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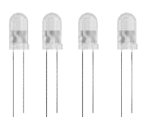




CAN CHOOSE PRODUCT UNDER ORDER VALUE






Package 1 : Electronics Development , Robotics, Internet of Things And Sensors

S. No.	Category	Name	Specification	Quantity	Type	Product Images	Brand Name	Price
1	Electronics Development	Arduino Uno or equivalent	ATmega328P - 8 bit AVR family microcontroller, equivalent or better. Operating Voltage : 5v Digital I/O Pins : 14 (of which 6 provide PWM output), PWM Digital I/O Pins : 6 Accessories : Case shell enclosure, compatible USB cable (length - 6 inch or more)	1	Consumable		Arduino Uno	1073.8
2	Electronics Development	Arduino Nano or equivalent	ATmega328P - 8 bit AVR family microcontroller, equivalent or better. Operating Voltage : 5V , Digital I/O Pins : 14 (of which 6 provide PWM output), Analog Input Pins : 8 , Accessories : Compatible USB cable { length -6 inch or more)	1	Consumable		Arduino Nano	945
3	Electronics Development	Arduino Mega or equivalent	ATmega 2560P - 8 bit AVR family microcontroller, equivalent or better . Operating Voltage: 5V , Digital I/O Pins : 54 (of which 6 provide PWM output) , Analog Input Pins: 16. Accessories : Case shell enclosure, Compatible USB cable (length -6 inch or more)	1	Consumable		Arduino Mega	1800
4	Electronics Development	Raspberry Pi	RASPBERRY PI 3 MODEL B+, equivalent or better. Accessories - MicroSD card - 32 GB, USB 3.0 cable (1 meter), HDMI to VGA - 1 meter, HDMI to VGA adapter, Case shell enclosure	1	Consumable		PY	3500
5	Electronics Development	Breadboards & Mini Breadboard	Solderless 400 pin breadboard	1	Consumable		PY	172
6	Electronics Development	Breadboards & Mini Breadboard	Solderless 800 pin breadboard	1	Consumable		C & D	215
7	Electronics Development	Breadboards & Mini Breadboard	Self-Adhesive Proto Shield	1	Consumable		Dexter Industries	322
8	Electronics Development	General Purpose solderable Board	FR2 A Grade Material (140 x 90 mm)	1	Consumable		Dexter Industries	64
9	Electronics Development	General Purpose solderable Board	FR2 A Grade Material (80 x 55 mm)	1	Consumable		Dexter Industries	21
10	Electronics Development	Berg Strips	Female Berg Strip , 2.54mm pitch, 40 pin single row, breakable pin	1	Consumable		Dexter Industries	21
11	Electronics Development	Berg Strips	Male Berg Strip . 2.54mm pitch, 40 pin single row, breakable pin	1	Consumable		EW-High	13
12	Electronics Development	16x2 LCD display	Dot matrix LCD display. 16 characters X 2 lines. 12C	1	Consumable		Trost	644

13	Electronics Development	USB Cables	USB Cable Set (A to B, 12 inch or more)	1	Consumable		HW	129
14	Electronics Development	USB Cables	USB Cable Set (Mini, 12 inches or more)	1	Consumable		RubyCon	129
15	Electronics Development	Battery	9-12V 2000 to 2500 mAh rechargeable battery with 2 chargers. Equivalent or better	1	Consumable		RubyCon	73
16	Electronics Development	Resistor Kit	One kit contains - 30 carbon film resistors of 20 different resistance values each assorted, packaged together and labelled . Wattage: 0.125W to 1W , Values : 0Ω , 1.5Ω , 4.7Ω , 10Ω , 47Ω , 100Ω , 220Ω , 330Ω , 470Ω , 680Ω , 1kΩ , 2.2kΩ , 3.3kΩ , 4.7kΩ , 10kΩ , 22kΩ , 47kΩ , 100kΩ , 330kΩ , 1MΩ	1	Consumable		LDO	129
17	Electronics Development	Capacitor Kit	One kit contains - 20 electrolytic capacitors of 10 different capacitance values each. Assorted kit packaged together and labelled.Values: 10pF, 22pF, 100pF, 1nF, 10nF, 100nF, 1μF, 10μF, 100μF	1	Consumable		Globus/Generic	129
18	Electronics Development	Linear Voltage Regulator	7805, 7812,7809	1	Consumable		Easy Electronics	26
19	Electronics Development	Water Pump module	DC12V 3W Submersible Water Pump	1	Consumable		Robo India	150
20	Electronics Development	Piezoelectric Plate	Normal Copper based 4 cm Diameter approx .	1	Consumable		DC Electronics	21
21	Electronics Development	8*8 LED Matrix Module	Max7219 Dot LED Matrix Module. MCU Control LED Display Module	1	Consumable		ApTech Electronics	601
22	Electronics Development	Bluetooth module	HC 05 Bluetooth module, Voltage Rating: 5 V	1	Consumable		DC Electronics	773
23	Electronics Development	7 Segment Led Display	LED 4-Digit Display Module, Voltage Rating: 2.4V to 5.5V. 4-Pin interface: Vcc, Gnd, Data, Clock	1	Consumable		DC Electronics	43
24	Electronics Development	GSM	Sim900 GPRS Transfer Board Micro Sim Gsm Core TTL Port Module for Arduino	1	Consumable		DC Electronics	1074
25	Electronics Development	GPS	GY-NE06MV2 new GPS module	1	Consumable		DC Electronics	1203










