

S.No.	Item Name 11047	Specifications	M1 IP 3021	M2 ARD FLE 2194	M3 Pico 1982	M4 IoT 1745	M5 LP 2105	Qty/Kit	Price/Unit	M1 IP 3021 Cost	M2 ARD FLE 2194 Cost	M3 Pico 1982 Cost	M4 IoT 1745 Cost	M5 LP 2105 Cost	Total
1	Raspberry Pi Pico WiFi	With Headers Soldered & WiFi	0	0	1	0	0	1	420	0	0	420	0	0	420
2	OV7670 Camera Module	OV7670 Camera Module buy online at Low Price in India - ElectronicsComp.com	0	0	1	0	0	1	130	0	0	130	0	0	130
3	FTDI Breakout + 2 feet USB Cable	Reference: AA106	0	0	0	0	1	1	130	0	0	0	0	130	130
4	[Waveshare] 240x320, General 2inch IPS LCD Display Module	2inch LCD Display Module, IPS Screen, 240x320 Resolution, SPI Interface (waveshare.com)	1	0	0	0	0	1	680	680	0	0	0	0	680
5	Arduino UNO R3 SMD		0	1	0	0	0	1	220	0	220	0	0	0	220
6	4-Foot USB Cable for Arduino UNO	4 Feet	0	1	0	0	0	1	65	0	65	0	0	0	65
7	ESP32-CAM-CH340	Single PCB with USB port	1	0	0	0	0	1	532	532	0	0	0	0	532
8	USB Cable for RPi Pico/ ZeroW/ESP32	1.5 meter (or approx 5 feet long)	1	0	1	0	0	2	35	35	0	35	0	0	70
9	LCD 16x2	With Female Berg connector	0	0	0	1	0	1	98	0	0	0	98	0	98
10	I2C adaptor for LCD 16x2	with male berg connector	0	0	0	1	0	1	65	0	0	0	65	0	65
11	Rotary Encoder Sensor Module	Reference: AB024	0	1	0	0	0	1	38	0	38	0	0	0	38
12	4x4 Universal 16 Key Switch Keypad	Keyboard For RPi Pico	0	1	0	0	0	1	31	0	31	0	0	0	31
13	GY-521 Board / MPU6050	6-DOF-Sensor	0	1	0	0	0	1	110	0	110	0	0	0	110
14	Bread Board MB102	Standard Size, GOOD QUALITY	0	0	0	0	1	1	65	0	0	0	0	65	65
15	MB102 Breadboard Power Supply	Module 3.3V/5V	0	0	0	0	1	1	45	0	0	0	0	45	45
16	140Pcs U Shape Shield Solderless Breadboard Jumper Wires Kit	Box	0	0	0	0	1	1	75	0	0	0	0	75	75
17	Digital Multimeter		0	0	0	1	0	1	113	0	0	0	113	0	113
18	PIR Motion Sensor Module	Module for RPi Pico	0	0	0	1	0	1	54	0	0	0	54	0	54
19	RFID Card Sensor Module with S50 card +key chain MFRC522	Reference: SR049	0	0	1	0	0	1	95	0	0	95	0	0	95
20	Reed Switch Module for RPi Pico AR603	with Magnet	0	0	1	0	0	1	42	0	0	42	0	0	42
21	JoyStick 5Pin Breakout Module	Single XY-Joystick Module	0	1	1	0	0	2	38	0	38	38	0	0	76
22	Nokia LCD 5110 with connector for Funduino Joystick Shield	Nokia LCD 5110 with connector for Funduino Joystick Shield	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Bluetooth Module HC-05	Module for RPi Pico	0	1	1	0	0	2	178	0	178	178	0	0	356

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24	QTR 8RC Reflectance Sensor Array-RS2280	Buy 8 Channel Line Tracking Sensor Module (HY-S301) at HNHCart.com	0	0	1	0	0	1	210	0	0	210	0	0	210
25	Line Sensor Array of 4 + 4		0	1	0	0	1	2	230	0	230	0	0	230	460
26	TCRT5000 IR reflex Tracking Sensor	Buy TCRT5000 IR Reflex Tracking Sensor	0	2	2	0	0	4	30	0	60	60	0	0	120
27	DC to DC Booster	CN6009	0	1	0	0	0	1	70	0	70	0	0	0	70
