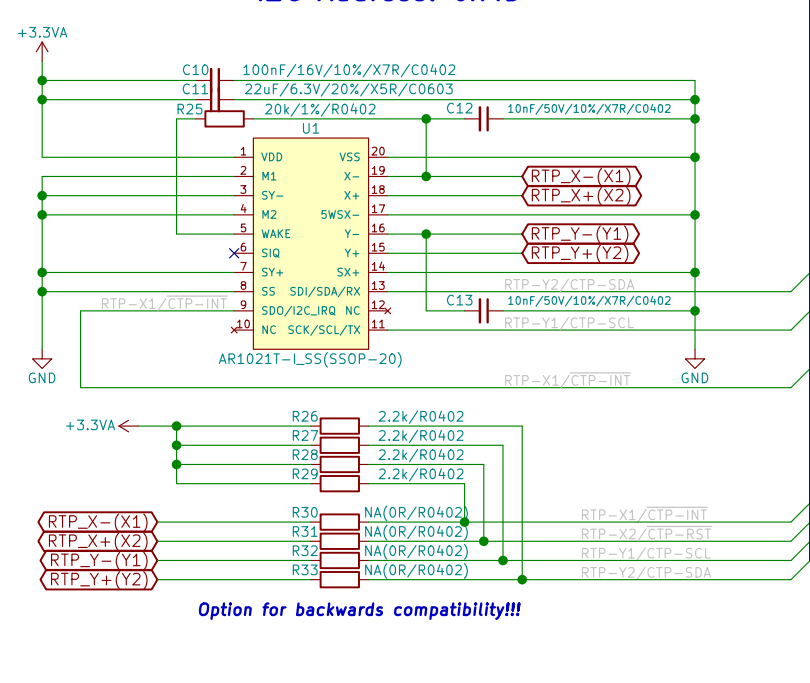
## LCD-5in



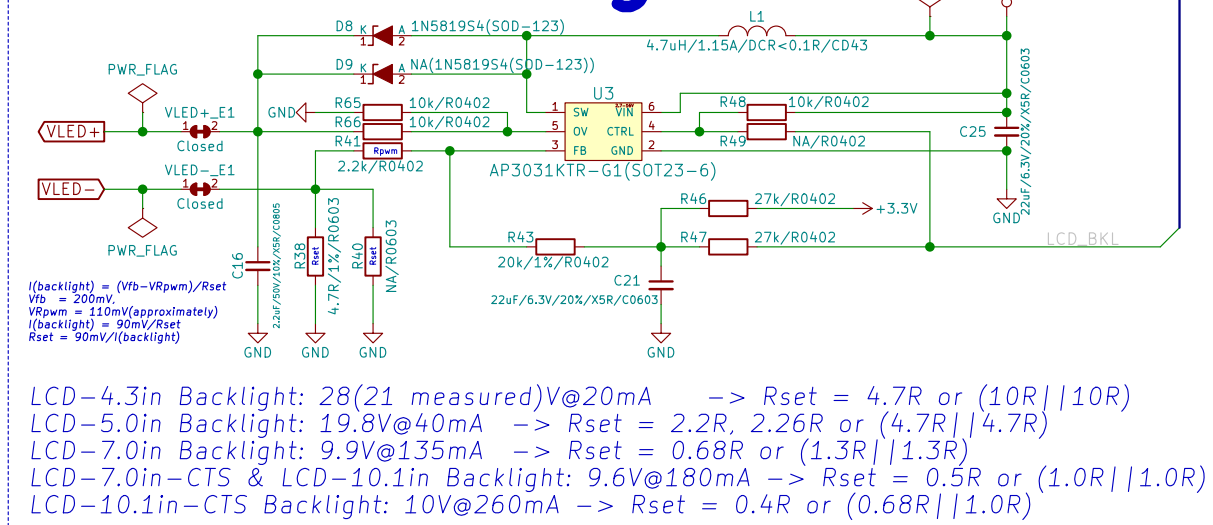
Options:  
1. Only LCD-5in\_DISP1 populated  
2. LCD-5in\_DISP1 and LCD-5in\_CTP1 populated

