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.

V2.2.2 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.

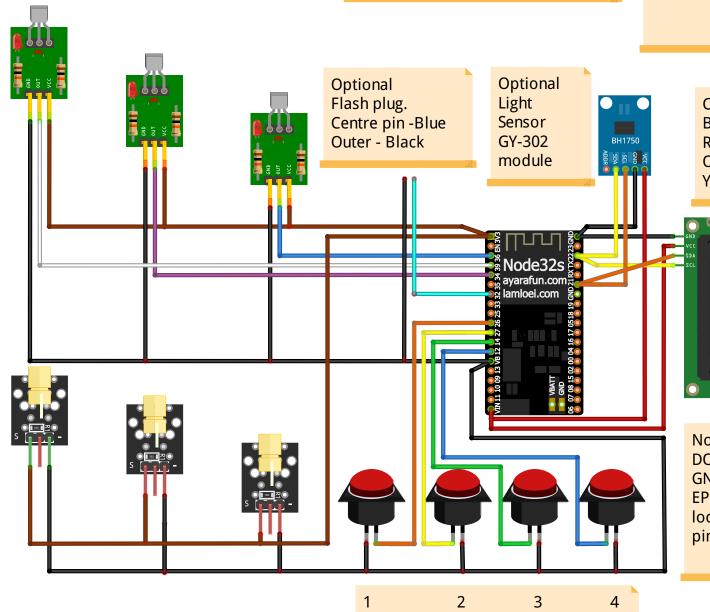
Light sensor is optiona.

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

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

the correct way

round.



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



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