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Item	Designator	SBI	QTY	Description	Manufacture	Manufacturer Part Number	Suggested Supplier	Supplier Part Number
1	Ref.	51-2003-01_07	N/A	Biopotential (BP2) Schematic Drawing 51-2003-01_07	N/A	N/A	N/A	N/A
2	Ref.	52-2003_05	1	NNP Biopotential PCB, Unpopulated 52-2003_05	See Note 1	N/A	See Note 1	N/A
3	Ref.	51-2003-07_02	N/A	Biopotential (BP2) Pick and Place 51-2003-07_02 Biopotential (BP2)	N/A	N/A	N/A	N/A
4	C1, C6	53-0097	2	0.1uF, 100V, X7R, 0805, 10%, RoHS	Murata Electronics North America	GCM21BR72A104KA37K	Digi-Key	490-8051-2-ND
5	C2, C14, C15, C28, C30, C31	53-0067	6	1.0uF, 50V, X7R, 0603, 20%, RoHs	Taioyo Yuden	UMK107AB7105KA-T	Digi-Key	587-5956-6-ND
6	C3, C5	53-0068	2	22uF, 16V, X5R, 1210, 20%, RoHS	Taioyo Yuden	EMK325BJ226MD-T	Digi-Key	587-2412-1-ND
7	C4, C27	53-0039	2	10uF, 6.3V, X5R, 0603_20%, RoHS	Murata Electronics North America	GRM188R60J106ME47J	Digi-Key	490-6405-6-ND
8	C7, C8, C9, C10, C11, C20, C22, C23, C24, C29, C32, C34, C35, C38, C39, C42, C49, C50, C53	53-0040-1	19	0.1uF, 16V, X7R,10%, 0402, RoHS	Murata Electronics North America	GRM155R71C104KA88D	Digi-Key	490-3261-6-ND
9	C12, C16	53-0042	2	4.7uF, 6.3V, X5R, 20%, 0402, RoHS	Murata Electronics North America	GRM155R60J475ME47D	Digi-Key	490-5915-6-ND
10	C13	53-0041-1	1	68pF, 50V, C0G, 0402, 5%, RoHS	Murata Electronics North America	GRM1555C1H680JA01D	Digi-Key	490-5876-6-ND
11	C17	53-0043	1	0.001uF, 50V, X7R, 20%, 0402, RoHS	Murata Electronics North America	GJM1555C1H1R0BB01D	Digi-Key	490-6073-6-ND
12	C19, C21	53-0044-1	2	8pF, 50V, C0G, 0402, 10%, RoHS	Murata Electronics North America	GRM1555C1H8R0DA01D	Digi-Key	490-5867-6-ND
13	C25	53-0069	1	2.2uF, 6.3V, X5R, 0402, 20%, RoHS	Murata Electronics North America	GRM155R60J225ME15D	Digi-Key	490-4519-6-ND
14	C37, C43, C45, C46, C47, C48, C54	53-0070	7	0.15uF, 16V, X7R, 10%, 0603, RoHS	Samsung-Electro-Mechanics	CL05B154KO5NNNC	Digi-Key	1276-6651
15	C36	53-0041-2	1	1000pF, 50V, C0G, 5%, 0402, RoHS	Murata Electronics North America	GRM1555C1H102JA01D	Digi-Key	490-3244-6-ND
16	C40, C51	53-0071	2	X2Y, 220pF, 50V, X7R, 0603, 20%, RoHS	Johanson Dielectrics Inc.	500X14W221MV4T	Digi-Key	500X14W221MV4T-ND
17	C41, C52	53-0072	2	4700pF, 50V, C0G, 0402_10%, RoHS	Murata Electronics North America	GRM155R71H472KA01D	Digi-Key	490-1308-6-ND
