

Variant: None  
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 TID #: TIDA-01597



**TIDA-01597 REV E1 Bill of Materials**

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	IPC1	1		TIDA-01597	Any	Printed Circuit Board	
2	C1	1	1500pF	GRM188R72A152KA01D	MuRata	CAP, CERM, 1500 pF, 100 V, +/- 10%, X7R, 0603	0603
3	C2	1	100uF	EEE-FK1V101P	Panasonic	CAP, AL, 100 µF, 35 V, +/- 20%, 0.16 ohm, AEC-Q200 Grade 2, SMD	SMT Radial F
4	C3, C4, C5	3	0.1uF	C1608X7R1E104K080AA	TDK	CAP, CERM, 0.1 µF, 25 V, +/- 10%, X7R, 0603	0603
5	C6	1	390pF	GRM1885C2A391JA01D	MuRata	CAP, CERM, 390 pF, 100 V, +/- 5%, COG/NP0, 0603	0603
6	C7	1	0.033uF	06035C333JAT2A	AVX	CAP, CERM, 0.033 µF, 50 V, +/- 5%, X7R, 0603	0603
7	C9, C10	2	180pF	GRM1885C1H181JA01D	MuRata	CAP, CERM, 180 pF, 50 V,+/- 5%, COG/NP0, 0603	0603
8	D2	1	27V	MMBZ27VCL-7-F	Diodes Inc.	Diode, TVS, Uni, 27 V, 38 Vc, SOT-23	SOT-23
9	FID1, FID2, FID3, FID4, FID5, FID6	6		N/A	N/A	Fiducial mark. There is nothing to buy or mount.	Fiducial
10	J1	1		TSW-102-07-G-S	Samtec	Header, 100mil, 2x1, Gold, TH	2x1 Header
11	J2	1		TSW-103-07-G-S	Samtec	Header, 100mil, 3x1, Gold, TH	3x1 Header
12	L1	1	300 ohm	74279264	Würth Elektronik	Ferrite Bead, 300 ohm @ 100 MHz, 0.2 A, 0603	0603
13	R1, R3	2	100	CRCW0603100RJNEA	Vishay-Dale	RES, 100, 5%, 0.1 W, 0603	0603
14	R2	1	2.7k	RC0603JR-072K7L	Yageo America	RES, 2.7 k, 5%, 0.1 W, 0603	0603
15	R4	1	10k	RC0603JR-0710KL	Yageo America	RES, 10 k, 5%, 0.1 W, 0603	0603
16	R5	1	100	CRCW0603100RFKEA	Vishay-Dale	RES, 100, 1%, 0.1 W, 0603	0603
17	T1	1	3mH	B78416A2232A003	TDK	Transformer, 3 mH, SMT	8.8x7.6mm
18	U1	1		PGA460TPWRQ1	Texas Instruments	PGA460TPWRQ1, PW0016A (TSSOP-16)	PW0016A

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