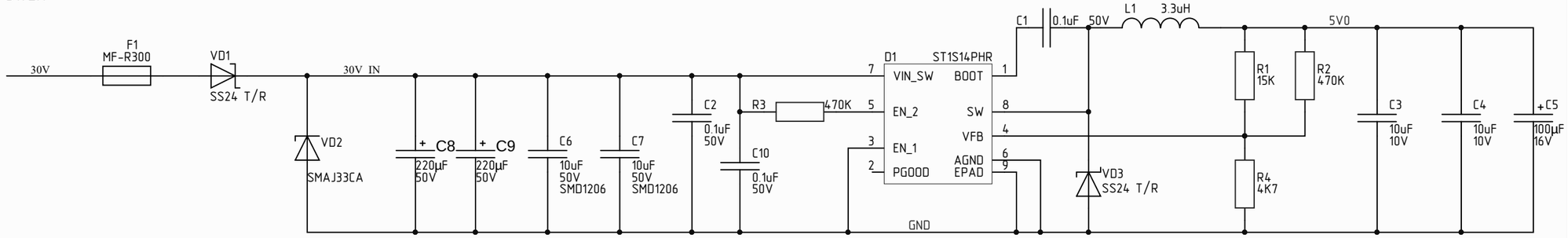
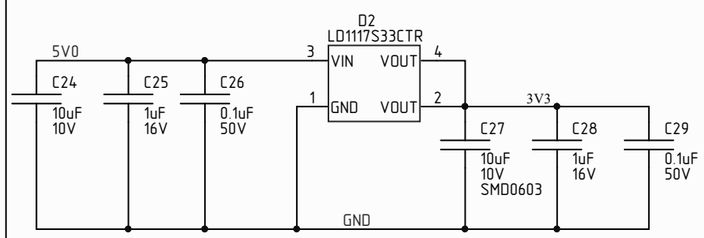
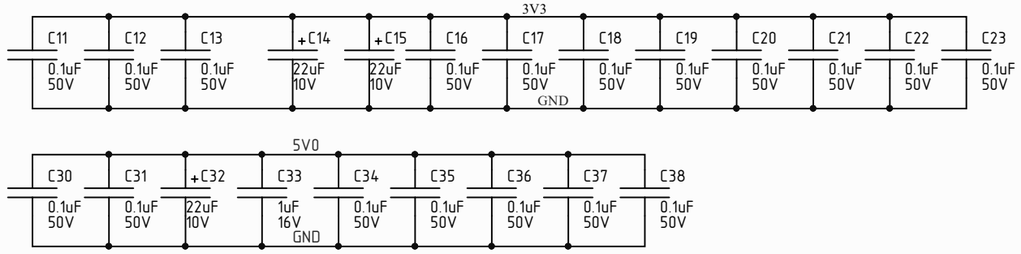
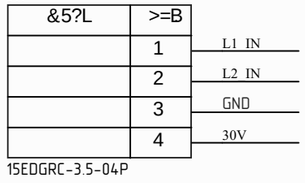
POWER



