V1.1

Below are links to the parts required to make the Arduino Shutter Tester.

Links are valid now, but of course could become dead in the future.

Links are (mainly) for UK suppliers and are for a guide only. Use a supplier from your country

Ordering from China either from eBay sellers or AliExpress, the parts will be much cheaper, but delivery times longer

Note, often if buying from AliExpress, there is an express shipping option, if buying parts over a set value.

Arduino Nano V3. This one is pre-soldered. Many are not and require the purchaser to solder the header pins themselves. Ensure you choose the correct one.

Arduino Nano V3.0 Programable ATmega328P 5V 16MHz Arduino (soldered) UK Based | eBay

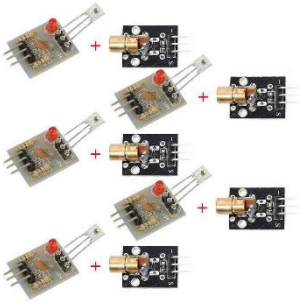
Arduino Nano prototype board.

GB Arduino Pro Nano Breakout Board Screw Terminal Shield ALREADY SOLDERED - UK 8377583775024 | eBay

Laser tx & rx module. Two sets required. The sensor is supplied loose. ENSURE YOU INSERT IT THE CORRECT WAY ROUND!!!. Little bubble lens points towards the header pins.

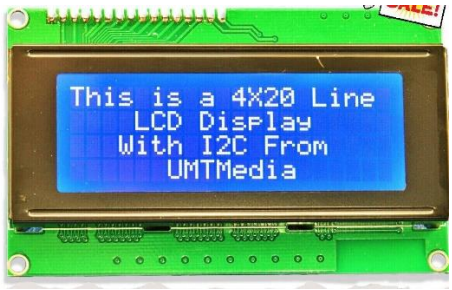
***Note:- link is for a China supplied pack of 5 pairs*.** UK prices are far too high, I could not find a reasonably priced tx & rx pair in the UK when compiling this list.

Laser Receiver Sensor and KY-008 Transmitter Module Pair Set 10pcs for Arduino | eBay



LCD. Ensure you get a module that includes the IIC or I2C module and is the four line (not two line) display. You can save money and not buy the LCD. The code also prints the results to the PC screen.

IIC/I2C/TWI 2004 20X4 Character LCD Module Display For Arduino Blue Serial 5056517066560 | eBay



Buttons. Only two buttons required for Arduino version, this has four. There are all sorts of buttons available, feel free to choose different ones depending on your final design.

[4 Button Key Module Switch Keyboard Push Button Switch Board 7018965086109 | eBay]

Dupont wires. Purchase female to male ones, if using the prototype board above.
30cm or 40cm are suggested for connection to the sensors.
Shorter wires 10 or 20cm can be used for connection to the buttons & LCD.

[40PCS DUPONT JUMP WIRES M-F M-M F-F JUMPER BREADBOARD CABLES FOR DIY ARDUINO | eBay]