Transparent three legged sensors must be fitted with the flat surface at the rear and the little dome pointing overthe board and towards the laser. Connecting them incorrectly WILL destroy them.

V2.2.3 Wiring colours harmonised. New 3 Laser design Light sensor added

Diagram showing optional LCD and light sensor.

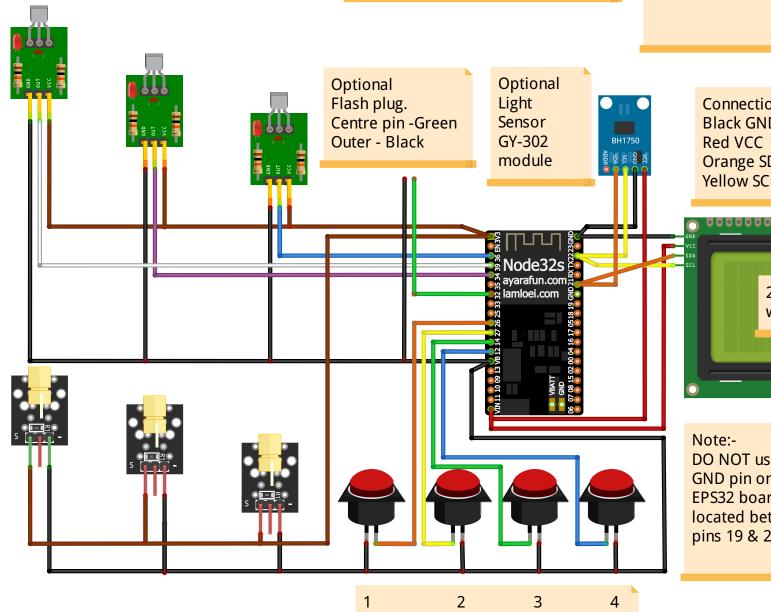
Note: Can be built with tft screen, or LCD or both tft screen and LCD.

Light sensor is optiona.

Caution To avoid sensor damage, wire up the rx modules BEFORE plugging the transparent senors into them. Double check wiring BEFORE powering up the board & ensure LEDs light. Then de-power the board and insert sensors ENSURING the sensor is fitted the correct way

Varients of sensor boards means the 'VCC', 'S' or '+' and 'GND' or ' -' might be the other way around, compared to this diagram.

round.



Connections to iic on rear of LCD Black GND Orange SDA - 21 Yellow SCL - 22

2004 LCD with iic module

DO NOT use the GND pin on the EPS32 board, that is located between pins 19 & 21.