

## TIDA-00972 REV E2 Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
PCB	1		TIDA-00972	Any	Printed Circuit Board	
C1, C2, C3	3	0.1uF	885012105016	Würth Elektronik	CAP, CERM, 0.1 µF, 16 V, +/- 20%, X5R, 0402	0402
H1, H2, H3, H4	4		NY PMS 440 0025 PH	B&F Fastener Supply	Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead	Screw
H5, H6, H7, H8	4		1902C	Keystone	Standoff, Hex, 0.5"L #4-40 Nylon	Standoff
H9, H10, H11, H12	4		SJ-5303 (CLEAR)	3M	Bumpon, Hemisphere, 0.44 X 0.20, Clear	Transparent Bumpon
J1	1		'SMP-04V-B	JST	pads for wires to SMP-04V-B, 2.54 pitch/disconnectable crimp style wire-to-wire connector, male. (SMP-04V-BC as the female part.)	SMP-04V-B, SM type 4x1 board to wire connector
R1, R6, R7	3	0	RC0402JR-070RL	Yageo America	RES, 0, 5%, 0.063 W, 0402	0402
R2, R3	2	5.90k	CRCW04025K90FKED	Vishay-Dale	RES, 5.90 k, 1%, 0.063 W, 0402	0402
R4, R5	2	2.4k	CRCW04022K40JNED	Vishay-Dale	RES, 2.4 k, 5%, 0.063 W, 0402	0402
U1	1		TCA9517DGKR	Texas Instruments	LEVEL-TRANSLATING I2C BUS REPEATER, DGK0008A	DGK0008A
U2	1		HDC1080DMBR	Texas Instruments	Low Power, High Accuracy Digital Humidity Sensor with Temperature Sensor, DMB0006A	DMB0006A
FID1, FID2, FID3	0		N/A	N/A	Fiducial mark. There is nothing to buy or mount.	Fiducial

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