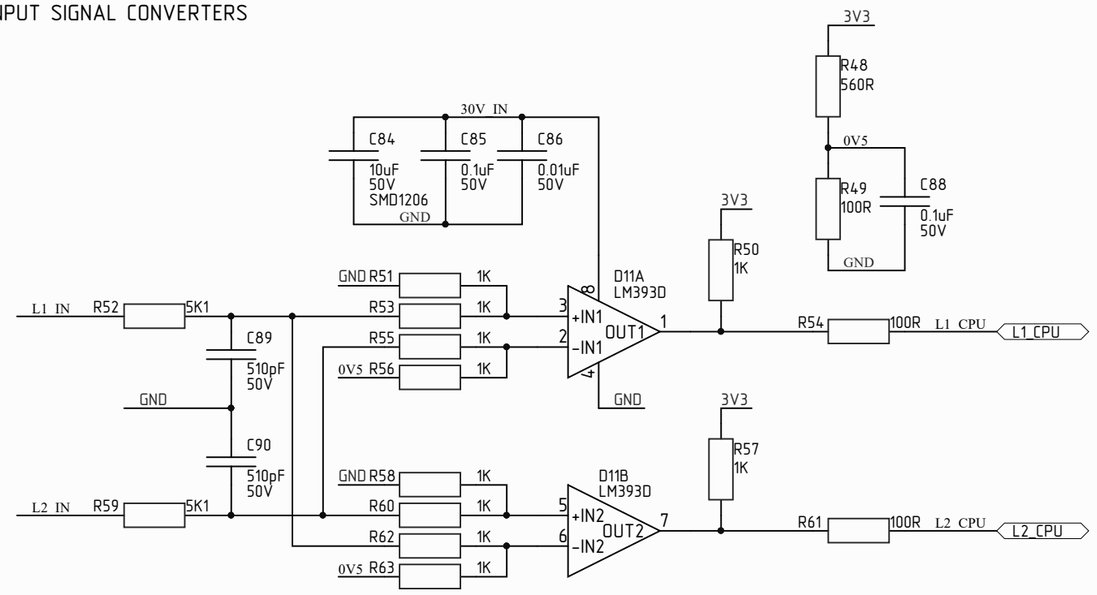




EXTERNAL CONNECTOR



INPUT SIGNAL CONVERTERS



30V_IN 30V_IN
3V3 3V3
5V0 5V0
GND GND

7<	8AB	! 4>:C<		>4?	0B0

.123456.001 -3

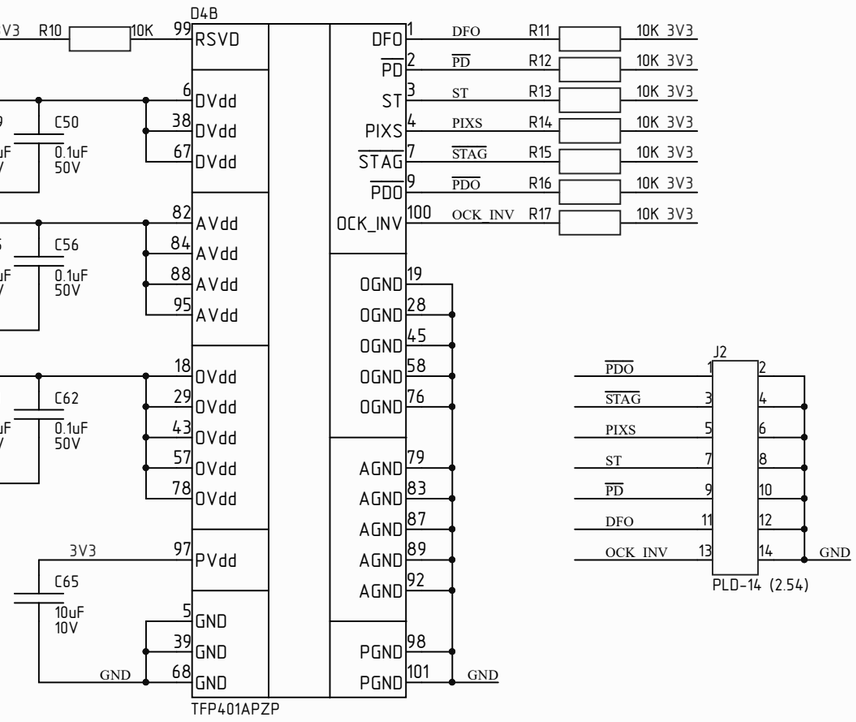
8AB 1

2.106-A3

>?8@20;