18	C33, C44, C55	53-0040-2	3	0.15uF, 16V, X7R, 10%, 0402, RoHS	Samsung-Electro-Mechanics	CL05B154KO5NNNC	Digi-Key	1276-6651-6-ND
19	C26	53-0078	1	1.0uF, 6.3V, X5R, 0402, 20%, RoHS	Murata Electronics North America	GRM155R60J105ME19D	Digi-Key	490-5955-6-ND
20	D1, D2, D3, D4, D5, D6, D7	54-0075	7	Schotty Diode, 30V, 100mA, RoHS	Panasonic Electronic Components	DB2731600L	Digi-Key	DB2731600LDKR-ND
21	L1	53-0032	1	100uH, 270mA, 20%, RoHS	TDK Corporation	VLCF5020T-101MR27	Digi-Key	445-3203-6-ND
22	L2	53-0033	1	470uH, 35mA, 10%, RoHS	Taiyo Yuden	CB2518T471K	Digi-Key	587-2194-6-ND
23	LED1	53-0035	1	LED, Red, 0402, 20mA ,2V, 140mcd, RoHS	Lumex Opto/Components Inc.	SML-LX0402SIC-TR	Digi-Key	67-1878-6-ND
24	Q1	54-0050	1	PNP, -50V, -100mA, SOT523, 150MHz, RoHS	Panasonic Electronic Components	DSA9001S0L	Digi-Key	DSA9001S0LDKR-ND
25	Q2	54-0078	1	Small Signal MOSFET, -20 V, -760 mA, P-Channel, Gate Zener	ON Semiconductor	NTE4151PT1G	Digi-Key	NTE4151PT1GOSDKR-ND
26	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	53-0048	10	0.0 ohm, 1/16W, 0402, RoHS	Vishay Dale	CRCW04020000Z0ED	Digi-Key	541-0.0JDKR-ND
27	R11	53-0049-1	1	0.1 ohm, 1%, 1/16W, 0402, RoHS	Vishay Dale	RCWE0402R100FNEA	Digi-Key	541-2711-6-ND
28	R12, R17, R18, R19, R22, R25, R42	53-0049-2	7	49.9k ohm, 1%, 1/16W, 0402, RoHS	Vishay Dale	CRCW040249K9FKED	Digi-Key	541-49.9KLDKR-ND
29	R13	53-0049-3	1	470k ohm, 1% , 1/16W, smd, 0402, RoHS	Vishay Dale	CRCW0402470KFKED	Digi-Key	541-470KLDKR-ND
30	R14, R20, R21, R23	53-0049-4	4	1.0k ohm, 1%, 1/16W, smd, 0402, RoHS	Vishay Dale	CRCW04021K00FKED	Digi-Key	541-1.00KLDKR-ND

BY	DATE			, '							
DRAWN K. Kowalski	11-18-2022			,							
CHECKED T. Crish	11-18-2022			<u>SYNAPSE</u>	Biomed	ical Inc					
1.01311	1. 011311				DOCUMENT NAME						
			Biopo	tential (BP2) PCB	Assemb	oly					
MATERIAL											
		SIZE	DOC	UMENT NO.			REV				
FINISH		В		51-2003			06				
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1	Item	Designator	SBI	QTY	Description	Manufacture	Manufacturer Part Number	Supplier	Supplier Part Number
13	31	R15, R16	53-0049-5	2	5.1K ohm, 1%, 1/16W, smd, 0402, RoHS	Vishay Dale	CRCW04025K10FKED	Digi-Key	541-5.10KLDKR-ND
14 1877, 1830, RS4	32	R24	53-0051	1	84.5k ohm, 1%, 1/10W, 0402, RoHS	Vishay Dale	CRCW040284K5FKED	Digi-Key	541-84.5KLDKR-ND
