



TIDA - 1467 REV E1 Bill of Materials

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	IPCB1	1		TIDA - 1467	Any	Printed Circuit Board	
2	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12	12	1uF	C0603C105K3RACTU	Kemet	CAP, CERM, 1 µF, 25 V, +/- 10%, X7R, 0603	0603
3	J1, J2, J3, J4, J5, J6, J7, J8, J9, J10	10		961102-6404-AR	3M	Header, 2.54mm, 2x1, TH	Header, 2.54mm, 2x1, TH
4	J11, J12, J13	3		OSTTA024163	On-Shore Technology	Terminal Block, 2x1, 5.08mm, TH	2x1 Terminal Block
5	LBL1	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
6	R1, R2, R6, R10, R11, R15, R19, R20, R24, R28, R29, R33, R37, R38, R42, R46, R47, R51, R74, R75, R76, R77, R78, R79, R80, R81, R82, R83, R84, R85, R86, R87, R88, R89	34	0	RC0402JR-070RL	Yageo America	RES, 0, 5%, 0.063 W, 0402	0402
7	R5, R14, R23, R32, R41, R50	6	75.0	CRCW080575R0FKEA	Vishay-Dale	RES, 75.0, 1%, 0.125 W, 0805	0805
8	R8, R9, R17, R18, R26, R27, R35, R36, R44, R45, R53, R54	12	10.0k	CRCW060310K0FKEA	Vishay-Dale	RES, 10.0 k, 1%, 0.1 W, 0603	0603
9	U1, U2, U3, U4, U5, U6	6		DRV425RTJR	Texas Instruments	Fluxgate Magnetic Field Sensor, RTJ0020G	RTJ0020G
10	C13, C14, C15, C16	0	1uF	C0603C105K3RACTU	Kemet	CAP, CERM, 1 µF, 25 V, +/- 10%, X7R, 0603	0603
11	C17	0	1nF	Used in BOM report	Used in BOM report	CAP, CERM, xxxF, xxV, [TempCo], xx%, [PackageReference]	Used in PnP output and some BOM reports
12	C18, C19, C20, C21, C22, C23, C24, C29, C30, C31, C32, C33, C34, C35, C36	0		Used in BOM report	Used in BOM report	CAP, CERM, xxxF, xxV, [TempCo], xx%, [PackageReference]	Used in PnP output and some BOM reports
13	C25, C26, C27, C28, C37, C38, C39, C40	0	0.01uF	C0603H103J3GACTU	Kemet	CAP, CERM, 0.01 µF, 25 V, +/- 5%, C0G/NP0, 0603	0603
14	FID1, FID2, FID3	0		N/A	N/A	Fiducial mark. There is nothing to buy or mount.	Fiducial
15	R3, R4, R7, R12, R13, R16, R21, R22, R25, R30, R31, R34, R39, R40, R43, R48, R49, R52, R55, R56, R57, R58, R60, R61, R64, R65, R66, R67, R69, R70, R73	0	0	RC0402JR-070RL	Yageo America	RES, 0, 5%, 0.063 W, 0402	0402
16	R59, R68	0	75.0	CRCW080575R0FKEA	Vishay-Dale	RES, 75.0, 1%, 0.125 W, 0805	0805
17	R62, R63, R71, R72	0	10.0k	CRCW060310K0FKEA	Vishay-Dale	RES, 10.0 k, 1%, 0.1 W, 0603	0603
18	U7, U8	0		DRV425RTJR	Texas Instruments	Fluxgate Magnetic Field Sensor, RTJ0020G	RTJ0020G

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Mailing Address: Texas Instruments, Post Office Box 655303, Dallas, Texas 75265
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