Analog Parts Kit by Analog Devices: Companion Parts Kit for the Analog Discovery

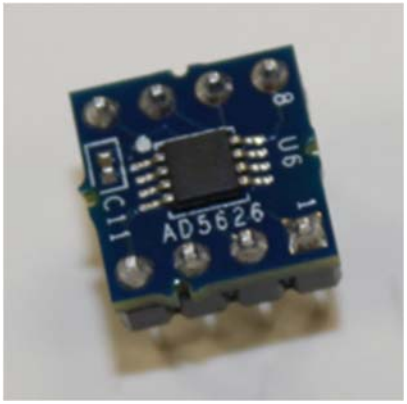
SKU:
240-000

Note: We have a new version of the kit in stock! Some of the components have changed from the previous Analog Parts Kit. the list of components can be found here, and below.

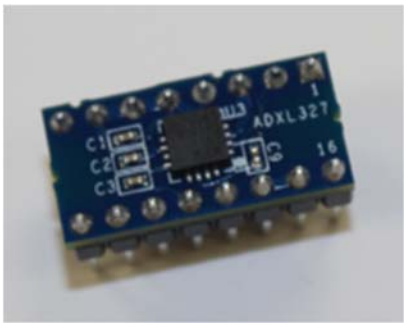
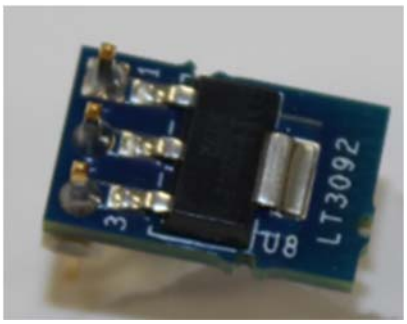
The Analog Parts Kit contains a large selection of components perfect for creating a wide variety of useful circuits and devices. Featuring components from Analog Devices®, the kit includes transistors, resistors, capacitors, diodes, sensors, and a variety of useful ICs including op-amps, convertors,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

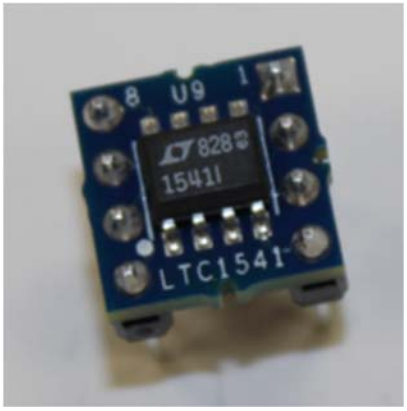
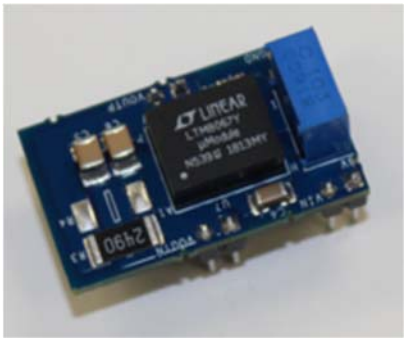
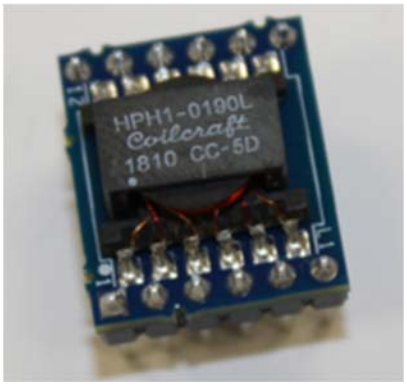
Note:

