

Name	Value	Footprint	Notes	Manufacturer	Manufacturer Part #	Vendor	Vendor Part #
C1	100pF	SM 0402				Digikey	
C2	0.01µF	SM 0402				Digikey	
C3, C7, C9, C13	3.3µF	SM 0805				Digikey	
C4, C5	22pF	SM 0402				Digikey	
C6, C8	0.1µF	SM 0402				Digikey	
C10, C11	0.47µF	SM 0603				Digikey	
C12	1µF	SM 0402				Digikey	
J1	Connector	3x1, 2mm	Power Connector	Hirose Electronic Co. Ltd.		Digikey	
J2	Connector	5x2, 2mm	PIC ICSP Connector	Hirose Electronic Co. Ltd.		Digikey	
J3	Connector	3x1, 2mm	PIC Serial (TTL) Connector	Hirose Electronic Co. Ltd.		Digikey	
J4	Connector	2x1, 2mm	Depth Sensor Connector	Hirose Electronic Co. Ltd.		Digikey	
J5	Connector	4x2, 2mm	Addition Analog Channels Input	Hirose Electronic Co. Ltd.		Digikey	
J6	Jumper	2mm	Analog Power Jumper			Digikey	
R1	309K Ohm	SM 0402				Digikey	
R2	100K Ohm	SM 0402				Digikey	
R3	220K Ohm	SM 0402				Digikey	
R4	47 Ohm	SM 0402				Digikey	
U1	RC2951	8-Pin SOIC	DC-DC Converter	Fairchild Semiconductor	RC2951M	Digikey	RC2951M-ND
U2	PIC18F252	28-Pin SOIC	PIC Microcontroller	Microchip	PIC18F2525-I/SO	Digikey	PIC18F2525-I/SO-ND
U3	ADS8344	20-Pin SSOP	A/D Converter	Burr-Brown Corporation Division of Texas Instruments	ADS8344NB	Digikey	ADS8344NB-ND
U4	ADXR150EB	20-Pin 0.3x0.1" DIP	ADXR150 Evaluation Board	Analog Devices	ADXR150EB	Digikey	ADXR150EB-ND
U5	ADXL203	8-Pin 5x5x2mm LCC	2-Axis Accelerometer	Analog Devices	ADXL203CE	Digikey	ADXL203CE-ND