

PiExp v1b Parts

Reference	Value	Value	Footprint	Digi-Key_PN	Manufacturer Part#
A1	1	TestPoint	TestPoint:TestPoint_Pad_D2.0mm		
CAD1	1	0.1uF	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	399-C0805C104K3RAC7800CT-ND	C0805C104K3RAC7800
CE1	1	0.1uF	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder	399-C0805C104K3RAC7800CT-ND	C0805C104K3RAC7800
D_BEM1	1	MBR230LSFT1G	Diode_SMD:D_SOD-123	MBR230LSFT1GOSCT-ND	MBR230LSFT1G
JPAD23	1	Conn_01x04	Connector_JST:JST_SH_SM04B-SRSS-TB_1x04-1MP_P1.00mm_Horizontal	www.adafruit.com	#4208
JPDAT1	1	Conn_01x04	Connector_JST:JST_SH_SM04B-SRSS-TB_1x04-1MP_P1.00mm_Horizontal	www.adafruit.com	#4208
JPDAT2	1	Conn_01x04	Connector_JST:JST_SH_BM04B-SRSS-TB_1x04-1MP_P1.00mm_Vertical	www.adafruit.com	#4328
JPI2C1	1	Conn_01x04	Connector_JST:JST_SH_SM04B-SRSS-TB_1x04-1MP_P1.00mm_Horizontal	www.adafruit.com	#4208
JPN1	1	Conn_01x04	Connector_JST:JST_SH_BM04B-SRSS-TB_1x04-1MP_P1.00mm_Vertical	www.adafruit.com	#4328
JPN2	1	Conn_01x04	Connector_JST:JST_SH_BM04B-SRSS-TB_1x04-1MP_P1.00mm_Vertical	www.adafruit.com	#4328
JPOPT12	1	Conn_01x04	Connector_JST:JST_SH_SM04B-SRSS-TB_1x04-1MP_P1.00mm_Horizontal	www.adafruit.com	#4208
JPSE1	1	Conn_01x04	Connector_JST:JST_SH_SM04B-SRSS-TB_1x04-1MP_P1.00mm_Horizontal	www.adafruit.com	#4208
JPWIR1	1	Conn_01x04	Connector_JST:JST_SH_SM04B-SRSS-TB_1x04-1MP_P1.00mm_Horizontal	www.adafruit.com	#4208
JP_I4	1	Conn_02x20_Odd_Even	Connector_PinSocket_2.54mm:PinSocket_2x20_P2.54mm_Vertical	www.adafruit.com	#1992
JV5	1	Conn_01x02	TerminalBlock_TE-Connectivity:TerminalBlock_TE_282834-2_1x02_P2.54mm_Horizontal	www.adafruit.com	#2138
LED1	1	Blue	LED_SMD:LED_0805_2012Metric	160-1645-1-ND	LTST-C171TBKT
Q_OP1	1	2N7002K	Package_TO_SOT_SMD:SOT-23_Handsoldering	2N7002KCT-ND	2N7002K
Q_OP2	1	2N7002K	Package_TO_SOT_SMD:SOT-23_Handsoldering	2N7002KCT-ND	2N7002K
R2	1	10K	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	311-10KLGCT-ND	AC0805FR-0710KL
R3	1	10K	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	311-10KLGCT-ND	AC0805FR-0710KL
RADDN1	1	10K	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	311-10KLGCT-ND	AC0805FR-0710KL
RADUP1	1	10K	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	311-10KLGCT-ND	AC0805FR-0710KL
RESCLPU1	1	3.9K	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	RMCF0805FT3K90CT-ND	RMCF0805FT3K90
RESDAPU1	1	3.9K	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	RMCF0805FT3K90CT-ND	RMCF0805FT3K90
RLED1	1	330	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	311-330CRCT-ND	RC0805FR-07330RL
RPDOP1	1	10K	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	311-10KLGCT-ND	AC0805FR-0710KL
RPDOP2	1	10K	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	311-10KLGCT-ND	AC0805FR-0710KL
RU5	1	10K	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	311-10KLGCT-ND	AC0805FR-0710KL
RU6	1	10K	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	311-10KLGCT-ND	AC0805FR-0710KL
RW1	1	4.7K	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	541-4.70KCCT-ND	CRCW08054K70FKEA
RWRPU1	1	1K	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder	311-1.00KCRCT-ND	RC0805FR-071KL
U1115	1	ADS1115	Package_SO:MSOP-10_3x3mm_P0.5mm	296-24934-1-ND	ADS1115IDGST
UCS1	1	24CS256	Package_TO_SOT_SMD:SOT-23-5	150-24CS256T-I/OTCT-ND	24CS256T-I/OT
WIZ1	1	WIZ850io	SPI Network Module	1278-1043-ND	WIZ850IO
		For Testing only	STEMMA QT / Qwiic JST SH 4-Pin Cable - 50mm Long	www.adafruit.com	#4399
		For Testing only	Monochrome 1.3" 128x64 OLED graphic display - STEMMA QT / Qwiic	www.adafruit.com	#938
		For Testing only	10K Precision Epoxy Thermistor - 3950 NTC	www.adafruit.com	#372
		For Testing only	Mini Panel Mount SPDT Toggle Switch	www.adafruit.com	#3221
			16mm long 2.5mm brass spacers to mount PiExp board to ZERO board		