$>@<0B 3

HDMI TO RGB CONVERTER POWER



GND GND

3V3 3V3

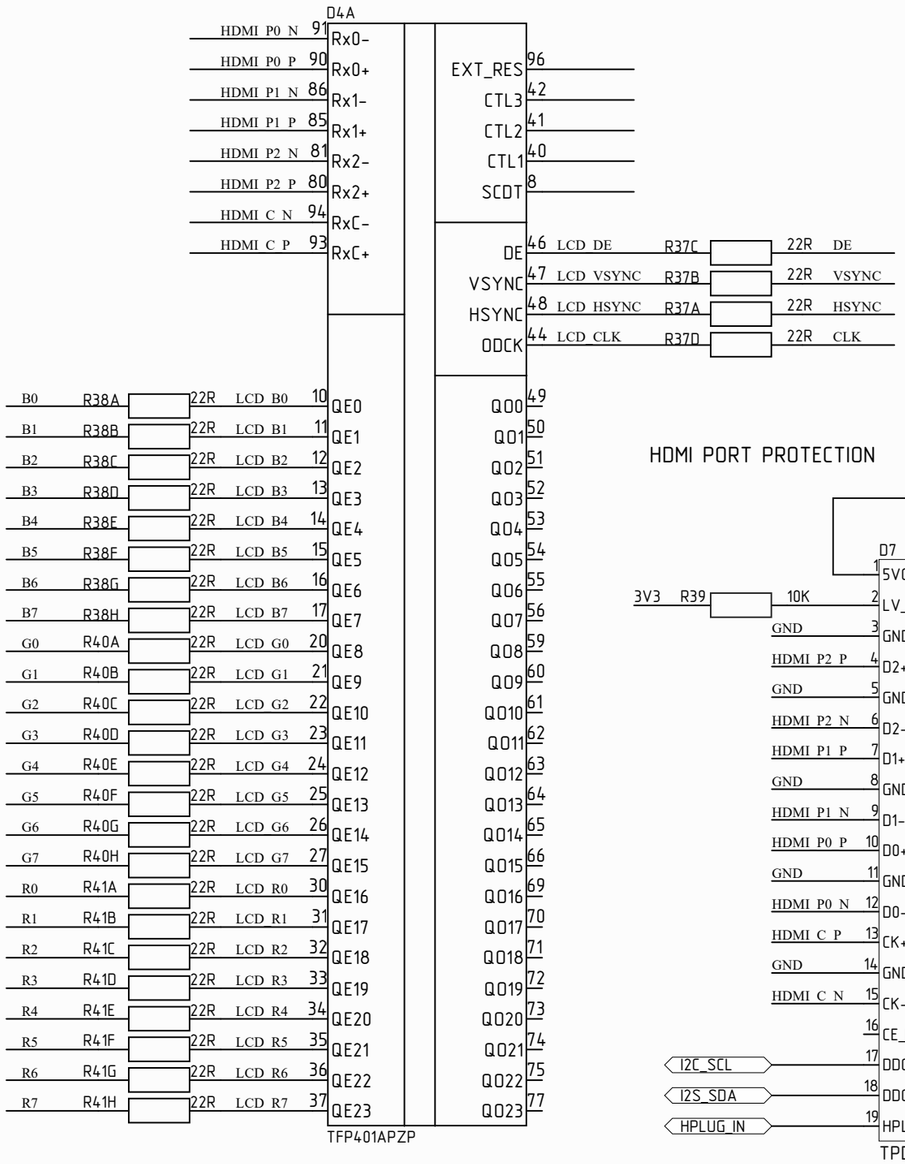
					.123456.001 -3	8AB
7<	8AB	! 4>:C<	>4?	0B0		2

2.106-A3

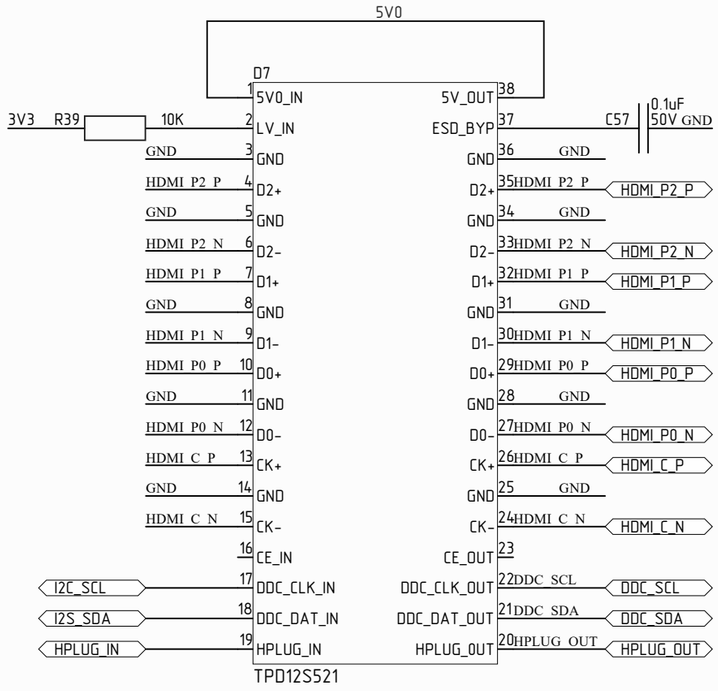
>?8@20;