55 R35 R36	33	R28, R29, R31, R32, R33, R49, R50	53-0049-8	7	10.0k ohm, 1%, 1/16W, smd, 0402, RoHS	Vishay Dale	CRCW040210K0FKED	Digi-Key	541-10.0KLDKR-ND
86 R37, R39 \$3,0049-7 2 100 chm, 1%, 116W, wmd, 0402, RoHS Vishay Dale CRCW9042100RFRED Digi-Key 54-100KLDKR-ND 37 R38 \$3,0049-10 3 1,16W, mm, 1%, 116W, vmd, 0402, RoHS Vishay Dale CRCW0402100RFKED Digi-Key 541-100LDKR-ND 38 R80, R43, R51 \$3,0049-10 3 1,6K chm, 1%, 116W, wmd, 0402, RoHS Vishay Dale CRCW0402160RFRED Digi-Key 541-1500LDKR-ND 39 R41, R48, R52 \$3,0049-11 3 150k chm, 1%, 116W, wmd, 0402, RoHS Vishay Dale CRCW0402160RFRED Digi-Key 541-1500LDKR-ND 41 R45, R52 \$3,0049-19 2 332 ohm, 1%, 116W, 0402, RoHS Vishay Dale CRCW0402130RFKED Digi-Key 541-1500LDKR-ND 41 R45, R54 \$3,0049-19 2 332 ohm, 1%, 116W, 0402, RoHS Vishay Dale CRCW0402130RFKED Digi-Key 541-1500LDKR-ND 42 R46, R56, R57, R58 \$3,0049-19 2 332 ohm, 1%, 116W, 0402, RoHS Vishay Dale CRCW040210RFMCD Digi-Key 541-100ALDKR-ND 42 V	34	R27, R30, R34	53-0049-17	3	20 ohm, 1%, 0402, 1%, RoHS	Vishay Dale	CRCW040220R0FKED	Digi-Key	541-20.0LDKR-ND
ST R88 S3-0049-18 1 100 ohm, 196, 1116W, 0402, ROHS Vishay Dale CRCW0402100RFKED Digi-Key 541-100LDKR-ND S8 R40, R43, R51 S3-0049-10 S 1.66 cm, 196, 1116W, ord, 0402, RoHS Vishay Dale CRCW0402150KFKED Digi-Key S41-100LDKR-ND S8 R40, R43, R52 S3-0049-11 S 1506 cbm, 196, 1116W, ord, 0402, RoHS Vishay Dale CRCW0402150KFKED Digi-Key S41-100LDKR-ND CRCW0402150KFKED Digi-Key S41-100KDR-ND CRCW0402150KFK-ND Digi-Key S41-100KDR-ND CRCW0402150KFK-ND Digi-Key S41-100KDR-ND CRCW0402150KFK-ND CRCW0402150KFK-ND CRCW0402150KFK-ND Digi-Key S41-100KDR-ND CRCW0402150KFK-ND CRCW040250KFK-ND CRCW040250KFK-ND CRCW040250KFK-ND CRCW040250KFK-ND	35	R35, R36	53-0050	2	0.0 ohm, 1/10W, 0603, RoHS	Vishay Dale	CRCW06030000Z0EA	Digi-Key	541-0.0GDKR-ND
R40, R43, R51	36	R37, R39	53-0049-7	2	100k ohm, 1%, 1/16W, smd, 0402, RoHS	Vishay Dale	CRCW0402100KFKED	Digi-Key	541-100KLDKR-ND
Section Sect	37	R38	53-0049-18	1	100 ohm, 1%, 1/16W, 0402, RoHS	Vishay Dale	CRCW0402100RFKED	Digi-Key	541-100LDKR-ND
R44, R47, R53, R56	38	R40, R43, R51	53-0049-10	3	1.6K ohm, 1%, 1/16W, smd, 0402, RoHS	Vishay Dale	CRCW04021K60FKED	Digi-Key	541-1.60KLDKR-ND