26	Electronics Development	Laser Diode Emitter	650 nm 5mW Mini Laser Dot Diode Module	1	Consumable		Kootech	86
27	Electronics Development	LDR Module	5mm/12mm, Photosensitive LOR Light Sensor Module	1	Consumable		DC Electronics	129
28	Electronics Development	Keypad	Universal 16 Key Switch Keypad	1	Consumable		DC Electronics	172
29	Electronics Development	Joystick	2-axis joystick with push button function	1	Consumable		DC Electronics	172
30	Electronics Development	Active Buzzer	Small 5 volt	1	Consumable		DC Electronics	43
31	Electronics Development	Active Buzzer	Big 5 volt	1	Consumable		DC Electronics	43
32	Electronics Development	Motor driver Module	L293D	1	Consumable		Robo India	215
33	Electronics Development	Sound Playback Module	ISD1820 voice recording module or equivalent	1	Consumable		DC Electronics	601
34	Electronics Development	DC Plastic Gear motor with wheel	12V, 150RPM, Side Shaft BO (Battery operation) Motor	1	Consumable		Robo India	258
35	Electronics Development	Node MCU	ESP 8266 12C, 1 wire, plug and play	1	Consumable		Crocs	773
36	Electronics Development	WeMos D1 R2	WeMos D1 R2 with WIFI ESP 8266, Operating Voltage: 5V	1	Consumable		Trost	816
37	Electronics Development	Vibrating Motor	Weight: 10 Grams, Operating Voltage: 1.5 to 3V	1	Consumable		Alpha Wire	43
38	Electronics Development	Alligator Connectors	Multi-Colour Alligator Connectors - 12 inch	1	Consumable		Harjas	43

39	Electronics Development	Battery clips with DC Jack	9-volt battery clips with DC Jack	1	Consumable		Harjas	34
40	Electronics Development	Hook-up Wires	Red & Black set 100 Meters each	1	Consumable		Harjas	387
41	Electronics Development	Jumper Cable	Male-Male	1	Consumable		Spark Fun	4
42	Electronics Development	Jumper Cable	Male-Female	1	Consumable		Spark Fun	4
43	Electronics Development	Jumper Cable	Female-Female	1	Consumable		Spark Fun	4
44	Electronics Development	RGB LEDs	Regular 5mm 3-5 volt Range	1	Consumable		Spark Fun	6
45	Electronics Development	LEDs (Red)	Regular 5mm 3-5 volt Range	1	Consumable		DC Electronics	1
46	Electronics Development	LEDs (Green)	Regular 5mm 3-5 volt Range	1	Consumable		DC Electronics	1
47	Electronics Development	LEDs (Blue)	Regular 5mm 3-5 volt Range	1	Consumable		DC Electronics	1
48	Electronics Development	LEDs (Yellow)	Regular 5mm 3-5 volt Range	1	Consumable		DC Electronics	1
49	Electronics Development	LEDs (White)	Regular 5mm 3-5 volt Range	1	Consumable		DC Electronics	1
50	Electronics Development	Timer IC- LM 555	LM 555 Timer IC. Voltage range - 4.5V to 16V	1	Consumable		DC Electronics	21
51	Electronics Development	Atmega16u2	8 bit microcontroller Individual IC (DIP). Voltage range: 2.7V to 5.5V. Operational Range: -40°C to +80°C	1	Consumable		DC Electronics	43