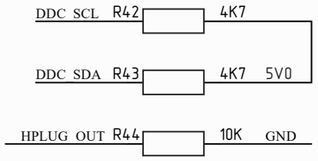
$>@<0B 3

HDMI TO RGB CONVERTER

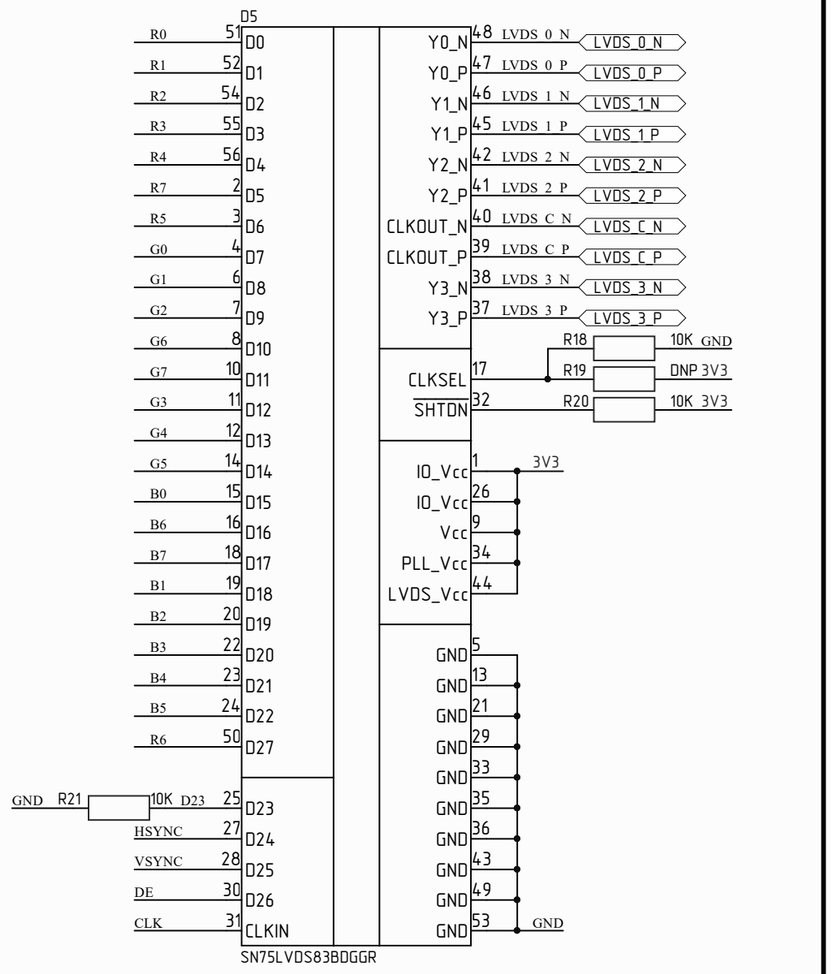


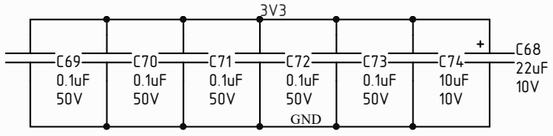
HDMI PORT PROTECTION





RGB TO LVDS CONVERTER



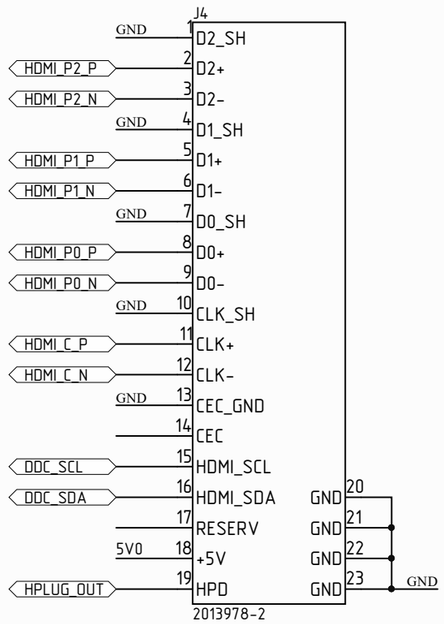


7<	8AB	! 4>:C<	>4?	0B0	.123456.001 -3

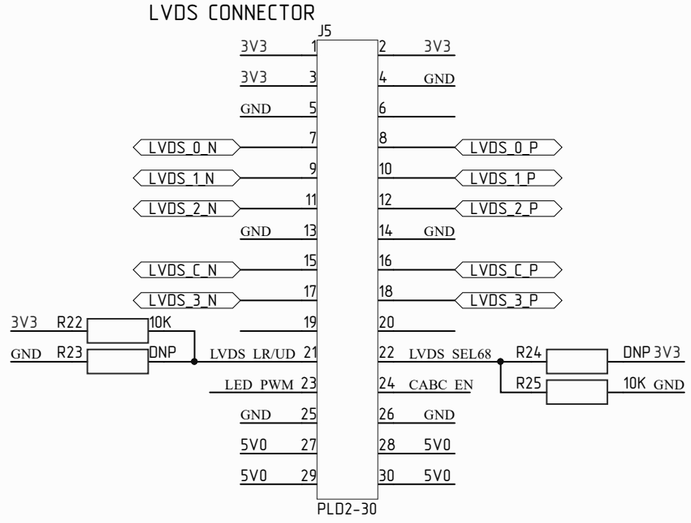
8AB
4

>4? 8 40B0
=2! 4C1:;
70< 8=2!
>4?. 8 40B0
=2! ?>4:;

