



# ROSi LCD

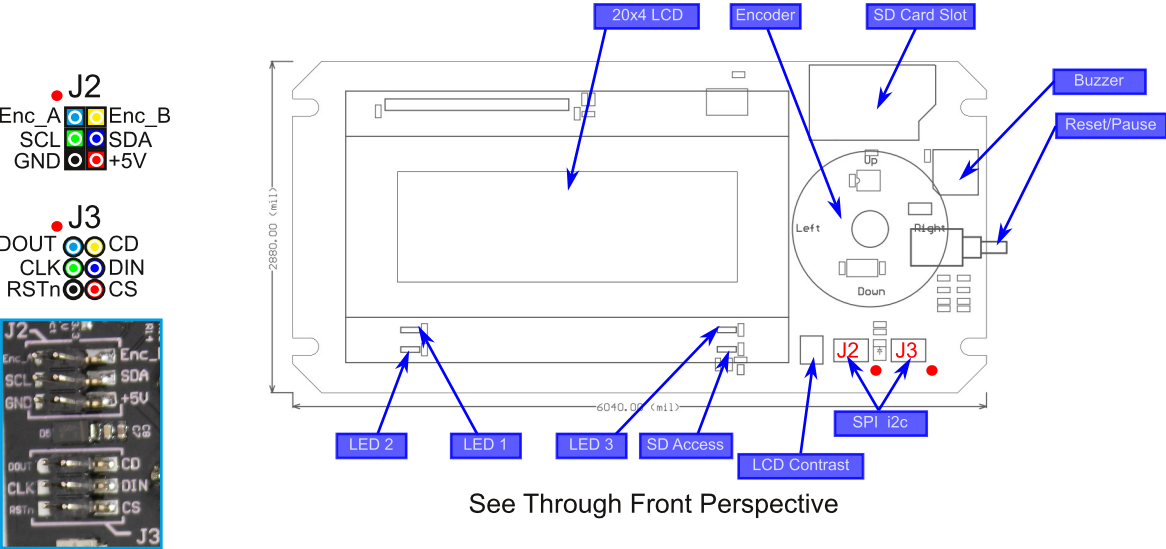
NEW ROSi "Robotic Operating System Interface" LCD controller for RAMBO/RAMPS



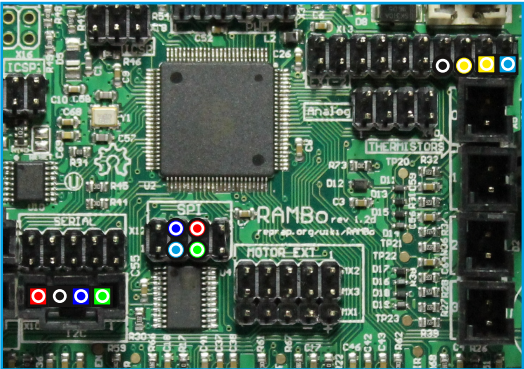
## ROSi LCD Features

- 20x4 Text LCD white text on black background
- FULL size SD slot, card inserted from top
- Encoder with Center button and D-pad
- Pause/Reset button with header pads
- i2c LCD control, SPI SD card control
- 4 indicator LEDs, one showing SD card access
- Repetier and Marlin support using VIKI LCD config
- Buzzer/Speaker Support
- OEM label ready panel mount

## ROSi LCD Connections



## ROSi LCD RAMBo 1.2/1.3 Wiring



```

Marlin Software Rambo PCB Pinout Configuration
//arduino pin which triggers an piezzo beeper
#define BEEPER 79 // Beeper on AUX-4
#define LCD_PINS_RS 70
#define LCD_PINS_ENABLE 71
#define LCD_PINS_D4 72
#define LCD_PINS_D5 73
#define LCD_PINS_D6 74
#define LCD_PINS_D7 75
//buttons are directly attached using AUX-2
#define BTN_EN1 76
#define BTN_EN2 77
#define BTN_ENC 81 //the click
#define SDCARDETECT 82
  
```