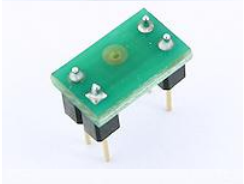
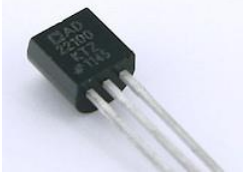
Analog Parts Kit

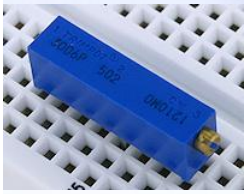
240-000

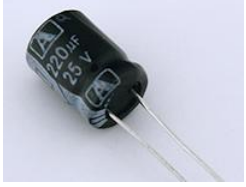
The Analog Parts Kit contains a large selection of components perfect for creating a wide variety of useful circuits & devices. Featuring Analog Devices components, the kit includes transistors, resistors, capacitors, diodes, sensors, and variety of useful ICs including Op Amps, convertors, and regulators. Finally, the kit also comes with an assortment of lead wires, a solderless breadboard, and a screwdriver.

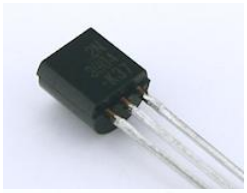
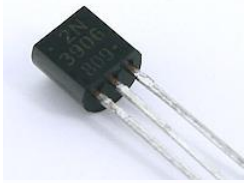
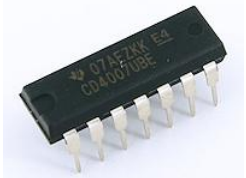
A complete list and description of components is listed below.

Image	Part #	Description	Package	Notes
	AD8226	Instrumentation Amp	Cmod IC1	
	SSM2220	PNP Matched Transistors	Cmod IC2	
	SSM2212	NPN Matched Transistors	Cmod IC3	
	ADTL082	JFET Op Amp	Cmod IC4	
	AD8541	General Purpose Op Amp	Cmod IC5	
	ADP3300	Low Dropout Linear Regulator	Cmod IC8	

	AD584	Programmable Precision Voltage Reference	PDIP8	
	AD654	Voltage to Frequency Converter (Timer)	PDIP8	
	AD8561	Comparator	PDIP8	
	OP27	Low Noise, Precision Op Amp	PDIP8	
	OP37	Low Noise, Precision, High Speed Op Amp	PDIP8	
	OP482	Low Noise, Precision, High Speed Op Amp	PDIP14	
	AD8210	Current Shunt Monitor	Cmod IC6	
	AD22151	Magentic Field Sensor	Cmod IC7	
	ADXL327	Accelerometer	Cmod IC9	3.3V only!
	ADMP504	Ultralow Noise Microphone	Cmod IC10	3.3V only!
	AD2210	Temperature Sensor	TO-226AA	Marking: AD22100

	605-00004	Piezo Vibration Sensor		
	QSC114	Infrared Transistor	T-1	
	TMP01	Temperature Sensor	PDIP8	
	B57164K103J	10kΩ Thermistor	5mm lead coated disk	
	PDV-P9203	5-20kΩ Photocell	100mil coated header	
	SQP10AJB-6R2	6.2Ω 10W Power Resistor	Axial Cement	
	*(various)*	1.1Ω - 10MΩ 1/8W Resistors	Axial Carbon Comp.	
	*(various)*	5kΩ, 10kΩ, 50kΩ Potentiometer	3006P 3/4" Rectangular	
	*(various)*	39pF Ceramic Capacitor	Radial Disc	Marking: 39
	*(various)*	100pF Ceramic Capacitor	Radial Disc	Marking: 101
	*(various)*	.001uF Ceramic Capacitor	Radial Disc	Marking: 102

	*(various)*	.0047uF Ceramic Capacitor	Radial Disc	Marking: 472
	*(various)*	.01uF Ceramic Capacitor	Radial Disc	Marking: 103
	*(various)*	.047uF Ceramic Capacitor	Radial Disc	Marking: 473
	*(various)*	.1uF Ceramic Capacitor	Radial Disc	Marking: 104
	*(various)*	1uF Electrolytic Capacitor	Radial Can	Marking: 1uF
	*(various)*	4.7uF Electrolytic Capacitor	Radial Can	Marking: 4.7uF
	*(various)*	10uF Electrolytic Capacitor	Radial Can	Marking: 10uF
	*(various)*	22uF Electrolytic Capacitor	Radial Can	Marking: 22uF
	*(various)*	47uF Electrolytic Capacitor	Radial Can	Marking: 47uF
	*(various)*	220uF Electrolytic Capacitor	Radial Can	Marking: 220uF

	2N3904	NPN General Purpose Transistor	TO-92	Marking: 2N3904
	2N3906	PNP General Purpose Transistor	TO-92	Marking: 2N3906
	CD4007	Dual Complementary Transistors	PDIP14	
	IRF510	N-Channel MOSFET 100V	TO-220	Marking: IRF510
	TIP31CFS	NPN Epitaxial Transistor	TO-220	Marking: TIP31
	TIP32CFS	PNP Epitaxial Transisitor	TO-220	Marking: TIP32
	ZVN2110A	N-Channel Enhancement FET	TO-92	Marking: ZVN211
	ZVP2110A	P-Channel Enhancement FET	TO-92	Marking: ZVP211
	*(various)*	LEDs (Green, Orange, Red)	T-1 3/4	
	QED-123	Infrared LED	T-1 3/4	

	1N3064	Small Signal Diode	DO-35
	1N4001	50V General Purpose Rectifier	DO-204
	1N4735	6.2V Zener Diode	DO-41
	1N914	Small Signal Diode	DO-35
	RL622-1R0K	1uH Inductor	5mm radial
	RL622-102K	1mH Inductor	5mm radial
	GT-0950RP3	Buzzer/Speaker	5mm radial

Note: Some of these parts may occasionally be substituted for equivalents, due to changing availability.