## Resistive Touch Screen Controller

I2C Address: 0x4D



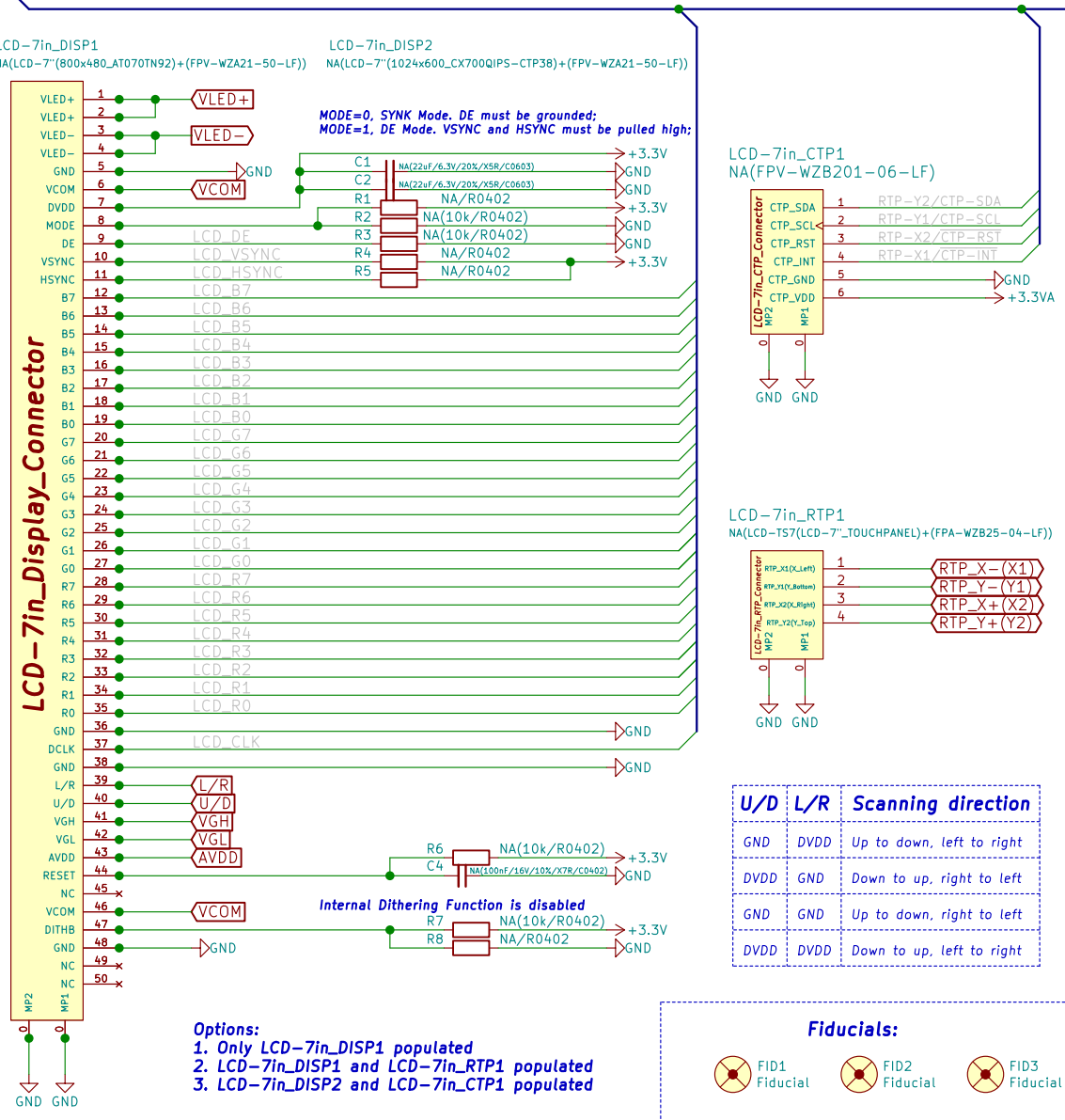
## Backlight



LCD-4.3in Backlight: 28(21 measured)V@20mA -> Rset = 4.7R or (10R|10R)  
LCD-5.0in Backlight: 19.8V@40mA -> Rset = 2.2R, 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 = 0.4R or (0.68R|1.0R)

