

## **BUILD OF MATERIALS (BOM)**

CAPACITORS			
Quantity	Reference	Value	Part Number
1	C1	1.5 nF	<a href="#">PCF1103CT-ND</a>
4	C2, C4, C6, C8	10 µF	<a href="#">495-2238-2-ND</a>
4	C3, C5, C7, C9	0.22 µF	<a href="#">T499A224K035ATE18K</a>

RESISTORS			
Quantity	Reference	Value	Part Number
8	R1, R3, R16, R18, R29, R31, R42, R44	47 kΩ	<a href="#">RT0805WRB0747KL</a>
4	R2, R17, R30, R43	15 kΩ	<a href="#">RT0805WRB0715KL</a>
24	R4, R5, R6, R7, R8, R9, R19, R20, R21, R22, R23, R24, R32, R33, R34, R35, R36, R37, R45, R46, R47, R48, R49, R50	10 kΩ	<a href="#">RT0805WRB0710KL</a>
2	R10, R11	1 MΩ	<a href="#">RT1206BRD071ML</a>
4	R12, R26, R38, R52	1 kΩ	<a href="#">RT0805WRB071KL</a>
8	R13, R14, R25, R27, R39, R40, R51, R53	56 kΩ	<a href="#">RT0805WRB0756KL</a>
4	R15, R28, R41, R54	1.5 kΩ	<a href="#">RT0805WRB071K5L</a>

INTEGRATED CIRCUITS			
Quantity	Reference	Value	Part Number
6	U1, U2, U3, U4, U5, U6	ADTL084ARZ	<a href="#">ADTL084ARZ-REEL7</a>

MISCELLANEOUS			
Quantity	Reference	Value	Part Number
1	ELETRODES	DB9-CONNECTOR	<a href="#">5747840-6</a>
1	JUMPER	TBLOCK-I2	<a href="#">1716020000</a>
1	OUTPUT_TO_MUX	TBLOCK-I5	<a href="#">1716030000</a>
1	POWER	TBLOCK-I3	<a href="#">9994140000</a>