STARTER SETS COMPARISON CHART

Parts Included in Kit	Arduino.cc Starter Kit	Adafruit Starter Set	Adafruit ARDX Oomlout Experimenter Kit	ARDX SEED Studio Starter Kit	Maker Shed Ultimate Microcontroller Pack	Maker Shed Starter Set	YourDuino Basic Starter Set	YourDuino Electronic Brick Starter Set	YourDuino Engineering Starter Set	SparkFun Inventor's Kit
Price	$124.95	$65.00	$85.00	$69.90	$99.00	$64.99	$40.00	$75.00	$55.00	$99.50
Arduino UNO/Duemilanove or compatible	Arduino Uno R3	Arduino Uno R3	Arduino Uno R3	Arduino Uno R3	Arduino Uno R3	Arduino UNO	YourDuino Robo1 compatible 3-pin connectors, higher-current 3.3V supply	YourDuino Robo1 compatible 3-pin connectors, higher-current 3.3V supply	YourDuino Robo1 compatible 3-pin connectors, higher-current 3.3V supply	Arduino Uno R3
Heavy Duty Box	X				X		X	X	X	
USB Cable	X	X	X	X	X	X	X	X	X	X
9V Battery Adapter for Arduino	X	X		X	X	X				
Breadboard	X	X	X	X	X	X	8cm high-quality Breadboard with power and ground strips	8cm high-quality Breadboard with power and ground strips	8cm high-quality Breadboard with power and ground strips	Translucent Red Bread Board

Protoboard						(2)				
LED Assortment	(8) Red, Green, Yellow, (3) Blue, (1) White	(10) Red, Green (1) Blue	(10) Red, (11) Green, (1 Blue)	(10) Red, Green (1) Blue	(5) Red (5) Green	(2) Red , Green, Blue	(10) Red, Green, Yellow, Blue, White	(2) Red, Green, Yellow, Blue	(10) Red, Green, Yellow, Blue, White	Yellow, Red
RGB LED	X	X	X	X	(5)	X	X	X	X	X
Red Laser Module								X		
Alphanumeric LCD (16x2 characters)	X									
Resistor Assortment	(20) 220, (5) 560, 1K, 4.7K, 1M, 10M, (10) 10K	(25) 560, (3) 2.2k, (3)10k	(25) 560, (3) 2.2K, (3) 10K,	(25) 560, (3) 2.2K, (3) 10K,	(10) each 330K, 1K, 10K	(10) each 10K, 220, 270	(10) - each 220, 10K	(10) - each 220, 10K	(10) - each 220, 10K	330 and 10K
Capacitor Assortment	(5) 100nF, (3) 100uF, (5) 100pF			(1) 220uF	(10) 100nF, (10) 10uF, (5) 100uF					
PhotoResistors (Light sensors)	(6)	X	X	X	(2)	(2)	(5) - 10K	Light Sensor Brick	(5) - 10K	X
Push-button switches	(10)	(2)	(2)	(2)	(3)	(2) Momentary Button	(5) - Big push-buttons	Big push-button brick	(5) - Big push-buttons	Big 12mm Buttons
Potentiometers	(3) 10K	(1) - 10K	(1) 10K	(1) 10K	(1) 10K		(2) - 10K	10K Rotary	(2) - 10K	10K Trimpot

		Rotary			Rotary		Rotary	Brick	Rotary	
Relay or Relay Board		5v DPDT	5V DPDT	5v,3A/120V AC			Opto-isolated 2-channel	Opto-isolated 2-channel	Opto-isolated 2-channel	5V Relay
Temperature Sensor	TMP36 Analog Sensor	TMP36 Analog	TMP36 Analog Sensor	TMP36 Analog Sensor			DS18B20 Digital Sensor	DS18B20 Digital Sensor Brick	DS18B20 Digital Sensor	TMP36 Analog Sensor
Thermistor					X					
Ultrasonic Sensor									X	
Transceiver: 2.4GHz, Low Power									X	
Tilt sensor	X				(2)			Tilt Brick		
Sound Sensor								X		
Motion Sensor								X		
Buzzer Module							X	Buzzer Brick	X	
Beeper (Piezo) Module	X	X	X	X	X		X	Beeper Brick	X	X
8 Ohm Speaker					X					
1 - Servo Motor	X	X	X	X	(2)		X	X	X	X
1 – Stepper Motor w/Driver									X	

	(70) Solid core jumper wires, (2) Stranded jumper wires	(65) Piece Jumper Wire Bundle	70-piece flexible	Premium jumper wires x75	Jumper Wire Bundle	Deluxe Jumper Wires	40 wide flat rainbow color cable (may make many different cables)	40 wide flat rainbow color cable (may make many different cables)	40 wide flat rainbow color cable (may make many different cables)	
Board										
Mini Digital Voltmeter									X	
LCD Screen 16x2					X					
Jumper Wires/Cables	(70) Solid core jumper wires, (2) Stranded jumper wires	(65) Piece Jumper Wire Bundle	70-piece flexible	Premium jumper wires x75	Jumper Wire Bundle	Deluxe Jumper Wires	40 wide flat rainbow color cable (may make many different cables)	40 wide flat rainbow color cable (may make many different cables)	40 wide flat rainbow color cable (may make many different cables)	X
40 pin strips that can be separated to connect cables to breadboard and other devices	X		X	X	X		X	X	X	
6-Pin/8Pin Stackable Female Headers					X					
3-pin cables to 3-pin connectors							X	5	X	
3-pin cables to separate wire ends							X	5	X	
Arduino and Breadboard Holder	X	X	X	X						X

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Manual/Guide	printed	online	online	printed		?	online+printable PDF +Teacher Slides	online+printable PDF +Teacher Slides	online+printable PDF +Teacher Slides	printed
Breadboard Layout Sheets		online	online	printed						
74HC595 Shift Register		X	X	X						X
Softpot										X
Small NPN Transistors	(5)	X	(2)	(2)						X
Mosfet transistors [IRF520]	(2)									
Small Diodes	(5) 1N4007	X	(2)	(2)						X
DC Motor	X	X	X	X	X					X
Vibration Motor					X					
Flex/Force sensor		X								X
H-bridge motor driver [L293D]	X									
Optocouplers [4N35]	(2)							OptoInterrupter Brick		

Transparent gels	(1) Red, Green, Blue									
5-cell AA battery pack holder			X							