



### TIDA-00783 REV E1 Bill of Materials

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	!PCB1	1		TIDA-00783	Any	Printed Circuit Board	
2	C1	1	47uF	EEE-FK1H470XP	Panasonic	CAP, AL, 47 µF, 50 V, +/- 20%, 0.68 ohm, SMD	SMT Radial D8
3	C2	1	10uF	GRM32ER71H106KA12L	MuRata	CAP, CERM, 10 µF, 50 V, +/- 10%, X7R, 1210	1210
4	C3	1	0.1uF	GRM188R71H104KA93D	MuRata	CAP, CERM, 0.1 µF, 50 V, +/- 10%, X7R, 0603	0603
5	C4, C8, C11, C13, C16	5	2.2uF	GRM188R71A225KE15D	MuRata	CAP, CERM, 2.2 µF, 10 V, +/- 10%, X7R, 0603	0603
6	C5, C6, C7, C12	4	47uF	GRM31CR61A476KE15L	MuRata	CAP, CERM, 47 µF, 10 V, +/- 10%, X5R, 1206	1206
7	C9	1	16pF	GRM1885C1H160JA01D	MuRata	CAP, CERM, 16 pF, 50 V, +/- 5%, C0G/NP0, 0603	0603
8	C10, C15	2	22uF	GRM31CR71A226KE15L	MuRata	CAP, CERM, 22 µF, 10 V, +/- 10%, X7R, 1206	1206
9	C14	1	20pF	GRM1885C1H200JA01D	MuRata	CAP, CERM, 20 pF, 50 V, +/- 5%, C0G/NP0, 0603	0603
10	R1	1	80.6k	CRCW060380K6FKEA	Vishay-Dale	RES, 80.6 k, 1%, 0.1 W, 0603	0603
11	R2	1	40.2k	CRCW060340K2FKEA	Vishay-Dale	RES, 40.2 k, 1%, 0.1 W, 0603	0603
12	R3	1	97.6k	CRCW060397K6FKEA	Vishay-Dale	RES, 97.6 k, 1%, 0.1 W, 0603	0603
13	R4	1	8.87k	CRCW06038K87FKEA	Vishay-Dale	RES, 8.87 k, 1%, 0.1 W, 0603	0603
14	R5, R6	2	30.1k	CRCW060330K1FKEA	Vishay-Dale	RES, 30.1 k, 1%, 0.1 W, 0603	0603
15	TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8	8		5019	Keystone	Test Point, Miniature, SMT	Test Point, Miniature, SMT
16	U1	1		LMZ36002HRVQ	Texas Instruments	60V Input, 6V to 24V Output, 2A, RVQ0043A	RVQ0043A
17	U2, U3	2		LMZ20502SILR	Texas Instruments	2A Buck Simple Switcher Nano Module, SIL0008F	SIL0008F
18	FID1, FID2, FID3	0		N/A	N/A	Fiducial mark. There is nothing to buy or mount.	Fiducial

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