

## TIDA-01555 REV E1 Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
IPC1	1		TIDA-01555	Any	Printed Circuit Board	
C1, C2, C5, C6, C7, C8, C11, C12	8	1000pF	C0603X102K5RACTU	Kemet	CAP, CERM, 1000 pF, 50 V, +/- 10%, X7R, 0603	0603
C3, C4, C9, C10	4	0.01uF	06031C103JAT2A	AVX	CAP, CERM, 0.01 uF, 100 V, +/- 5%, X7R, 0603	0603
C13, C14, C15, C16	4	330pF	08055A331KAT2A	AVX	CAP, CERM, 330 pF, 50 V, +/- 10%, C0G/NP0, 0805	0805
D1, D2, D3, D4, D5, D6, D7, D8	8	12V	SMAJ12CA	Littelfuse	Diode, TVS, Bi, 12 V, SMA	SMA
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
J1, J2, J3, J4, J6, J7, J8, J9, J10	9		ED120/2DS	On-Shore Technology	Terminal Block, 5.08 mm, 2x1, Brass, TH	2x1 5.08 mm Terminal Block
J5	1		SBH11-PBPC-D10-ST-BK	Sullins Connector Solutions	Header (Shrouded), 2.54mm, 10x2, Gold, Black, TH	Header (Shrouded), 2.54mm, 10x2, TH
L1, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L12, L13, L14, L15, L16	16	21 ohm	FBMJ2125HM210NT	Taiyo Yuden	Ferrite Bead, 21 ohm @ 100 MHz, 6 A, 0805	0805
R1, R2, R11, R13, R17, R18, R27, R29	8	1.0k	CRCW06031K00JNEA	Vishay-Dale	RES, 1.0 k, 5%, 0.1 W, 0603	0603
R3, R4, R9, R10, R19, R20, R25, R26	8	100k	RC0603FR-07100KL	Yageo America	RES, 100 k, 1%, 0.1 W, 0603	0603
R5, R6, R7, R8, R21, R22, R23, R24	8	200	CRCW0603200RFKEA	Vishay-Dale	RES, 200, 1%, 0.1 W, 0603	0603
R12, R14, R15, R16, R28, R30, R31, R32, R46, R48, R49, R64, R66	13	0	CRCW06030000Z0EA	Vishay-Dale	RES, 0, 5%, 0.1 W, 0603	0603
R33, R34, R35, R36, R37, R38, R39, R40, R51, R52, R53, R54, R55, R56, R57, R58	16	330k	RC1206FR-07330KL	Yageo America	RES, 330 k, 1%, 0.25 W, 1206	1206
R41, R42, R45, R47, R59, R60, R63, R65	8	12.0	RC0603FR-0712RL	Yageo America	RES, 12.0, 1%, 0.1 W, 0603	0603
R43, R44, R61, R62	4	29.4k	CRCW120629K4FKEA	Vishay-Dale	RES, 29.4 k, 1%, 0.25 W, 1206	1206
TIDA-01555_sensor	1		THT-14-423-10	Brady	Thermal Transfer Printable Labels, 0.650" W x 0.200" H - 10,000 per roll	PCB Label 0.650"H x 0.200"W
TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8	8		1573-2	Keystone	Terminal, Turret, TH, Double	Keystone1573-2
FID1, FID2, FID3	0		N/A	N/A	Fiducial mark. There is nothing to buy or mount.	Fiducial