

Project Based Inquiry Kit - Sensor section CSE1012-S

	Qty	Value - P/N - Description
RESISTORS, 1/4W 5% CF	1	18 OHM BROWN GRAY BLACK
	6	100 OHM BROWN BLACK BROWN
	6	220 OHM RED RED BROWN
	6	330 OHM ORANGE ORANGE BROWN
	6	470 OHM YELLOW VIOLET BROWN
	6	1K BROWN BLACK RED
	6	10K BROWN BLACK ORANGE
	6	100K BROWN BLACK YELLOW
	CAPACITORS	2
2		10UF Ceramic 106K
LED's and Display	2	RED T1 3/4 Diffused
	2	GREEN T1 3/4 Diffused
	2	YELLOW T1 3/4 Diffused
	2	BLUE T1 3/4 Diffused
	3	RGB 8mm, WS2812 Driver
	1	7 segment display, CA
SENSORS	1	TEMPERATURE SENSOR, -40 ° C TO 125 ° C"
	1	Basic temp and humidity sensor - DHT11
	1	VEML7700 lux sensor, I2C light sensor
	1	Ultrasonic Rangefinder, NC-SR04
ACTUATORS	1	Piezo Buzzer
	1	Micro Servo
MICROCONTROLLER	1	Arduino Uno R3
MISCELLANEOUS	1	Cable, USB A to USB micro, 3 Ft, White
	4	Pushbutton, bb friendly
	1	10K Ohm potentiometer
	1	Micro SD card reader
	1	set of 10 M-M jumper wires
	1	830 Point Breadboard
	1	Wire kit - 70 wires
	1	Pliers
	1	Box
	PACKAGING	1
1		Static Safe Foam, 1" x 1"

Rev B 1/08/2021

Depot P/N

201-1010

201-1019

201-1023

201-1025

201-1027

201-1031

201-1043

201-1055

300-1070

300-1084

410-1000

410-1001

410-1002

410-1004

410-4000

413-1002

100-3000

100-3001

100-3005

100-5000

414-1001

525-1005

706-1001

560-1002

515-1011

218-1001

634-1004

754-1034

754-1006

754-1019

700-1028

754-1020

760-1003

760-1002