

# Introduction to Microcontrollers Kit EE2361

Rev F 1/4/2016

	Qty	Value - P/N - Description	Depot P/N
<b>CAPACITORS</b>	2	100nF ceramic 104K	300-1070
	2	10uF Electrolytic, low ESR	305-1064
<b>RESISTORS, 1/4W CF</b>	2	100 Ohm BROWN BLACK BROWN	201-1019
	2	10K BROWN BLACK ORANGE	201-1043
	10	220 Ohm RED RED BROWN	201-1023
<b>IC'S</b>	1	PIC24FJ64GA002-I/SP	100-1286
	1	LM2937	100-1275
	1	MCP4821 DAC	100-1267
<b>TRANSISITORS &amp; DIODES</b>	4	2N3904	110-1031
	1	1N4148/914	123-1000
<b>LED's &amp; Displays</b>	2	Red LED T1 3/4 Diffused	410-1000
	1	Green LED T1 3/4 Diffused	410-1001
	2	RGB LED, Individually Addressable	410-4000
	1	P337 2 Digit 7 Segment Display	413-1004
	1	I2C Small LCD board (3.3V)	413-1008
	1	5 pin header strip for LCD board	629-5002
	1	LED Bar Graph	413-2000
<b>Sensors</b>	1	HC-SR04 - Sonic Rangefinder	100-5000
<b>Actuators</b>	1	4x4 Button Pad	515-2000
	1	8 pin header strip for button pad	629-1011
	2	Pushbutton Switch, 6mm square	515-1009
<b>MISC.</b>	1	ChipKit Programmer	706-1008
	1	6 pin header strip for ChipKit	629-1010
	1	28 Pin IC socket	131-1007
	1	10K Single-turn Pot 103K	215-1041
	1	USB to Breadboard Adapter	634-1003
<b>Packaging</b>	1	Static safe bag	760-1003
	1	Static safe foam, 1.75" x 2.00"	760-1002
	1	Antistat bag	760-1005
	1	Antistat bubble bag	760-1006