41 R45, R54 \$3.0049-19 2 332 ohm, 1%, 1/16W, 0402, RoHS Vishay Dale CRCW0402332RFKED Digi-Key \$41.332LDKRND 42 R46, R55, R57, R58 \$5.0049-20 2 1M ohm, 1%, 1/16W, 0402, RoHS Vishay Dale CRCW04021M00FKED Digi-Key \$41.302LDKRND 43 RV1 \$5.0068 1 MOV, 12V, 0803, ROHS BOURNS CG6080M.C-12E DRSH CG6080M.C-12E DRSH 44 U1 \$4.0052 1 Current Monitor, 2 EV-20V, 15V, 50mA, ROHS Diodes Incorporated ZXC11010ESTA Digi-Key ZXC11010EXTA Digi-Key XXC11010EXTA DXC1210EXTA ZXC11010EXTA DXC1210EXTA ZXC11010EXTA ZXC11010EXTA DXC1210EXTA	39	R41, R48, R52	53-0049-11	3	150k ohm, 1%, 1/16W, smd, 0402, RoHS	Vishay Dale	CRCW0402150KFKED	Digi-Key	541-150KLDKR-ND
42 R46, R55, R57, R58 \$3.0048-20 2 1M ohn, 1%, 1/16W, 0402, RoHS Vishay Dale CRCW04021M00FKED Digl-Key \$41.10MLDKR-ND 43 RV1 \$3.0066 1 MOV. 12V, 0603, RoHS Digl-MS CG0603MLC-12E Digl-Key CC0603MLC-12E Digl-Key CC0603MLC-12E Digl-Key CC0603MLC-12E Digl-Key CC07003MLC-12E Digl-Key CC07003MLC-12E Digl-Key CC0603MLC-12E Digl-Key CC07603MLC-12E Digl-Key CC07603MLC-12E Digl-Key Digl-Key Digl-Key	40	R44, R47, R53, R56	53-0073	4	10k ohm, 0.1%, 1/16W, 0402, RoHS	Vishay Dale	TNPW040210K0BEED	Digi-Key	TNP10.0KDADKR-ND
RV1	41	R45, R54	53-0049-19	2	332 ohm, 1%, 1/16W, 0402, RoHS	Vishay Dale	CRCW0402332RFKED	Digi-Key	541-332LDKR-ND
1	42	R46, R55, R57, R58	53-0049-20	2	1M ohm, 1%, 1/16W, 0402, RoHS	Vishay Dale	CRCW04021M00FKED	Digi-Key	541-1.00MLDKR-ND
45 U2, U3 54-0053 2 Step Down DC-DC, 4.5V-45V, 50mA, RoHS Linear Technology LTC3642EDD-3.3#PBF Digi-Key LTC3642EDD-3.3#PBF A	43	RV1	53-0066	1	MOV, 12V, 0603, RoHS	BOURNS	CG0603MLC-12E	Digi-Key	CG0603MLC-12EDKR-ND
46 U4 S4-0056 1 Digital Isolator, 3-5.5V, uSOP8, RoHS NVE Corp/Isolation Products IL712-1E Digi-Key 390-1105-5-ND	44	U1	54-0052	1	Current Monitor, 2.5V-20V, 1%, RoHS	Diodes Incorporated	ZXCT1010E5TA	Digi-Key	ZXCT1010DKR-ND
47 U5 S4-0055 1 XOR, 1.65-5.5V, uPAK6, RoHS Fairchild Semiconductor NC7SZ86L6X Digi-Key NC7SZ86L6XDKR-ND 48 U6 S4-0057 1 Silicon delay, 3-3.6V, USOP8, RoHS Maxim Integrated DS1100LU-500+ Digi-Key DS1100LU-500+ND 49 U7 S4-0054 1 Comparator, 2.7-5.5V, 40nS, SOT23-8, RoHS Maxim Integrated MAX9142EKA+T Digi-Key MAX9142EKA+TDKR-NL 50 U8 S4-0058 1 FLIPFLOP, 1.65-5.5V, uPAk6, RoHS Fairchild Semiconductor NC7SZ175L6X Digi-Key NC7SZ175L6XFSDKR-NL 51 U9 S4-0059 1 Low Droupout negative regulator, -5V, 200mA Atmel AT90CAN128-16MU Digi-Key DIgi-Key DIgi-Key AT90CAN128-16MU Digi-Key AT90CAN128-16MU DIgi-Key AT90CAN128-16MU ND ND 52 U11 S4-0061 1 UC, 2.7-5.5V, 8bit, QFN64, RoHS Atmel AT90CAN128-16MU Digi-Key AT90CAN128-16MU ND ND ND 53 U12 S4-0079 1 Voltage inverter, 1.15-5.5V, 50mA, SOT23-6, RoHS RoHS Atmel AT90CAN128-16MU Digi-Key NCP1729SN35T1G ND ND ND ND ND ND ND N	45	U2, U3	54-0053	2	Step Down DC-DC, 4.5V-45V, 50mA, RoHS	Linear Technology	LTC3642EDD-3.3#PBF	Digi-Key	LTC3642EDD-3.3#PBF-ND
