

EE1301 Group Kit

Rev. G 3/5/20

	Qty	Description	Depot P/N
IC'S	1	DHT11 basic temperature-humidity sensor	100-3001
	1	DRV8835 Dual motor driver carrier, board mounted	100-1318
Displays	1	RGB Backlit I2C 10x2 LCD display	413-1007
	5	8x8 Red LED matrix, board mounted	410-4004
	1	Grove universal 4 pin cable	567-1000
Diodes	1	1N5317 Schottky diode	120-1073
	1	1N4734 5.6V Zener diode	125-1008
Resistors	3	2-axis Joystick with click, board mounted	219-1002
Addressable LEDs	2	1x8 RGB LED strip	410-4005
	1	8x8 Large 2.8" RGB LED matrix	410-4002
	1	Flexible RGB LED strip, 14-16 LEDs	410-4006
Miscellaneous	2	Micro servo motor	525-1003
	2	Servo, Hitec HS-311 universal	525-1004
	5	LED Bar graph, 10 segment, red	413-2000
	1	Soil moisture sensor	206-3000
	1	Keypad, 4x4, universal 16 key switch	515-2000
	1	Peristaltic water pump	524-3000
	2	Straight coupler for water pump hose	524-3200
	1	2 channel 5V relay module	518-2000
	1	Bluetooth module	100-1500
	4	Pushbutton, bb friendly	515-1011
	1	Male to female jumper wire, set of 3	754-1032
Packaging	1	Carrying Case	754-1020