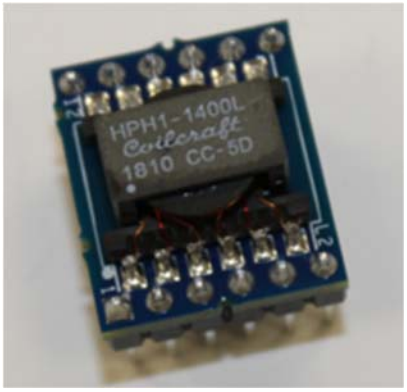
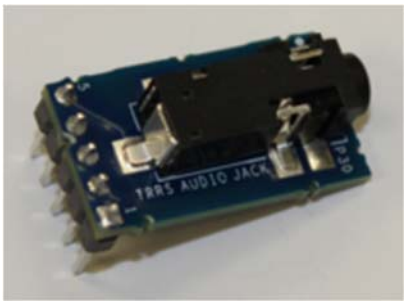
Students & Educators: We no longer provide coupon codes to students and professors for bundling with the Analog Discovery; however, we now offer this kit pre-bundled with the Analog Discovery 2. For more information, please check out the Analog Discovery 2 Student Bundle.

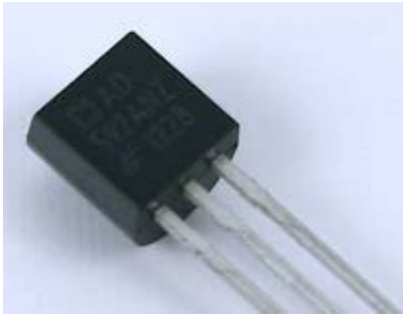
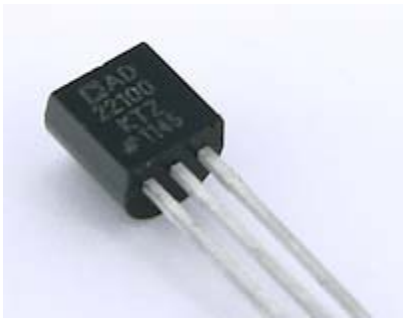
Image	Part Number	Description	Link
	AD22151*	Magnetic Field Sensor	AD22151
	AD5626*	12-Bit Digital to Analog Converter	AD5626
	AD7920*	12-Bit Analog to Digital Converter	AD7920

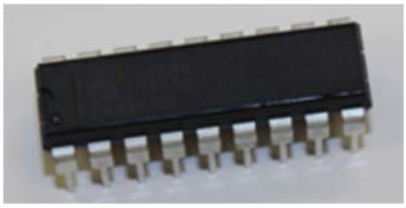
	AD8210*	Current Shunt Monitor	AD8210
	AD8226*	Instrumentation Amplifier	AD8226
	AD8542*	CMOS Rail to Rail Op Amp	AD8542

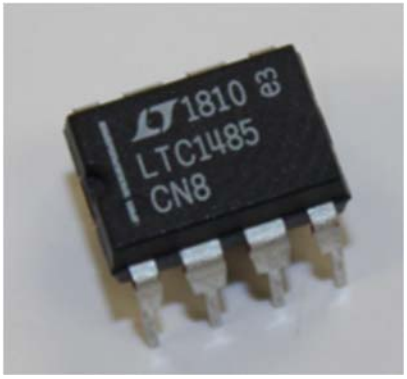
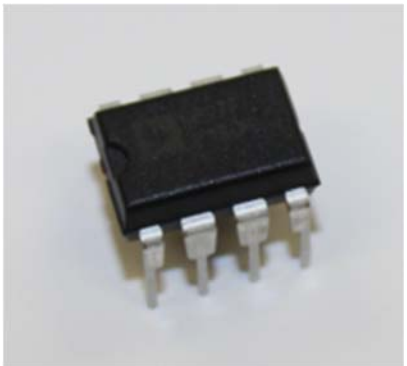
	ADP3300	3.3V, 50mA Linear Regulator(LDO)	ADP3300
	ADTL082*	JFET Op-Amp	ADTL082
	ADXL327	3-Axis Low-G Accelerometer	ADXL327
	LT3092	Programmable Current Source	LT3092

