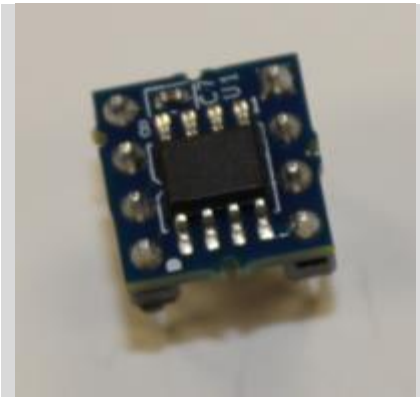
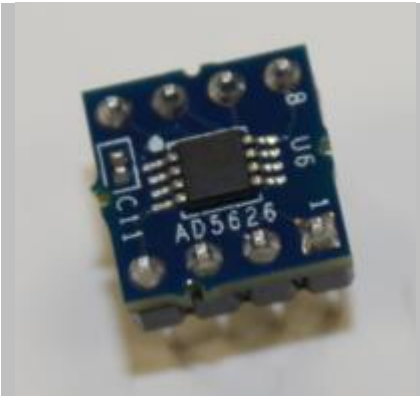









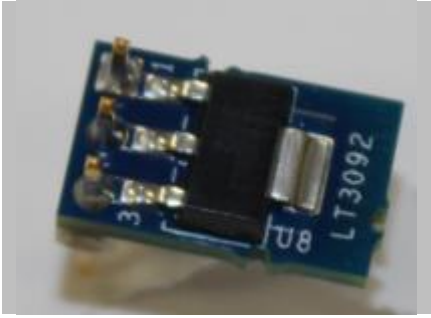

Analog Parts Kit by Analog Devices Contents





Revised March 17, 2020



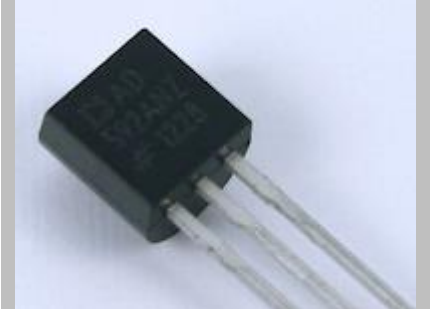

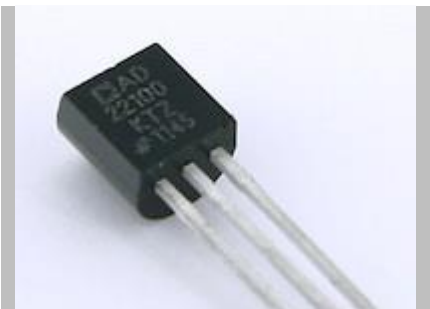
Contents List





Picture	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






Picture	Part Number	Description	Link
	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

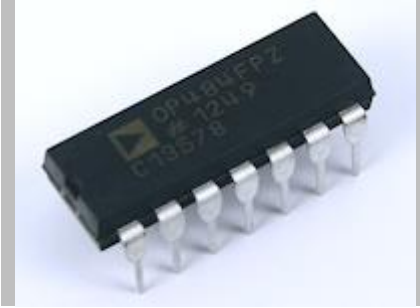





Picture	Part Number	Description	Link
	ADTL082*	JFET Op-Amp	ADTL082
	ADXL327	3-Axis Low-G Accelerometer	ADXL327
	LT3092	Programmable Current Source	LT3092
	LTC1541*	Micropower Amp, Comparator, & Reference	LTC1541

Picture	Part Number	Description	Link
	LTM8067	Isolated DC-DC Converter	LTM8067
	HPH1-0190	Hexa-Path Transformer	Datasheet
	HPH1-1400	Hexa-Path Transformer	Datasheet
	SJ-43515TS-SMT-TR	TRRS Microphone In	Datasheet



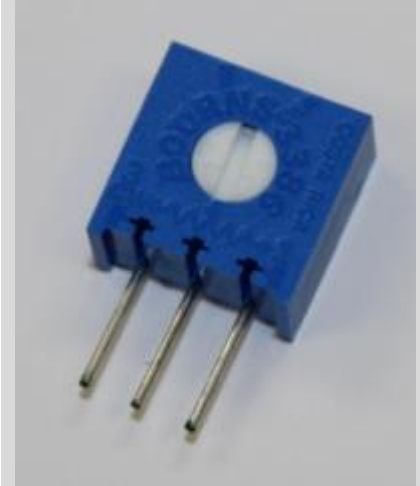



Picture	Part Number	Description	Link
	ZX62D-B-5PA8(30)	Micro USB Connector	
	AD584	Programmable Voltage Reference	AD584
	AD592	Current Temperature Sensor	AD592
	AD654	Voltage to Frequency Converter	AD654
	AD22100	Voltage Temperature Sensor	AD22100








Picture	Part Number	Description	Link
	AD8561	Comparator	AD8561
	LT3080	Adjustable 1.1A LDO	LT3080
	LTC1043	Precision Switch-CAP Block	LTC1043
	LTC1054	Switched-Capacitor Regulator	LT1054







Picture	Part Number	Description	Link
	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



Picture	Part Number	Description	Link
	OP484	Precision Rail to Rail Op Amp	OP484
	TMP01	Temperature Controller	TMP01
	SN74HC04N	Hex Inverter	Datasheet
	SN74HC08N	Quad AND Gate	Datasheet
	SN74HC32N	Quad OR Gate	Datasheet
	SN74HC273N	Octal Flip Flop	Datasheet