48 U6 54-0057 1 Silicon delay, 3-3.6V, uSOP8, RoHS Maxim Integrated DS1100LU-500+ Digi-Key DS1100LU-500+-ND 49 U7 54-0054 1 Comparator, 2.7-5.5V, 40nS, SOT23-8, RoHS Maxim Integrated MAX9142EKA+T Digi-Key MAX9142EKA+TDKR-NI 50 U8 54-0058 1 FLIPFLOP, 1.65-5.5V, uPAk6, RoHS Fairchild Semiconductor NC7SZ175L6X Digi-Key NC7SZ175L6XFSDKR-N 51 U9 54-0059 1 Low Droupout negative regulator, -5V, 200mA Linear Technology LT1964ESS-BYP#TRMPBF Digi-Key LT1964ESS-BYP#TRMPBFDKR-ND 52 U11 54-0061 1 uC, 2.7-5.5V, 8bit, QFN64, RoHS Atmel AT90CAN128-16MU Digi-Key AT90CAN128-16MURDR 53 U12 54-0079 1 Voltage inverter, 1.15-5.5V, 50mA, SOT23-6, RoHS ON SEMICONDUCTOR NCP1729SN35T1G Digi-Key NCP1729SN35T1GOSD 54 U13 54-0062 1 Temperature Sensor, 12bit I2C, SOT563, RoHS Texas Instruments TMP112AIDRLT Digi-Key 296-24621-6-ND 55	46	U4	54-0056	1	Digital Isolator, 3-5.5V, uSOP8, RoHS	NVE Corp/Isolation Products	IL712-1E	Digi-Key	390-1105-5-ND
1	47	U5	54-0055	1	XOR, 1.65-5.5V, uPAK6, RoHS	Fairchild Semiconductor	NC7SZ86L6X	Digi-Key	NC7SZ86L6XDKR-ND
RoHS RoHS RoHS RoHS RoHS RoHS RoHS Fairchild Semiconductor NC7SZ175L6X Digi-Key NC7SZ175L6XFSDKR-N	48	U6	54-0057	1	Silicon delay, 3-3.6V, uSOP8, RoHS	Maxim Integrated	DS1100LU-500+	Digi-Key	DS1100LU-500+-ND
51 U9 54-0059 1 Low Droupout negative regulator, -5V, -200mA Linear Technology LT1964ES5-BYP#TRMPBF Digi-Key LT1964ES5-BYP#TRMPBF 52 U11 54-0061 1 uC, 2:7-5.5V, 8bit, QFN64, RoHS Atmel A790CAN128-16MU Digi-Key A790CAN128-16MURD ND 53 U12 54-0079 1 Voltage inverter, 1.15-5.5V, 50mA, SOT23-6, RoHS ON SEMICONDUCTOR NCP1729SN35T1G Digi-Key NCP1729SN35T1GOSD ND 54 U13 54-0062 1 Texas Instruments TMP112AIDRLT Digi-Key A790CAN128-16MURD ND 55 U14 54-0062 1 Tri-axis accelerometer, 12C, LGA10, RoHS Kionix KXTE9-2050 Mouser 912-KXTE9-2050 56 U15, U18 54-0080 2 OPA, 1.8-5.5V, DFN8, RoHS Texas Instruments OPA2333AIDRBT Digi-Key 296-19544-6-ND 57 U16, U20 54-0081 2 OPA, 1.8-5.5V, DFN8, RoHS Linear Technology LT1168ACS8#PBF Digi-Key LT1168ACS8#PBF-ND 58 U17 54-0082 1 Dig	49	U7	54-0054	1		Maxim Integrated	MAX9142EKA+T	Digi-Key	MAX9142EKA+TDKR-ND
