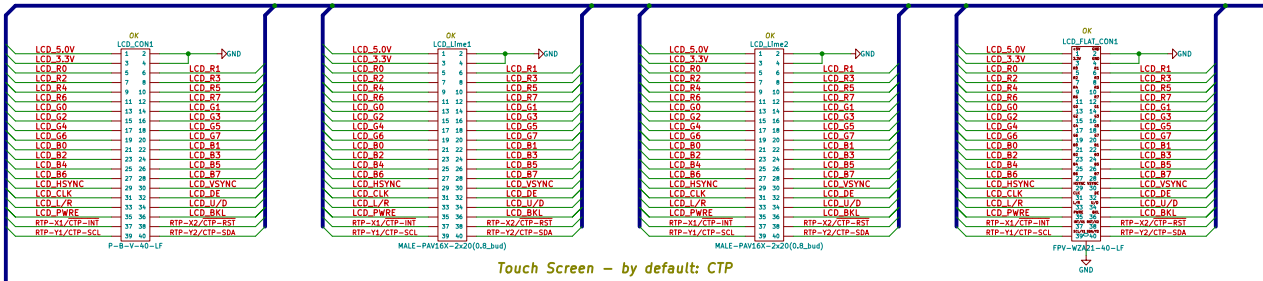
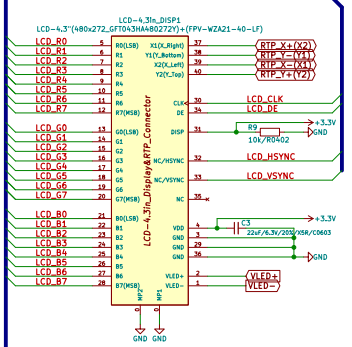


# Input Connectors

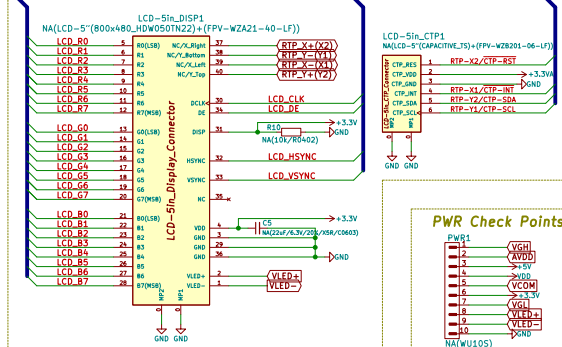


Touch Screen – by default: CTP

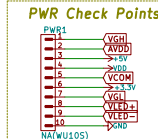
## LCD-4.3in



## LCD-5in

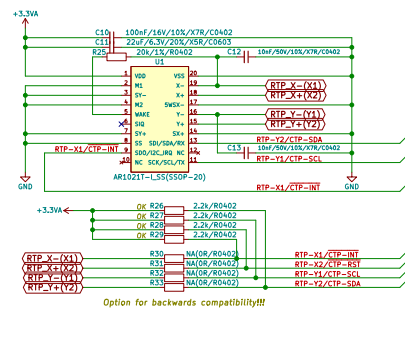


Options:  
1. Only LCD-5in\_DISP1 populated  
2. LCD-5in\_DISP1 and LCD-5in\_CTP1 populated