52	Electronics Development	Diodes and Transistors Kit	One Kit Contains - 25 Assorted Basic Diodes of 4 different types each.Types: NPN Transistor - 2N3904, BC547 PNP Transistor - 2N3906, BC557 Silicon Diode - 1N4148, Power Diode - 1N4004/4001.Equivalent or better.Wattage: 1W, Current rating: 1A. Assorted kit packaged together and labelled.	1	Consumable		DC Electronics	172
53	Electronics Development	Button Switch Set	One Kit Contains - 100 buttons of different types.Types: Push, toggle, rotary, selector and slide switch.Assorted kit packaged together and labelled.	1	Consumable		DC Electronics	644
54	Electronics Development	Capacitive touch Module	MPR 121 with I2C. Voltage Range:2.5V to 3.6V DC.	1	Consumable		DC Electronics	322
55	Electronics Development	Capacitive Touch Switch Module	Digital Capacitive touch switch module -TTP223B Voltage Range: 2V to 5V DC.	1	Consumable		DC Electronics	129
56	Internet of Things & Sensors	IR Sensors, Obstacle avoider sensor module	LM393 Detection distance:2 - 30 cm, Detection angle: 30 - 40°	1	Consumable		DC Electronics	129
57	Internet of Things & Sensors	Triple Axis Magnetometer	3-Axis Magneto resistive Sensors I2C Digital Interface Integrated 12-bit ADC Range of - 8 to +8 Gauss 160 Hz Maximum o/p rate	1	Consumable		DC Electronics	558
58	Internet of Things & Sensors	Humidity Sensor	Operating range:20-95 % RH Temperature: 0 - 60 Celsius Power supply:1.5V AC (Max sine) Operating frequency:500Hz - 2kHz	1	Consumable		DC Electronics	344
59	Internet of Things & Sensors	M Q Series	MQ - 2 Smoke Detection	1	Consumable		DC Electronics	387
60	Internet of Things & Sensors	M Q Series	MQ-3 Alcohol - Ethanol Sensor	1	Consumable		DC Electronics	387
61	Internet of Things & Sensors	M Q Series	M Q-4 Methane Natural Gas Sensor	1	Consumable		DC Electronics	387
62	Internet of Things & Sensors	M Q Series	MQ-5 Methane Liquefied Gas Sensor	1	Consumable		DC Electronics	387
63	Internet of Things & Sensors	M Q Series	MQ-6 Liquefied Petroleum Gas Sensor	1	Consumable		DC Electronics	387
64	Internet of Things & Sensors	M Q Series	MQ-7 High Sensitivity CO Carbon Monoxide Sensor Detector	1	Consumable		DC Electronics	387

65	Internet of Things & Sensors	M Q Series	MQ-8 Hydrogen Gas Sensor	1	Consumable		DC Electronics	387
66	Internet of Things & Sensors	M Q Series	MQ-135 Air Quality Sensor	1	Consumable		DC Electronics	387
67	Internet of Things & Sensors	IR transmitter/receiver	TSOP 1738 Switching rate: 38 KHz Voltage Rating: 5V	1	Consumable		DC Electronics	43
68	Internet of Things & Sensors	Ultrasonic Sensor Module HC-SR-04 or compatible	Working Voltage - DC 5V Working current - 15 mA Working Frequency - 40 Hz Range - 1 cm to 4 m Effectual Angle - <15° Measuring Angle - 30° Resolution - 0.3 cm	1	Consumable		DC Electronics	258
69	Internet of Things & Sensors	Triple Axis accelerometer-	3-axis sensing Small, low profile package 4 mm x 4 mm x 1.45 mm LFCSP Low Power r: 350 µA (typical)Single- supply operation: 1.8 V to 3.6 V Temperature stability	1	Consumable		DC Electronics	558
70	Internet of Things & Sensors	PIR Motion Detector Module	High digital pulse when motion detected Low digital pulse when idle /no motion detected Sensitivity range (up to 6 m), Power supply: 5V - 12V	1	Consumable		DC Electronics	258
71	Internet of Things & Sensors	Pulse Rate Heart Sensor	Pulse Rate Sensor Finger Based (finger or earlobe) Working voltage 3-5V	1	Consumable		DC Electronics	515
72	Internet of Things & Sensors	Relay Module	5V 10A - 2 Channel Relay Module. Compatible with Arduino .	1	Consumable		DC Electronics	301
73	Internet of Things & Sensors	Relay Module	5V 10A - 1 Channel Relay Module . Compatible with Arduino	1	Consumable		DC Electronics	150
74	Internet of Things & Sensors	Big Sound microphone module	Large Electret capsule sound module	1	Consumable		DC Electronics	172
75	Internet of Things & Sensors	Big Sound microphone module	Large Electret capsule sound module	1	Consumable		DC Electronics	172
76	Internet of Things & Sensors	Soil Moisture Sensor module	FC-28 with LM293 comparator Operating Voltage : 3.3V to 5V.	1	Consumable		Synergy	172
77	Internet of Things & Sensors	Touch Sensor	Capacitive Touch Sensor Module . TTP22X series. Voltage Range: 2.4V to 5.5V	1	Consumable		DC Electronics	86