200mA BYP#TRMPBFDKR-ND BYP#TRMPBFDK-ND BYP	50	U8	54-0058	1	FLIPFLOP, 1.65-5.5V, uPAk6, RoHS	Fairchild Semiconductor	NC7SZ175L6X	Digi-Key	NC7SZ175L6XFSDKR-ND
ND	51	U9	54-0059	1		Linear Technology	LT1964ES5-BYP#TRMPBF	Digi-Key	
KOHS ND 54 U13 54-0062 1 Temperature Sensor,12bit I2C, SOT563, RoHS Texas Instruments TMP112AIDRLT Digi-Key 296-24621-6-ND 55 U14 54-0074 1 Tri-axis accelerometer, I2C, LGA10, RoHS Kionix KXTE9-2050 Mouser 912-KXTE9-2050 56 U15, U18 54-0080 2 OPA, 1.8-5.5V, DFN8, RoHS Texas Instruments OPA2333AIDRBT Digi-Key 296-19544-6-ND 57 U16, U20 54-0081 2 Op-Amp Instrumentation, 400kHz, SOIC8-N, RoHS Linear Technology LT1168ACS8#PBF Digi-Key LT1168ACS8#PBF-ND 58 U17 54-0082 1 Digipot, 2.7-3.6V, SPI, QFN16, RoHS Maxim Integrated MAX5408ETE+T Digi-Key MAX5408ETE+-ND 59 U19 54-0083 1 Op-Amp, Dual, R-R, DFN8, RoHS Linear Technology LT1490ACDD#PBF Digi-Key LT1490ACDD#PBF-ND 60 U21 54-0066 1 MOSFET 2N, 60V, 0.305A, RoHS Vishay Siliconix SI1026X-T1-GE3 Digi-Key SI1026X-T1-GE3DKR-NI	52	U11	54-0061	1	uC, 2.7-5.5V, 8bit, QFN64, RoHS	Atmel	AT90CAN128-16MU	Digi-Key	AT90CAN128-16MURDKR- ND
RoHS RoHS Kionix KXTE9-2050 Mouser 912-KXTE9-2050 55 U14 54-0074 1 Tri-axis accelerometer, I2C, LGA10, RoHS Kionix KXTE9-2050 Mouser 912-KXTE9-2050 56 U15, U18 54-0080 2 OPA, 1.8-5.5V, DFN8, RoHS Texas Instruments OPA333AIDRBT Digi-Key 296-19544-6-ND 57 U16, U20 54-0081 2 Op-Amp Instrumentation, 400kHz, SOIC8-N, RoHS Linear Technology LT1168ACS8#PBF Digi-Key LT1168ACS8#PBF-ND 58 U17 54-0082 1 Digipot, 2.7-3.6V, SPI, QFN16, RoHS Maxim Integrated MAX5408ETE+T Digi-Key MAX5408ETE+-ND 59 U19 54-0083 1 Op-Amp, Dual, R-R, DFN8, RoHS Linear Technology LT1490ACDD#PBF Digi-Key LT1490ACDD#PBF-ND 60 U21 54-0066 1 MOSFET 2N, 60V, 0.305A, RoHS Vishay Siliconix SI1026X-T1-GE3 Digi-Key SI1026X-T1-GE3DKR-NI	53	U12	54-0079	1		ON SEMICONDUCTOR	NCP1729SN35T1G	Digi-Key	NCP1729SN35T1GOSDKR- ND
56 U15, U18 54-0080 2 OPA, 1.8-5.5V, DFN8, RoHS Texas Instruments OPA2333AIDRBT Digi-Key 296-19544-6-ND 57 U16, U20 54-0081 2 Op-Amp Instrumentation, 400kHz, SOIC8-N, RoHS Linear Technology LT1168ACS8#PBF Digi-Key LT1168ACS8#PBF-ND 58 U17 54-0082 1 Digipot, 2.7-3.6V, SPI, QFN16, RoHS Maxim Integrated MAX5408ETE+T Digi-Key MAX5408ETE+-ND 59 U19 54-0083 1 Op-Amp, Dual, R-R, DFN8, RoHS Linear Technology LT1490ACDD#PBF Digi-Key LT1490ACDD#PBF-ND 60 U21 54-0066 1 MOSFET 2N, 60V, 0.305A, RoHS Vishay Siliconix SI1026X-T1-GE3 Digi-Key SI1026X-T1-GE3DKR-NI	54	U13	54-0062	1		Texas Instruments	TMP112AIDRLT	Digi-Key	296-24621-6-ND
