

EE2361 Group Kit

rev. D

3/7/2019

Qty	Value - P/N - Description	Depot P/N	Cost ea.
4	MCP4821, DAC, 12 Bit W/SPI	100-1267	\$1.84
2	DRV8835 Dual motor driver carrier	100-1318	\$3.89
2	HC-06 Bluetooth Module	100-1500	\$5.29
1	Adafruit RFM69HCW transceiver radio breakout	100-1501	\$8.06
1	Adafruit ATWINC1500 wiFi breakout	100-1502	\$22.46
2	DHT11 Basic temperature-humidity sensor	100-3001	\$5.00
1	Adafruit BMP280 barometric pressure & altitude sensor	100-3002	\$8.06
1	Adafruit TSL2561 high dynamic range digital light sensor	100-3003	\$4.82
1	LIDAR distance sensor, 4cm - 400cm, VL53L1X	100-5001	\$10.99
2	Adafruit LIS3DH triple-axis accelerometer	100-5101	\$4.01
1	PIR (motion) sensor	100-5201	\$8.06
1	CAP1188 - 8-Key Capacitive touch sensor breakout	100-5300	\$7.16
1	Soil moisture sensor	206-3000	\$5.16
2	2-axis Joystick with click, board mounted	219-1002	\$5.96
1	SparkFun touch potentiometer	220-1000	\$24.95
1	Short flex sensor	221-1000	\$6.44
1	Conductive rubber cord stretch sensor	221-1001	\$8.06
1	Conductive fiber - stainless steel 20um	221-1002	\$2.39
1	Large 2.8" : 8x8 RGB LED matrix	410-4002	\$31.46
2	Small 1.2" : 8x8 LED matrix w/I2C backpack - Red	410-4004	\$8.96
2	1x8 RGB LED Strip	410-4005	\$4.82
1	Flora color sensor with white illuminating LED	410-5000	\$6.44
1	Flora UV index sensor	410-5001	\$7.25
2	10 Segment LED bar graph	413-2000	\$0.67
2	Piezo buzzer - PS1240	414-1001	\$1.22
1	Electret microphone amplifier	416-2000	\$6.44
1	Header strip, single row, .1", male, 6 pin	629-1010	\$0.10
1	Utility box	754-1020	\$5.00