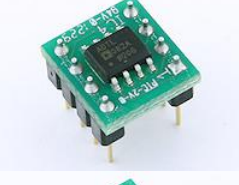


Analog Parts Kit



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, converters, 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

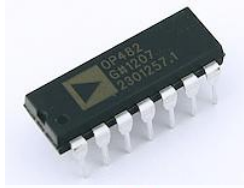
PDIP8



[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](#)

Magnetic Field Sensor

Cmod IC7

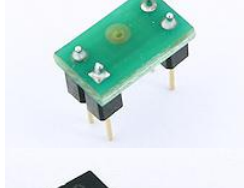


[ADXL327](#)

Accelerometer

Cmod IC9

3.3V only!

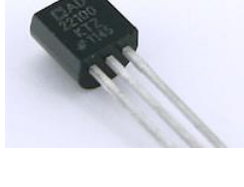


[ADMP504](#)

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

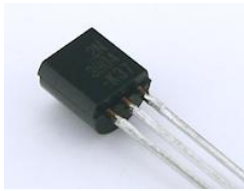
Radial Can Marking: 47uF



(various)

220uF Electrolytic Capacitor

Radial Can Marking: 220uF

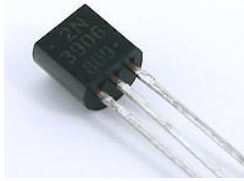


2N3904

NPN General Purpose Transistor

TO-92

Marking:
2N3904

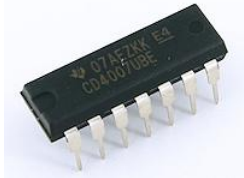


2N3906

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 Transistor

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.