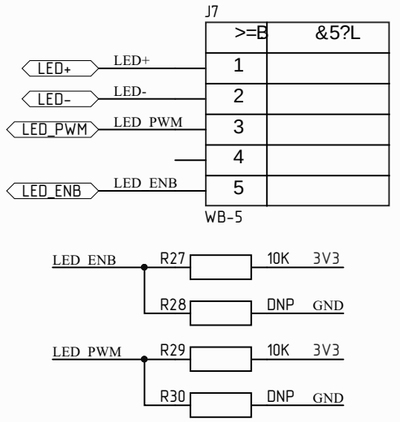
HDMI CONNECTOR



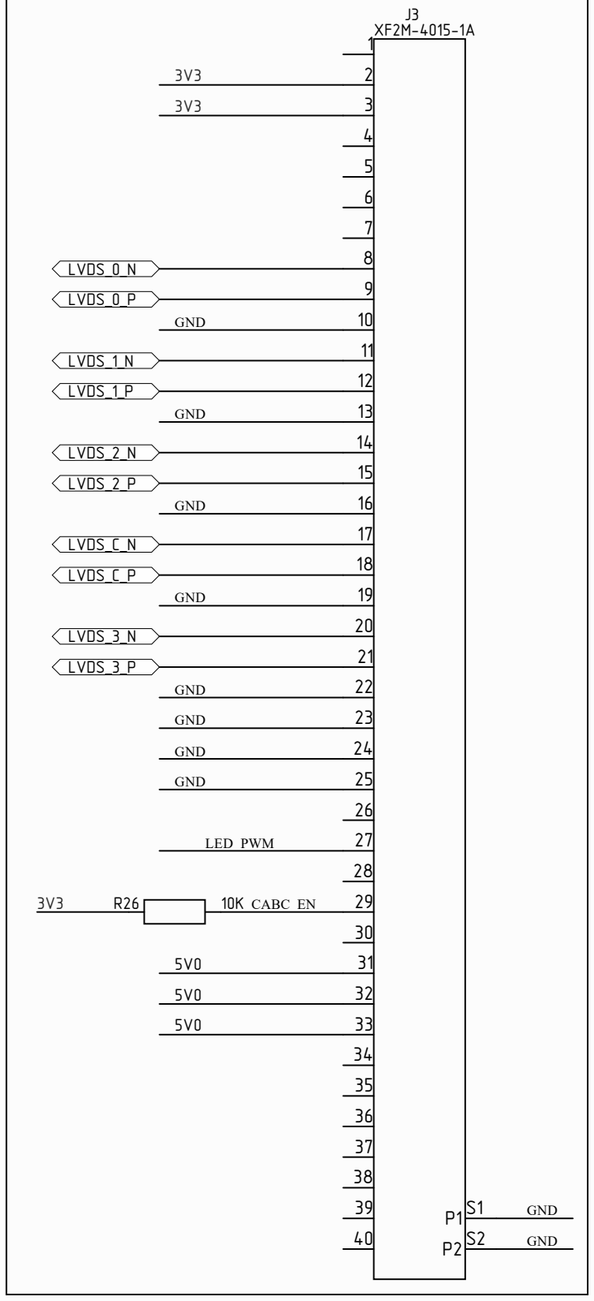
LVDS CONNECTOR



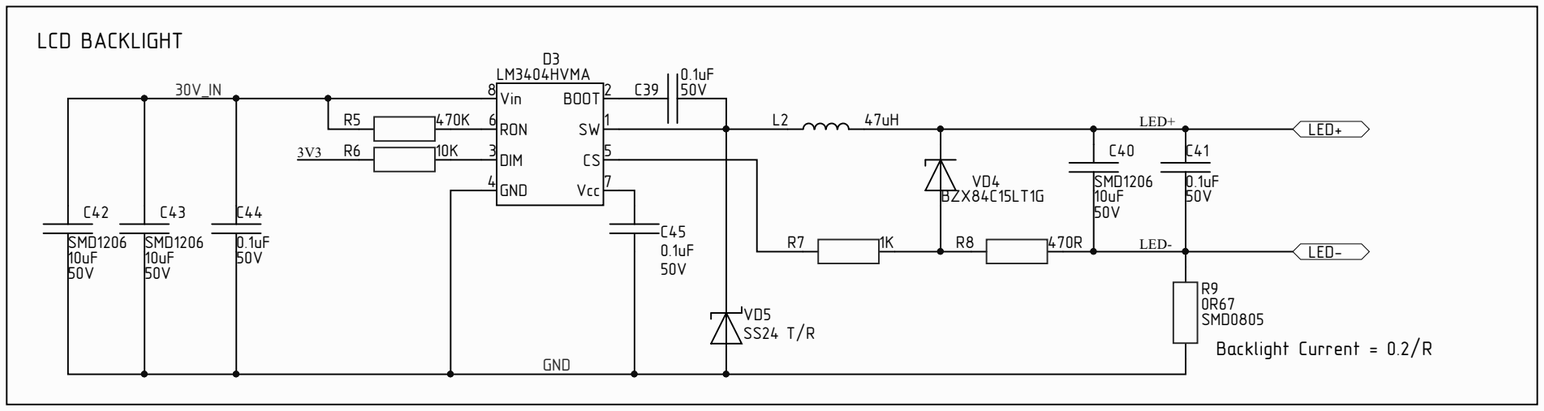
BACKLIGHT CONNECTOR



EJ101A-01F



