

Variant: 001
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TIDA-01172 REV E1 Bill of Materials

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	IPCB	1		TIDA-01172	Any	Printed Circuit Board	
2	BT_in	1	Red	5010	Keystone	Test Point, Multipurpose, Red, TH	Red Multipurpose Testpoint
3	C_cc	1	0.033uF	GRM188R71H333KA61D	MuRata	CAP, CERM, 0.033 uF, 50 V, +/- 10%, X7R, 0603	0603
4	C_delay, C_in, C_out	3	2.2uF	C0603C225K9PACTU	Kemet	CAP, CERM, 2.2 uF, 6.3 V, +/- 10%, X5R, 0603	0603
5	EN	1		5-146280-3	TE Connectivity	Header, 2.54mm, 3x1, Gold, TH	Header, 2.54mm, 3x1, TH
6	GND	1	Black	5011	Keystone	Test Point, Multipurpose, Black, TH	Black Multipurpose Testpoint
7	J1, J2	2		SSW-110-23-F-S	Samtec	Connector, Receptacle, 100mil, 10x1, Gold plated, TH	10x1 Receptacle
8	R1	1	44.2k	RC0603FR-0744K2L	Yageo America	RES, 44.2 k, 1%, 0.1 W, 0603	0603
9	R2a	1	274k	RC0603FR-07274KL	Yageo America	RES, 274 k, 1%, 0.1 W, 0603	0603
10	R2b, R_pullup	2	100k	RC0603FR-07100KL	Yageo America	RES, 100 k, 1%, 0.1 W, 0603	0603
11	U1	1		LP3982IMM-ADJ/NOPB	Texas Instruments	Micropower, Ultra Low-Dropout, Low-Noise, 300mA CMOS Regulator, 8-pin Mini SOIC, Pb-Free	MUA08A
12	Vout	1	Orange	5013	Keystone	Test Point, Multipurpose, Orange, TH	Orange Multipurpose Testpoint
13	FID1, FID2, FID3	0		N/A	N/A	Fiducial mark. There is nothing to buy or mount.	Fiducial

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