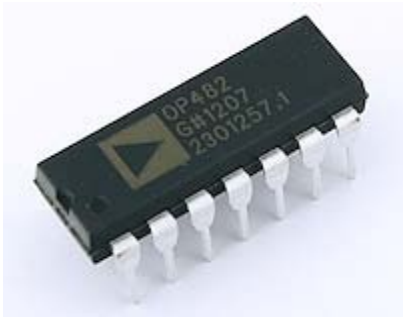
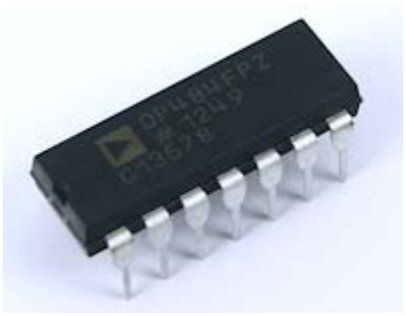
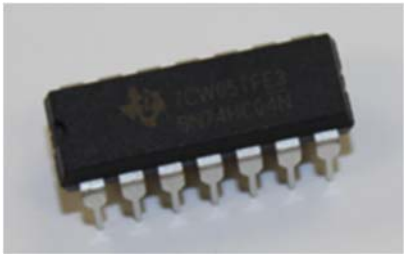
	LTC1541*	Microppower Amp, Comparator, & Reference	LTC1541
	LTM8067	Isolated DC-DC Converter	LTM8067
	HPH1-0190	Hexa-Path Transformer	HPH1-0190

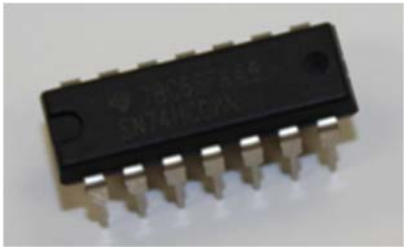
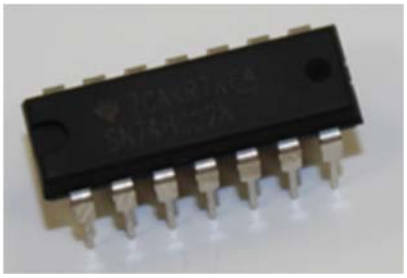
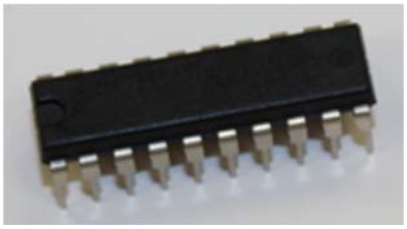
	HPH1-1400	Hexa-Path Transformer	HPH1-1400
	SJ-43515TS-SMT-TR	TRRS Microphone In	SJ-43515TS-SMT-TR
	ZX62D-B-5PA8(30)	Micro USB Connector	
	AD584	Programmable Voltage Reference	AD584

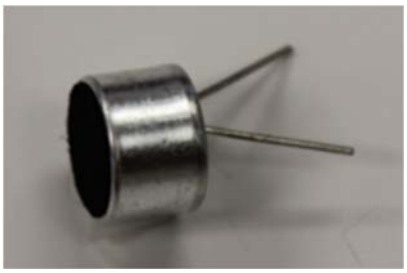
	AD592	Current Temperature Sensor	AD592
	AD654	Voltage to Frequency Converter	AD654
	AD22100	Voltage Temperature Sensor	AD22100
	AD8561	Comparator	AD8561

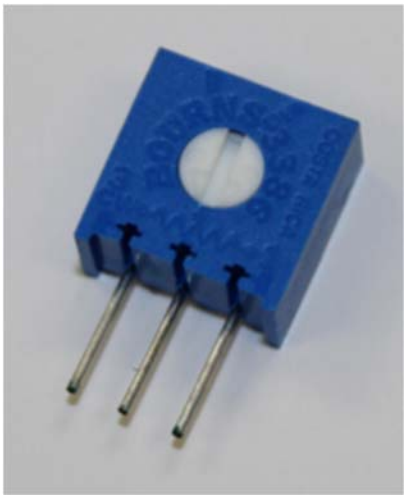
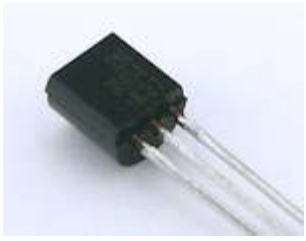
	LT3080	Adjustable 1.1A LDO	LT3080
	LTC1043	Precision Switch-CAP Block	LTC1043
	LTC1054	Switched-Capacitor Regulator	LTC1054