Picture	Part Number	Description	Link
	<p>Solderless Breadboard</p>	<p>Solderless Breadboard</p>	
	<p>Jumper Wires</p>	<p>Male to Male Jumper Wires</p>	
	<p>Screwdriver</p>	<p>Flathead Screwdriver</p>	
	<p>Microphone</p>	<p>Microphone</p>	
	<p>Speaker</p>	<p>8-ohm Speaker</p>	

Picture	Part Number	Description	Link
	B57164K103J	10kΩ Thermistor 5mm lead coated disk	Datasheet
	SQP10AJB-6R2	6.2Ω 10W Power Resistor Axial Cement Link	Datasheet
	<ul style="list-style-type: none"> * 3386C-1-502LF * 3386C-1-103LF * 3386C-1-503LF 	<ul style="list-style-type: none"> * Single Turn 5kΩ Potentiometer * Single Turn 10kΩ Potentiometer * Single Turn 50kΩ Potentiometer 	Datasheet
	2N3904	NPN General Purpose Transistor TO-92 Link Marking: 2N3904	Datasheet
	2N3906	PNP General Purpose Transistor TO-92 Link Marking: 2N3906	Datasheet
	IRF510	N-Channel MOSFET 100V TO-220 Link Marking: IRF510	Datasheet

Picture	Part Number	Description	Link
	TIP31CFS	NPN Epitaxial Transistor TO-220 Link Marking: TIP31	Datasheet
	TIP32CFS	PNP Epitaxial Transistor TO-220 Link Marking: TIP32	Datasheet
	ZVN2110A	N-Channel Enhancement FET TO-92 Link Marking: ZVN211	Dataseet
	ZVN3310	N-Channel Enhancement Transistor TO-92 Link Marking: ZVN211	Datasheet
	ZVP2110A	P-Channel Enhancement FET TO-92 Link Marking: ZVP211	Datasheet
	various LEDs (red, yellow, Green)	T-1 3/4 Link	
	QED-123	Infrared LED T-1 3/4	Datasheet

Picture	Part Number	Description	Link
	QSD123	Infrared Photo Transistor T-1	Datasheet
	1N3064	Small Signal Diode DO-35 Link	Datasheet
	1N4001	50V General Purpose Rectifier DO-204 Link	Datasheet
	1N4735	6.2V (or 3.6V) Zener Diode DO-41 Link	Datasheet
	1N914	Small Signal Diode DO-35 Link	Datasheet
	OP999	Photodiode T-1 $\frac{3}{4}$	Datasheet

Picture	Part Number	Description	Link
	<ul style="list-style-type: none"> * RFB0807-1R0L * RFB0807-100L * RFB0807-101L * RFB0807-102L * RFB0807-103L 	<ul style="list-style-type: none"> * 1uH Inductor 5mm radial Link * 10uH Inductor 5mm radial Link * 100uH Inductor 5mm radial Link * 1mH Inductor 5mm radial Link * 10m Inductor 5mm radial Link 	<p>Datasheet</p>
		<ul style="list-style-type: none"> * 1.1 ohm 1/8W axial Resistor * 10 ohm 1/8W axial Resistor * 47 ohm 1/8W axial Resistor * 68 ohm 1/8W axial Resistor * 100 ohm 1/8W axial Resistor * 470 ohm 1/8W axial Resistor * 1k ohm 1/8W axial Resistor * 1.5k ohm 1/8W axial Resistor * 2.2k ohm 1/8W axial Resistor * 4.7k ohm 1/8W axial Resistor * 6.8k ohm 1/8W axial Resistor * 10k ohm 1/8W axial Resistor * 20k ohm 1/8W axial Resistor * 47k ohm 1/8W axial Resistor * 68k ohm 1/8W axial Resistor * 100k ohm 1/8W axial Resistor * 200k ohm 1/8W axial Resistor * 470k ohm 1/8W axial Resistor * 1M ohm 1/8W axial Resistor * 5M ohm 1/8W axial Resistor 	<p>Resistors Link (including color code) Axial Carbon Comp.</p>

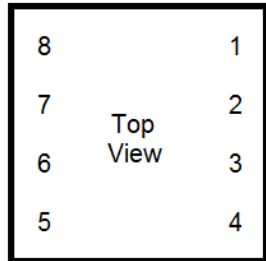
Picture	Part Number	Description	Link
		<ul style="list-style-type: none"> * 39pF Ceramic Capacitor Disc * 100pF Ceramic Capacitor Disc * 0.001uF Ceramic Capacitor Disc * 0.0047uF Ceramic Capacitor Disc * 0.01uF Ceramic Capacitor Disc * 0.047uF Ceramic Capacitor Disc * 0.1uF Ceramic Capacitor Disc * 1uF Electrolytic Capacitor Can * 4.7uF Electrolytic Capacitor Can * 10uF Electrolytic Capacitor Can * 22uF Electrolytic Capacitor Can * 47uF Electrolytic Capacitor Can * 220uF Electrolytic Capacitor Can 	<ul style="list-style-type: none"> * Link Marking: 39 * Link Marking: 101 * Link Marking: 102 * Link Marking: 472 * Link Marking: 103 * Link Marking: 473 * Link Marking: 104 * Link Marking: 1uF * Link Marking: 4.7uF * Link Marking: 10uF * Link Marking: 22uF * Link Marking: 47uF * Link Marking: 220uF

Deprecated items:

- SSM2220 PNP Matched Transistors BOB
- SSM2212 NPN Matched Transistors BOB
- ADMP504 MEMS Ultralow Noise Microphone BOB
- 605-00004 Piezo Vibration Sensor
- GT-0950RP3 Buzzer/Speaker 5mm radial
- CD4007
- PDV-P9203 5-20kΩ Photocell
- QSC114 Infrared Transistor

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