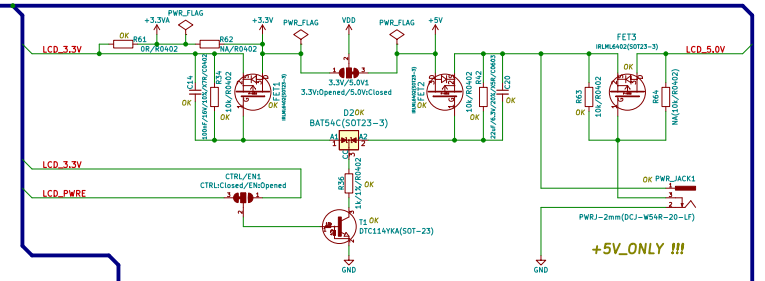


## Resistive Touch Screen Controller

I2C Address: 0x4D

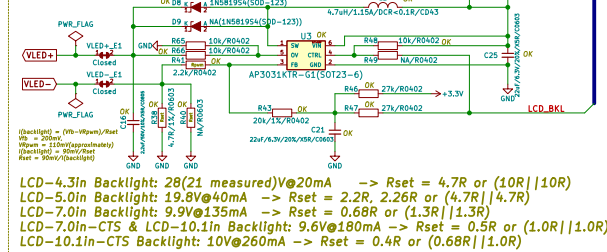


# Power Supply Control

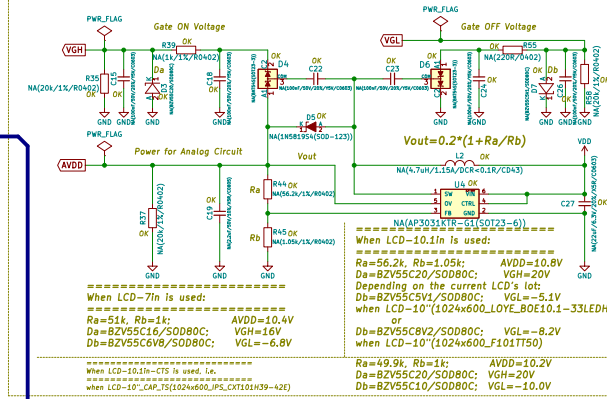


+5V ONLY !!!

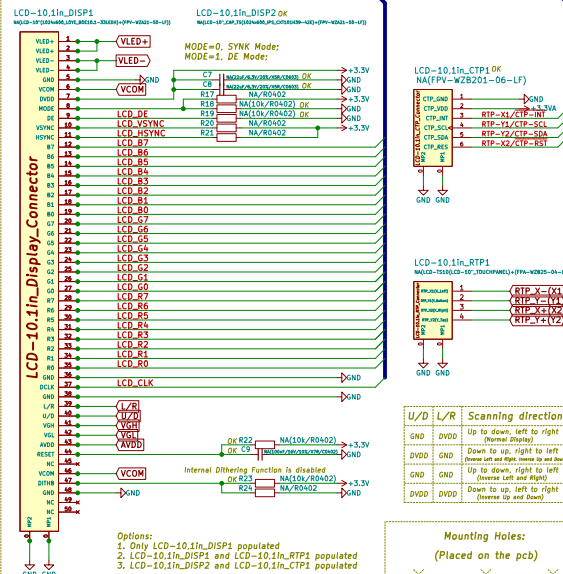
## Backlight



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



## LCD-10.1in



U/D	L/R	Scanning direction
DVDD	DVDD	Up to down, left to right (Normal Display)
DVDD	DVDD	Down to up, right to left (Inverse Left and Right)
DVDD	DVDD	Up to down, right to left (Inverse Left and Right)
DVDD	DVDD	Down to up, left to right (Inverse Left and Right)

Options:  
1. Only LCD-10.1in\_DISP1 populated  
2. LCD-10.1in\_DISP1 and LCD-10.1in\_RTP1 populated  
3. LCD-10.1in\_DISP2 and LCD-10.1in\_CTP1 populated

## Common

For LCD-7in&LCD-10.1in

Default Scanning Mode:  
Up to Down, Left to Right

LCD L/R

LCD U/D

Opened

Internal Dithering Function is disabled

Internal Dithering Function is disabled

Internal Dithering Function is disabled

Internal Dithering Function is disabled

Internal Dithering Function is disabled

Internal Dithering Function is disabled

Internal Dithering Function is disabled

Internal Dithering Function is disabled

Internal Dithering Function is disabled

Internal Dithering Function is disabled

Internal Dithering Function is disabled

Internal Dithering Function is disabled

Internal Dithering Function is disabled

Internal Dithering Function is disabled

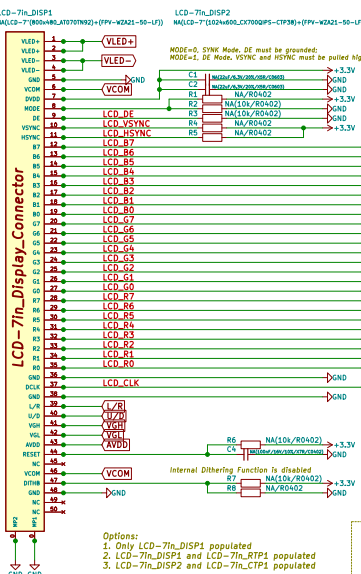
Internal Dithering Function is disabled

Internal Dithering Function is disabled

Internal Dithering Function is disabled

Internal Dithering Function is disabled

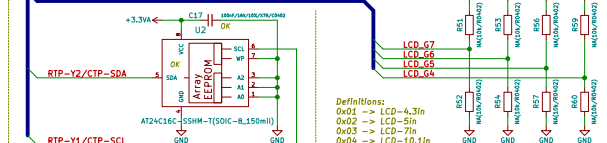
## LCD-7in



Options:  
1. Only LCD-7in\_DISP1 populated  
2. LCD-7in\_DISP1 and LCD-7in\_RTP1 populated  
3. LCD-7in\_DISP2 and LCD-7in\_CTP1 populated

Fiducials:  
FID1 Fiducial  
FID2 Fiducial  
FID3 Fiducial

## LCD Identification



EEPROM  
I2C Address: 0xA0