28	Adaptor (or SMPS) 12V 2A	With Case	0	1	0	0	1	2	110	0	110	0	0	110	220
29	Motor Driver L298	Red Board	0	1	0	0	1	2	90	0	90	0	0	90	180
30	Servo MG996R 180 Degree	Tower Pro, Metal Gear HIGH QUALITY	2	0	0	1	0	3	185	370	0	0	185	0	555
31	Servo MG90 180 Degree	Tower Pro, Metal Gear	1	0	0	0	0	1	118	118	0	0	0	0	118
32	5V Stepper with ULN2003 driver board		0	0	0	1	0	1	120	0	0	0	120	0	120
33	Buzzer	Contineous Beep	1	1	1	2	0	5	7	7	7	7	14	0	35
34	Jumper Wires Male Female	40 Wire Strip (20cm)	0	0	0	1	1	2	31	0	0	0	31	31	62
35	Jumper Wires Female Female	40 Wire Strip (20cm)	0	0	0	1	1	2	30	0	0	0	30	30	60
36	Jumper Wires Male Male	40 Wire Strip (20cm)	0	0	0	1	1	2	32	0	0	0	32	32	64
37	R-G-B LED	Diameter = 5mm	1	0	1	3	0	5	3	3	0	3	9	0	15
38	LEDs Red, White, Green, Yellow, Blue	Diameter = 5mm	4	2	0	6	0	12	0.5	2	1	0	3	0	6
39	N20 Micro DC Gear Motor + 3PI miniQ wheel + Mount Bracket	N20-12V-600 Rpm Micro Metal Gear Motor-RS1191	0	2	0	0	0	2	260	0	520	0	0	0	520
40	GA12-N20-12V 1000 RPM [with ENCODER]	GA12-N20-12v 1000 RPM ALL Metal Gear Micro DC Encoder Motor with Precious Metal Brush GA12-N20-12v 1000 RPM ALL Metal Gear Micro DC Encoder Motor with Precious Metal Brush [RMCS-2536] - ₹380.00 : Robokits India, Easy to use, Versatile Robotics & DIY kits	0	1	0	0	0	1	190	0	190	0	0	0	190
41	Universal Ball Wheel Castor [Example use in 3Pi-Robot with N20 Motors]	3PI N20 UNIVERSAL BALL WHEEL CASTOR 3PI N20 UNIVERSAL BALL WHEEL CASTOR [RKI-1179] - ₹55.00 : Robokits India, Easy to use, Versatile Robotics & DIY kits	0	2	0	0	0	2	40	0	80	0	0	0	80
42	Bunch of Jumper wires for BreadBoard	pack of 65 pieces	0	0	0	0	1	1	65	0	0	0	0	65	65

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43	Gikfun MC-38 Wired Door Sensor Magnetic Switch		0	0	0	0	1	1	30	0	0	0	0	30	30
44	Ultrasonic Distance Module	(5-pin preferred)	0	0	0	0	1	1	50	0	0	0	0	50	50
45	Micro Servo	Blue Plastic, Cheapest	0	0	0	2	0	2	85	0	0	0	170	0	170
46	IR Sensor Module	Reference: ML002	0	0	2	0	2	4	23	0	0	46	0	46	92
47	7 Segment Display	Common Cathode	0	0	0	1	2	3	6	0	0	0	6	12	18
48	Single Digit Alphanumeric	Single Digit Alphanumeric Seven Segment, Device type: seven segment display (alphanumeric), Display type: LED Display (rees52.com)	0	0	0	0	0	0	15	0	0	0	0	0	0
49	MAX7219 Dot Matrix Module	4 In 1 Display REFERENCE: RS237	0	0	1	0	0	1	260	0	0	260	0	0	260
50	Berg Strip (2cm Long pins) 40 pin	Male, Total pin Length 2cm	0	0	0	2	4	6	7	0	0	0	14	28	42
51	Berg Strip 40 pin	Female	0	0	0	2	4	6	4.5	0	0	0	9	18	27
52	TSOP Module with Remote Control	TSOP Sensor and Remote Control	0	0	0	0	1	1	45	0	0	0	0	45	45
53	Male DC 2.1mm x 5.5mm Power Adapter to Screw Terminal Block	Black GREEN, with Screws (For RPi Pico supply)	0	0	0	0	1	1	12	0	0	0	0	12	12