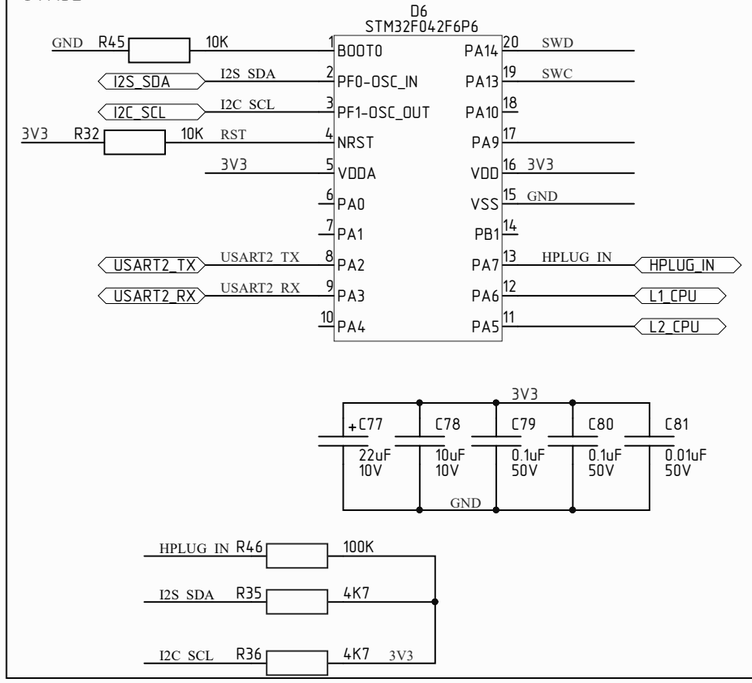
LCD BACKLIGHT



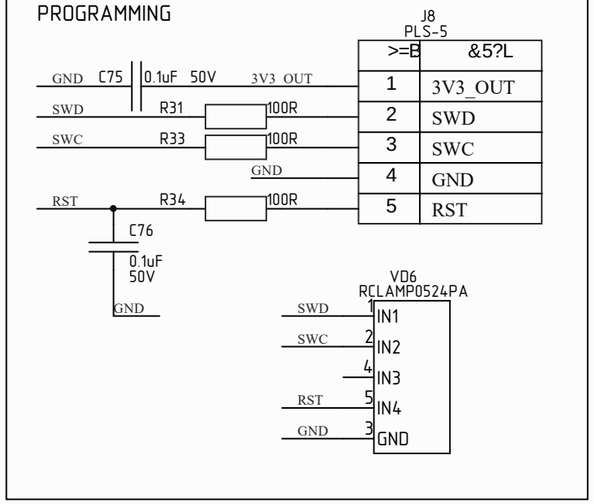
30V_IN 30V_IN
3V3 3V3
GND GND
5V0 5V0

					.123456.001 -3	8AB
7<	8AB	! 4>:C<	>4?	0B0		5

