
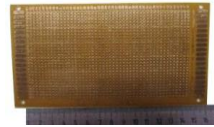


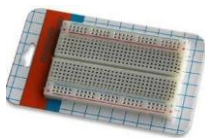

























VSE Laboratories  
 Arduino and Electronic  
 Experiments Component

Model No.	Items	UOM	Qty
UNO R3 development board improved version		EACH	1
5x7cm DIY Prototype Paper PCB Universal Circuit Breadboard		EACH	1
LCD1602 HD44780 Character LCD Display Module LCM Blue Backlight 16x2 for arduino		EACH	1
Breadboard 170 Tie-points		EACH	1
400 Tie Points Bread board ( Non-Transparent)		EACH	1
Breadboard 830 Point Solderless PCB Bread Board MB-102		EACH	1
SYB-500 Bread Board Breadboard DIY Solderless PCB (4*700Tie Point)		EACH	0
3.3V/5V Breadboard power module		EACH	1
Breadboard Jumper Wires Male to Male		SET	1
30cm Female to Female 40Pin Solderless Jumper Breadboard Wires		SET	1
30cm Male TO Female 40Pin Solderless Jumper Breadboard Wires		SET	1
30cm Male TO Male 40Pin Solderless Jumper Breadboard Wires		SET	1

Resistors 1% ¼W 100Ω, 1K, 4.7 K, 10k, 47K, 100K, 1M		EACH	70
Resistors 5% ½W 47 Ohm		EACH	20
5549 photoresistor		EACH	5
8pF 10pF 15pF 47pF 680pF 4700pF 22nF 33nF 68nF 100nF 10 each		EACH	120
Electrolytic capacitor 47 mf		EACH	10
3mm LED light - Red, Green, Blue, Yellow, White 16 each		EACH	80
SW-520D Double Ball Switch		EACH	1
Flame Sensor		EACH	1
IR Infrared Receiver TL1838 VS1838B 38Khz		EACH	1
LM35DZ TO-92 temperature sensor		EACH	1
Single Row 2.54 mm Pitch / 1*40 Pin		EACH	1
TTL IC 7400-NAND 7402-NOR 7404-INVERTER 7408-AND 7532-OR 7486-EXCLUSIVE-OR Linear 741-Op-Amp 555-Timer		EACH	8

Passive buzzer		EACH	1
Active Buzzer (5V)		EACH	1
9V battery snap		EACH	1
Power supply Adapter 9V-1A for arduino dedicated		EACH	1
IR mini remote control for Arduino		EACH	1
4* 4 matrix keyboard		EACH	1
Micro switch button		EACH	10
TIP120 TO-220 Darlington Complementary Silicon NPN Power Transistors		EACH	2
TIP127 TO-220 Darlington Complementary Silicon PNP Power Transistors		EACH	2
General Purpose Power PNP Transistor TIP42C		EACH	2
General Purpose Power NPN Transistor TIP41C		EACH	2
General Purpose Signal NPN Transistor		EACH	10

General Purpose Signal PNP Transistor		EACH	2
Bridge Rectifier		EACH	1
Rectifier diode 1N4001		EACH	20
Germanium Diode 1N60P		EACH	1
Soil Hygrometer Detection Module Soil Moisture Sensor of 2 needle		EACH	1
5V MQ-9 Combustible Gas Carbon Monoxide(CO) Sensor Module		EACH	1
MQ-2 Gas Sensor Module Smoke Methane Butane Detection (Blue)		EACH	1
Ultrasonic Sensor HC-SR04		EACH	1
Servo Motor		EACH	1
DC 5V Stepper Motor 28BYJ-48 + ULN2003 Driver Test Module		EACH	1
DHT11 Digital Temperature and Relative Humidity Sensor Module		EACH	1
5V 1 Channel Relay Module Shield for Arduino		EACH	1
SUB TOTAL			395