57 U16, U20 54-0081 2 Op-Amp Instrumentation, 400kHz, SOIC8-N, RoHS Linear Technology LT1168ACS8#PBF Digi-Key LT1168ACS8#PBF-ND 58 U17 54-0082 1 Digipot, 2.7-3.6V, SPI, QFN16, RoHS Maxim Integrated MAX5408ETE+T Digi-Key MAX5408ETE+-ND 59 U19 54-0083 1 Op-Amp, Dual, R-R, DFN8, RoHS Linear Technology LT1490ACDD#PBF Digi-Key LT1490ACDD#PBF-ND 60 U21 54-0066 1 MOSFET 2N, 60V, 0.305A, RoHS Vishay Siliconix SI1026X-T1-GE3 Digi-Key SI1026X-T1-GE3DKR-NI	55	U14	54-0074	1	Tri-axis accelerometer, I2C, LGA10, RoHS	Kionix	KXTE9-2050	Mouser	912-KXTE9-2050
KoHS RoHS Maxim Integrated MAX5408ETE+T Digi-Key MAX5408ETE+-ND 59 U19 54-0083 1 Op-Amp, Dual, R-R, DFN8, RoHS Linear Technology LT1490ACDD#PBF Digi-Key LT1490ACDD#PBF-ND 60 U21 54-0066 1 MOSFET 2N, 60V, 0.305A, RoHS Vishay Siliconix SI1026X-T1-GE3 Digi-Key SI1026X-T1-GE3DKR-NI	56	U15, U18	54-0080	2	OPA, 1.8-5.5V, DFN8, RoHS	Texas Instruments	OPA2333AIDRBT	Digi-Key	296-19544-6-ND
59 U19 54-0083 1 Op-Amp, Dual, R-R, DFN8, RoHS Linear Technology LT1490ACDD#PBF Digi-Key LT1490ACDD#PBF-ND 60 U21 54-0066 1 MOSFET 2N, 60V, 0.305A, RoHS Vishay Siliconix SI1026X-T1-GE3 Digi-Key SI1026X-T1-GE3DKR-NI	57	U16, U20	54-0081	2		Linear Technology	LT1168ACS8#PBF	Digi-Key	LT1168ACS8#PBF-ND
60 U21 54-0066 1 MOSFET 2N, 60V, 0.305A, RoHS Vishay Siliconix SI1026X-T1-GE3 Digi-Key SI1026X-T1-GE3DKR-NI	58	U17	54-0082	1	Digipot, 2.7-3.6V, SPI, QFN16, RoHS	Maxim Integrated	MAX5408ETE+T	Digi-Key	MAX5408ETE+-ND
	59	U19	54-0083	1	Op-Amp, Dual, R-R, DFN8, RoHS	Linear Technology	LT1490ACDD#PBF	Digi-Key	LT1490ACDD#PBF-ND
61 Y1 54-0073 1 Crystal 8MHz SMT, RoHS NDK NX5032GA-8.000M Digi-Kev 644-1132-6-ND	60	U21	54-0066	1	MOSFET 2N, 60V, 0.305A, RoHS	Vishay Siliconix	SI1026X-T1-GE3	Digi-Key	SI1026X-T1-GE3DKR-ND
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DRAWN K. Kowalski	11-18-2022	. (
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		В	Biopotential (BP2) PCB	Assembl	ly	
MATERIAL						
		SIZE	DOCUMENT NO.		1	EV
FINISH		В	51-2003		C)6
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