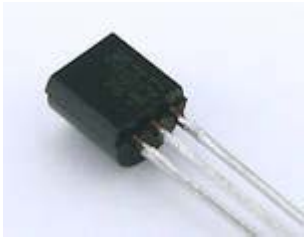
	LTC1485	Differential Bus Transceiver	LTC1485
	OP27	Low Noise, Precision Op Amp	OP27
	OP37	Precision Op Amp	OP37
	OP97	Low Noise, Precision Op Amp	OP97

	OP482	High Speed JFET Op Amp	OP482
	OP484	Precision Rail to Rail Op Amp	OP484
	TMP01	Temperature Controller	TMP01
	SN74HC04N	Hex Inverter	SN74HC04N

	SN74HC08N	Quad AND Gate	SN74HC08N
	SN74HC32N	Quad OR Gate	SN74HC32N
	SN74HC273N	Octal Flip Flop	SN74HC273N
	Solderless Breadboard	Solderless Breadboard	

	Jumper Wires	Male to Male Jumper Wires	
	Screwdriver	Flathead Screwdriver	
	Microphone	Microphone	
	Speaker	8-ohm Speaker	
	QSC114	Infrared Transistor T-1	QSC114

	B57164K103J	10kΩ Thermistor 5mm lead coated disk	B57164K103J
	SQP10AJB-6R2	6.2Ω 10W Power Resistor Axial Cement Link	SQP10AJB-6R2
	3386C-1-502LF	Single Turn 5kΩ Potentiometer	Datasheet
	3386C-1-103LF	Single Turn 10kΩ Potentiometer	
	3386C-1-503LF	Single Turn 50kΩ Potentiometer	
	2N3904	NPN General Purpose Transistor TO-92 Link Marking: 2N3904	2N3904

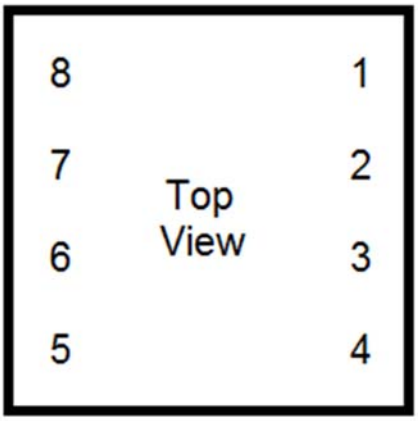
	2N3906	PNP General Purpose Transistor TO-92 Link Marking: 2N3906	2N3906
	IRF510	N-Channel MOSFET 100V TO-220 Link Marking: IRF510	IRF510
	TIP31CFS	NPN Epitaxial Transistor TO-220 Link Marking: TIP31	TIP31CFS
	TIP32CFS	PNP Epitaxial Transisitor TO-220 Link Marking: TIP32	TIP32CFS
	ZVN2110A	N-Channel Enhancement FET TO-92 Link Marking: ZVN211	ZVN2110A

	various LEDs (red, yellow, Green)	T-1 3/4 Link	
	QED-123	Infrared LED T-1 3/4	QED-123
	QSD123	Infrared Photo Transistor T-1	QSD123
	1N3064	Small Signal Diode DO-35 Link	1N3064
	1N4001	50V General Purpose Rectifier DO-204 Link	1N4001

