

	Guyana/AINahda/KitNumbersOriginal-Added.		₱->Y		0.14					
	26-Jan-25	1.02								
	ITEM	DESCRIPTION	SUPPLIER	YD-SKU	SUPPLIER CAT#					
	Arduino Compatible MicroComputer									
	YourDuinoRoboRED	YourDuinoRoboBLACK (Upgraded Arduino)	KEYES	RP-500602						
		USB CABLE								
	Input Devices:									
	Pushbutton	Mini Pushbutton Switch (6)	CEPREI	SS-040401	id=6021453495					
ADD	PushButtonsBrick	4 Pushbuttons board with 3-pin connector								
	Potentiometers:	10K (linear) with good hand knob/shaft (Breadboard compatible) (2)	CEPREI?	EC-050407						
	Joystick	Joystick (2 potentiometers + switch)								
	Photo Sensors	PhotoResistor type 5516 5-10K (2)	CEPREI	EC-040401	id=8443059655					
	Thermistors	Thermistor (small, 10K) (2)								
ADD	PhotoSensorBrick	Light Sensor 3-pin brick								
ADD	Sound Sensor	Sound Sensor 3-pin brick								
ADD	Motion Sensor	Motion/ Human sensor 3-pin brick								
	<u>Ultrasonic Distance sensor</u>	<u>Ultrasonic Distance sensor 4-pin</u>								
	Temperature Sensor	DS18B20 Temperature Sensor (chip)		EC-010102	id=34933991					
	Output Devices:									
	LEDS	10 each of 5 colors (RD-GN-YL-WH-BL)	YourDuino							
	Red-Green-Blue LED	Red-Green-Blue LED 4-pins (chip)	CEPREI	EC-020403						
ADD	RGB-Brick	RGB-Brick 4 pins								
	LCD Display 2x16 lines	LCD Display 2x16 lines I2C interface								
	5V Active Buzzer	5V Active Buzzer	CEPREI	EA-050302	id=6060439399					
	Passive Beeper	Passive Beeper module	CEPREI	EA-050301	id=6060439399					
	Servo Motor	Servo SG-90 Positional	Xiang Jun	RP-710001						
	Small Stepper Motor	Small Stepper Motor + Driver board								
ADD	L9110 motor driver	L9110 two motor driver module								
ADD	Geared DC Motor	Geared DC Motor for robot wheel								
ADD	Power Switching Brick	Power MOS FET Switching Brick								
	Small DC Motor									
SEPARATE	Relay Board	Opto-isolated 2 Channel Relay Board.	Xiang Jun	EA-040407						
	Breadboard, Cables, Resistors:									
i	Resistors	220 ohm 10/student	CEPREI	EC-050404	id=8871200235					
	Resistors	10K ohm 10/student	CEPREI	EC-050401	id=8871200235					
	Mini (1/2 size) Breadboard	With Red/Blue power busses	Seg	CW-055018						
	3 pin Sensor cable flat-latch 30cm	3 pin Sensor cable flat-latch 30cm (3)	WEIDA	CW-040230						
	3 pin Sensor cable flat-Separate 30cm	3 pin Sensor cable flat-Separate 30cm(3)	WEIDA	CW-040330						
	Flat Cable Jumpers	40 pin flat cable female ends	WEIDA	CW-044020						
	Male-Male pin connector 40 long	Male-Male pin connector 40 long	CEPREI	CW-036101						
	HF Heavy-Duty Box	HF Heavy-Duty Box	Harbor Freight	#93929						