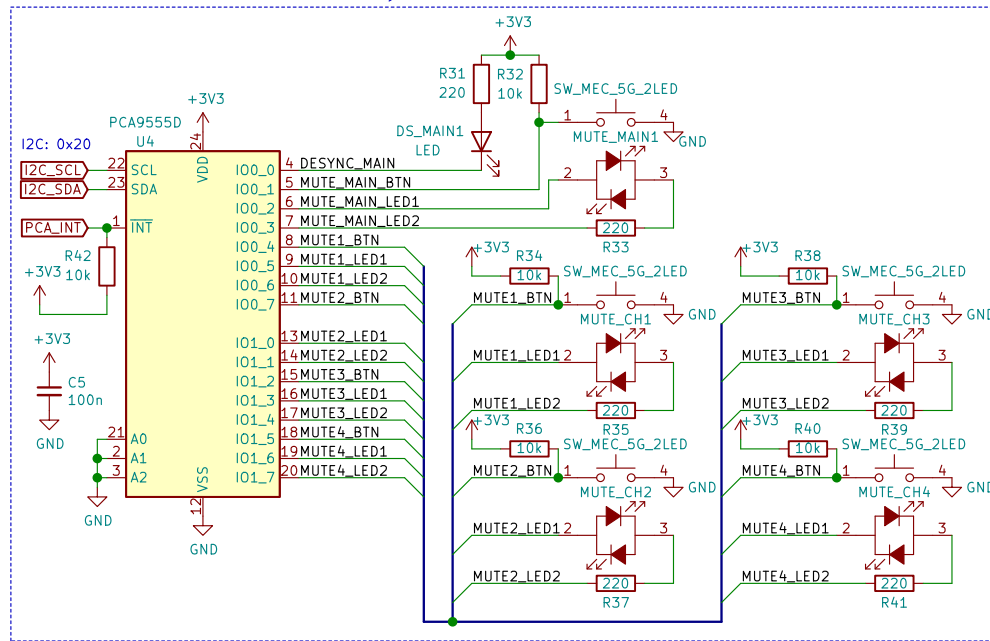


J1 Conn_02x16_Odd_Even

Pin	Function
1	DISP_BL
3	DISP_RST
5	DISP_CS
7	DISP_CS
9	DISP_CLK
11	DISP_DIN
13	
15	
17	+3V3
19	GND
21	
23	CH1
25	CH2
27	CH3
29	CH4
31	MAIN
2	VOL1
4	VOL2
6	VOL3
8	VOL4
10	I2C_SCL
12	I2C_SDA
14	
16	MAINVOL_SRCLK
18	MAINVOL_RCLK
20	MAINVOL_SER
22	PCA_INT
24	
26	
28	
30	
32	

Additional components and connections shown in the diagram:

- Capacitor C7: 100uF, connected between pins 17 and 19.
- Capacitor C7: 100uF, connected between pins 24 and 26.
- Capacitor C7: 100uF, connected between pins 28 and 30.
- Capacitor C7: 100uF, connected between pins 32 and 30.
- Capacitor C7: 100uF, connected between pins 32 and 30.



The diagram shows the connection of the LCD module to the microcontroller. The module is labeled 'Waveshare_LCD_240X240' and 'VCC1'. The connections are as follows:

- Power:** +3V3 and GND. A 100nF capacitor (C6) is connected between +3V3 and GND.
- Control Signals:**
 - DISP_DIN (1)
 - DISP_CLK (2)
 - DISP_CS (3)
 - DISP_RST (4)
 - DISP_BL (5)
- Data Bus:**
 - DIN (6)
 - CLK (7)
 - CS (8)
 - DC (9)
 - RST (10)
 - BL (11)

Rev: 1.0
Id: 1/1