78	Internet of Things & Sensors	Metal Touch Sensor Module	KY-036 or equivalent metal touch sensor module	1	Consumable		DC Electronics	172
79	Internet of Things & Sensors	Rain Drop Sensor	Rain Sensitive, Rain Drop Detection Sensor Module. Voltage Range: 3.3V to 5.5V. Size: 5mm X 40mm or equivalent	1	Consumable		DC Electronics	172
80	Internet of Things & Sensors	Flex Sensor	Flex Sensor . Size - 2.2 Inches	1	Consumable		DC Electronics	945
81	Internet of Things & Sensors	Temperature Sensor	LM35 Full range temperature sensor. Voltage Range: 4V to 30V . Error: ±0.5°C	1	Consumable		DC Electronics	215
82	Internet of Things & Sensors	Temperature and humidity sensor module	DHT 11 Voltage Range: 3V to 5V	1	Consumable		DC Electronics	387
83	Internet of Things & Sensors	Force Pressure Sensor	Force sensitive resistor with a square, 1.75x1.5" sensing area	1	Consumable		DC Electronics	1203
84	Internet of Things & Sensors	Colour Recognition Sensor	TCS3200 Colour Recognition Sensor	1	Consumable		DC Electronics	430
85	Internet of Things & Sensors	Water Flow Sensor	Arduino Compatible Water flow sensor . 5V DC Input.	1	Consumable		DC Electronics	773
86	Internet of Things & Sensors	Sound Sensor	Sound Sensor Module, Microphones module	1	Consumable		DC Electronics	172
87	Internet of Things & Sensors	IR Sensors Array module for Line Following	8 IR Sensors Array module for Line Following Operating Voltage: 5V	1	Consumable		DC Electronics	515
88	Internet of Things & Sensors	Power Bank	10000 mAh 5-volt Power Bank	1	Consumable		DC Electronics	1933
89	Internet of Things & Sensors	RFID Reader - Tags	Current :13-26mA / DC 3.3V Idle Current :10-13mA Sleep Current<80uA Peak Current<30mA Operating Frequency: 13.56MHz<30mA Read range between 20 cm to 1m	1	Consumable		DC Electronics	430
90	Internet of Things & Sensors	RF Modules Tx & Rx 315 MHz ASK	Frequency Range: 433.92/315 MHz Supply Voltage: 3 - 6 V Output : 4 - 16 Dbm Low power consumption Easy application	1	Consumable		DC Electronics	258

91	Robotics	Stepper motor with Driver board	28BYJ-48 ULN2003 5V Stepper Motor+ ULN2003 Driver Board	1	Consumable		DC Electronics	515
92	Robotics	DC motor	12V DC Gear 150 RPM	1	Consumable		Robo India	43
93	Robotics	Servo motors	Position Servo Angle based Metal Gear	1	Consumable		Robo India	838
94	Robotics	Servo motors	Small Servo Metal Gear	1	Consumable		Robo India	558
95	Robotics	Servo motors	Continuous Metal Gear Servo 360	1	Consumable		Robo India	838
96	Robotics	Servo motors	Small Servo Plastic Gear	1	Consumable		Robo India	387
97	Robotics	150 RPM BO Motor	150 RPM BO Motor	1	Consumable		Robo India	150
98	Robotics	L298P Motor Driver	L298P Motor Driver Shield or relative Driver Shield	1	Consumable		Robo India	387
99	Robotics	Servo Motor Tester	CCPM 3 channel Servo Tester	1	Consumable		Robo India	430