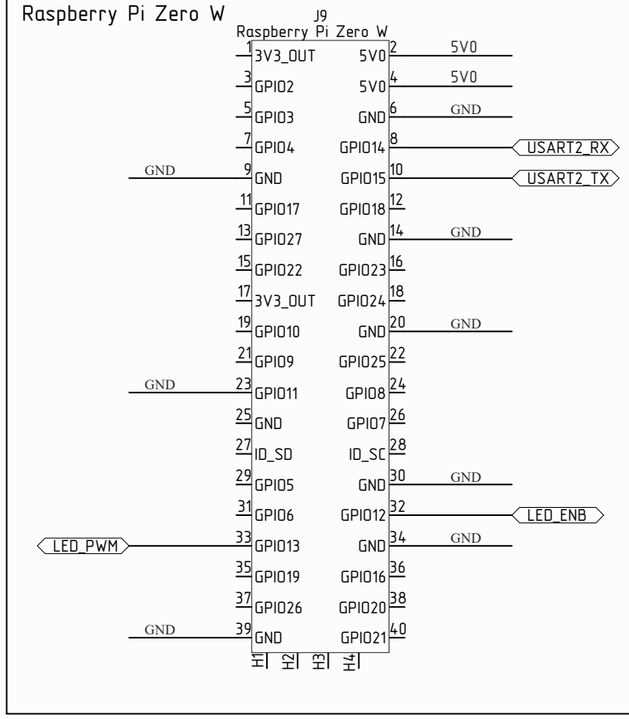
STM32



PROGRAMMING



Raspberry Pi Zero W



3V3 — 3V3
5V0 — 5V0
GND — GND

7<	8AB	!	4>:C<	>4?	0B0	.123456.001 -3

8AB 6

>4? 8 40B0 | =2! 4CL;. | 70< 8=2! | >4? 8 40B0 | =2! ?>4;.