54	Female DC 2.1mm x 5.5mm Power Adapter to Screw Terminal Block	Black GREEN, with Screws	0	0	0	0	1	1	12	0	0	0	0	12	12
55	OLED LCD Module I2C	Yellow+Blue, I2C, 0.96", 4-wire	0	0	0	0	1	1	155	0	0	0	0	155	155
56	Radio volume control	10 Kilo Ohm	0	0	0	2	0	2	12	0	0	0	24	0	24
57	4-Channel Relay Module (DC 5V)	Reference: AA026	0	0	0	1	0	1	140	0	0	0	140	0	140
58	Light Blocking Sensor Module	Speed Measuring Sensor Groove Coupler Module For Arduino buy online at Low Price in India - ElectronicsComp.com	0	0	0	0	1	1	35	0	0	0	0	35	35
59	LED Traffic Light Module	Reference: RS1940	0	0	1	1	1	3	30	0	0	30	30	30	90
60	B3 Lithium Polymer (LiPo) Battery Charger for 2S-3S Lipo		0	0	1	0	0	1	280	0	0	280	0	0	280
61	6*8 cm Universal PCB Prototype Board Double-sided		0	0	1	1	1	3	26	0	0	26	26	26	78
62	Assorted Resistance Box		0	0	0	0	1	1	30	0	0	0	0	30	30

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63	PCA9685 16 channel 12 Fm + I2C bus servo PWM controller		1	0	0	0	0	1	270	270	0	0	0	0	270
64	2 Axis Pan Tilt Brackets For Camera/Sensors for Servo MG90S	Buy 2 Axis Pan Tilt Brackets for Camera for Servo SG90S MG90S (robu.in)	0	0	0	2	0	2	50	0	0	0	100	0	100
65	Aluminum Servo Horn/Arm 25T Round type Disc MG995 MG996	Buy 25T Aluminum Servo Arm/Horn Round Type for MG995 Online at Best Price (robu.in)	2	0	0	0	0	2	35	70	0	0	0	0	70
66	Soldering Iron	Soldron 25W	0	0	0	1	0	1	295	0	0	0	295	0	295
67	Harmonium Plastic Box	Jain Electronics + Screen Printing on CuC	0	0	0	0	1	1	551	0	0	0	0	551	551
68	Shipping	Courier services	1	1	1	1	1	5	122	122	122	122	122	122	610
69	Line Follower Chassis	MDF with Laser Cutting	0	1	0	0	0	1	20	0	20	0	0	0	20
70	Line Follower Nuts And Bolts		0	1	0	0	0	1	14	0	14	0	0	0	14
71	Robot Arena	Top Pine wood, Bottom MDF, Laser Cut	1	0	0	0	0	1	100	100	0	0	0	0	100
72	Robot EM Iron Core + Laser Holder		1	0	0	0	0	1	40	40	0	0	0	0	40
73	Robot Bobbin With Coil	FRP Bobbin, Cu Coil, Coil winding	1	0	0	0	0	1	23	23	0	0	0	0	23
74	Robot Metal Studs	[approximation, yet to be paid]	1	0	0	0	0	1	110	110	0	0	0	0	110
75	Robot Plastic Parts (Two Links)		1	0	0	0	0	1	0	0	0	0	0	0	0
76	Robot PCB		1	0	0	0	0	1	241	241	0	0	0	0	241
77	Robot PCB Components	JST Connectors, Caps, MOSFET, Diode, Resistance, LED	1	0	0	0	0	1	184	184	0	0	0	0	184
78	Robot Arena Painting	Spray Paint + Coloured Paper	1	0	0	0	0	1	0	0	0	0	0	0	0
79	Robot Nuts And Bolts Washers		1	0	0	0	0	1	30	30	0	0	0	0	30
80	Checkers	[Iron Top + Plastic + White Spray + Colour]	28	0	0	0	0	28	3	84	0	0	0	0	84
81	Misc Items: Drawing Sheet, Heat Shrink, Paper, Stationary items, Lock		0	0	0	0	0	0	0	0	0	0	0	0	0
82	Copper Clad	[Normal and Glass Epoxy + FeCl3 + Acetone]	0	0	0	1	0	1	55	0	0	0	55	0	55
83	Replacement Arduino	Replacement of components	0	0	0	0	0	0	0	0	0	0	0	0	0
									Kits Only	3021	2194	1982	1745	2105	11047