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

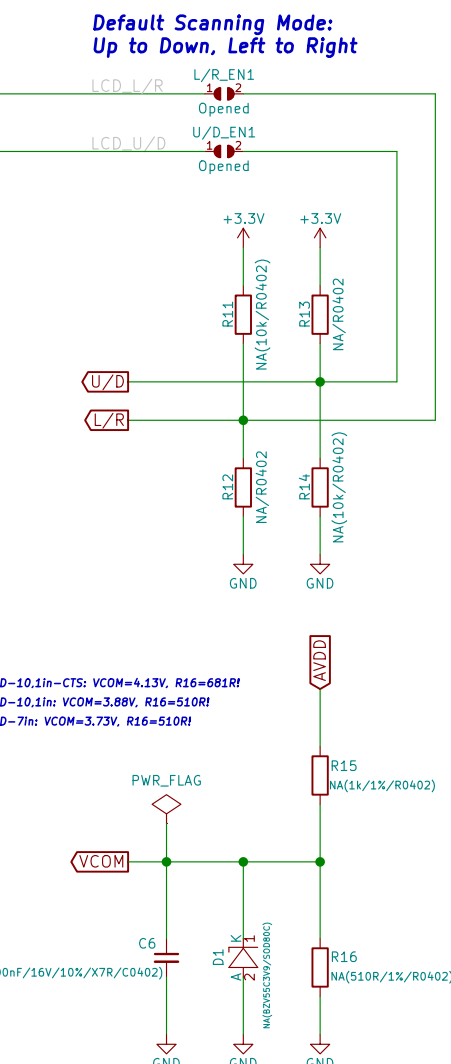
## LCD-7in



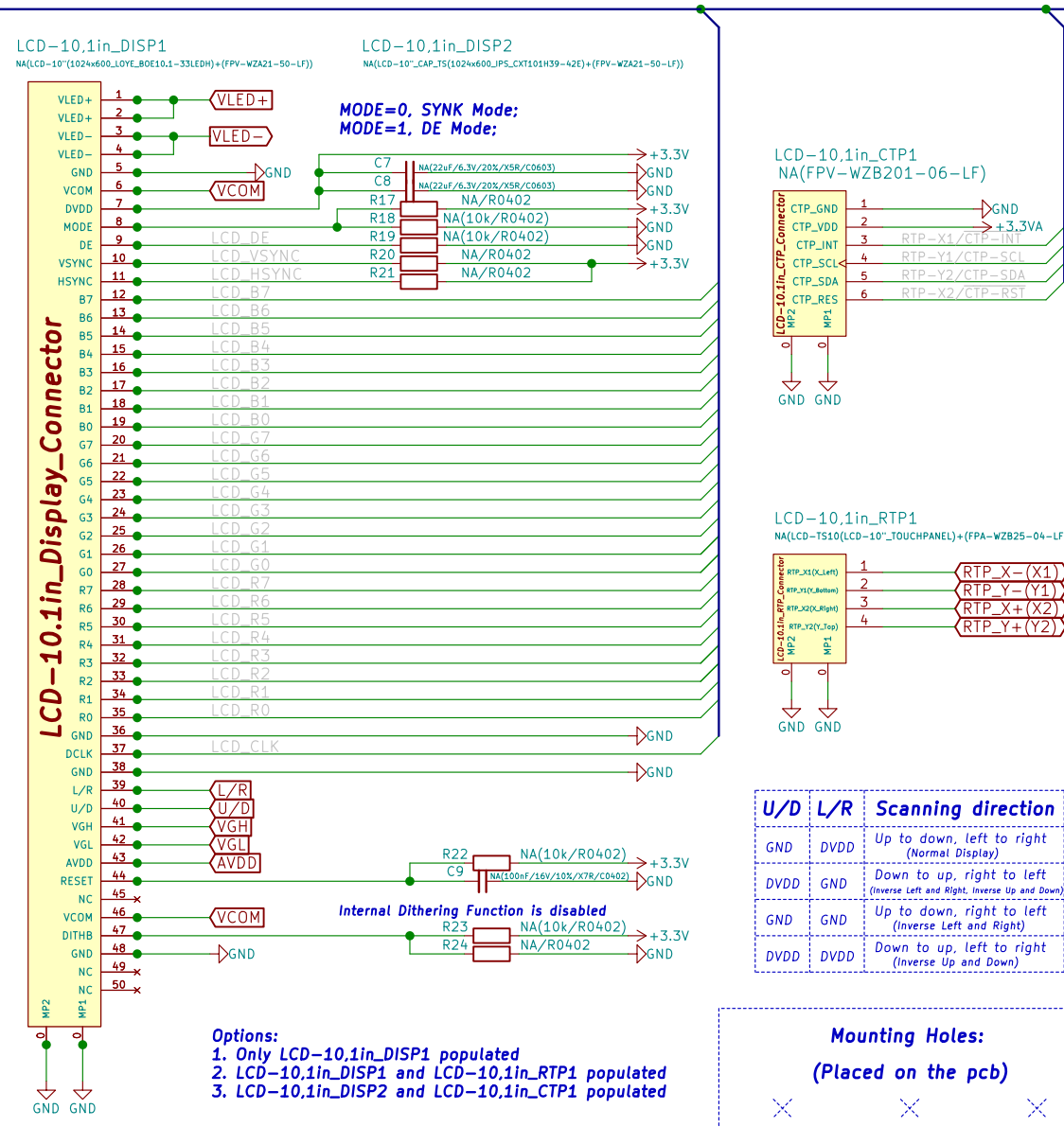
## Common

For LCD-7in&LCD-10.1in

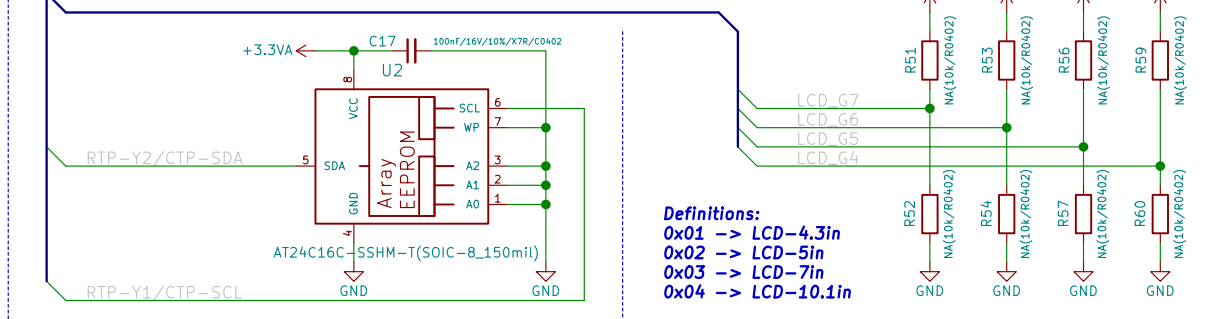
Default Scanning Mode:  
Up to Down, Left to Right



## LCD-10.1in



## LCD Identification



EEPROM  
I2C Address: 0xA0

OLIMEX LTD, Bulgaria  
Sheet: /  
File: LCD-DRIVER\_Rev.D.sch  
Title: LCD-DRIVER  
Size: A2 Date: 2019-07-29  
KiCad E.D.A. kicad 5.1.0-rc2-unknown-036be7d80ubuntu16.04.1  
Rev: Rev\_D  
Id: 1/1