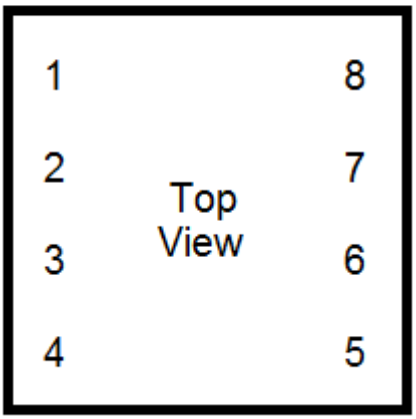
	1N4735	6.2V (or 3.6V) Zener Diode DO-41 Link	1N4735
	1N914	Small Signal Diode DO-35 Link	1N914
	OP999	Photodiode T-1¾	OP999
	RFB0807-1R0L RFB0807-100L RFB0807-101L RFB0807-102L RFB0807-103L	1uH Inductor 5mm radial Link 10uH Inductor 5mm radial Link 100uH Inductor 5mm radial Link 100uH Inductor 5mm radial Link 10m Inductor 5mm radial Link	Datasheet

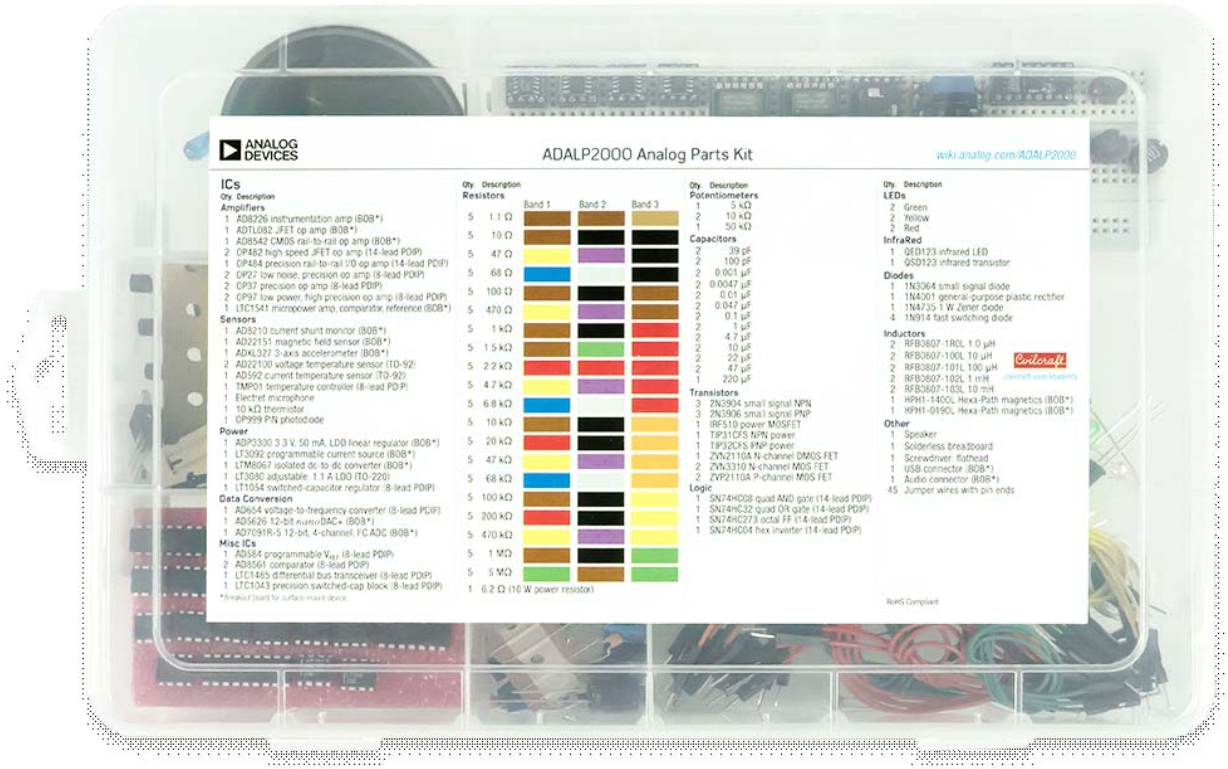
*Please Note: All IC parts denoted with an asterisk (*) have a reverse pin orientation, as displayed in the image below. All other ICs not marked have standard pin orientation.

Reverse Pin Orientation



Standard Pin Orientation





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