

Variant: 001  
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 TID #: TIDA-00978



TIDA-00978 REV A Bill of Materials

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	PCB	1		TIDA-00978	Any	Printed Circuit Board	
2	C1	1	2.2uF	GRM31MR71E225KA93L	MuRata	CAP, CERM, 2.2 uF, 25 V, +/- 10%, X7R, 1206	1206
3	C2	1	0.22uF	GRM188R71E224KA88D	MuRata	CAP, CERM, 0.22 uF, 25 V, +/- 10%, X7R, 0603	0603
4	C3	1	0.01uF	GRM155R71E103KA01D	MuRata	CAP, CERM, 0.01 uF, 25 V, +/- 10%, X7R, 0402	0402
5	C4	1	0.1uF	12061C104MAT2A	AVX	CAP, CERM, 0.1 uF, 100 V, +/- 20%, X7R, 1206	1206
6	C5	1	0.01uF	06031C103MAT2A	AVX	CAP, CERM, 0.01 uF, 100 V, +/- 20%, X7R, 0603	0603
7	C6	1	1.5pF	GRM1555C1H1R5CA01D	MuRata	CAP, CERM, 1.5 pF, 50 V, +/- 5%, C0G/NP0, 0402	0402
8	C8, C9	2	0.1pF	GRM0335C1ER10WA01D	MuRata	CAP, CERM, 0.1pF, 25 V, +/- 50%, C0G/NP0, 0201	0201
9	H1, H2, H3, H4	4		NY PMS 440 0025 PH	B&F Fastener Supply	Machine Screw, Round, #4-40 x 1/4, Nylon, Phillips panhead	Screw
10	H5, H6, H7, H8	4		1902C	Keystone	Standoff, Hex, 0.5"L #4-40 Nylon	Standoff
11	J1, J2, J3	3		142-0701-851	Emerson Network Power	Connector, End launch SMA, 50 ohm, SMT	SMA End Launch
12	J4, J7	2		61300211121	Würth Elektronik	Header, 2.54 mm, 2x1, Gold, TH	Header, 2.54mm, 2x1, TH
13	J5, J6	2		61300311121	Würth Elektronik	Header, 2.54 mm, 3x1, Gold, TH	Header, 2.54mm, 3x1, TH
14	L1	1	1000 ohm	BLM21AG102SN1D	MuRata	Ferrite Bead, 1000 ohm @ 100 MHz, 0.5 A, 0805	0805
15	P1, P2, P3	3		6095	Keystone	Standard Banana Jack, Uninsulated	Keystone_6095
16	R1, R2, R11, R12, R13, R14	6	0	CRCW06030000Z0EA	Vishay-Dale	RES, 0, 5%, 0.1 W, 0603	0603
17	R3	1	49.9	CRCW060349R9FKEA	Vishay-Dale	RES, 49.9, 1%, 0.1 W, 0603	0603
18	R4, R5	2	3.40k	CRCW04023K40FKED	Vishay-Dale	RES, 3.40 k, 1%, 0.063 W, 0402	0402
19	R6, R7	2	487	CRCW0603487RFKEA	Vishay-Dale	RES, 487, 1%, 0.1 W, 0603	0603
20	R8	1	56.2	CRCW060356R2FKEA	Vishay-Dale	RES, 56.2, 1%, 0.1 W, 0603	0603
21	SH-J4_1-OPEN, SH-J5_1-2, SH-J6_1-2	3	1x2	969102-0000-DA	3M	Shunt, 100mil, Gold plated, Black	Shunt
22	T1	1		ADT1-1WT+	Minicircuits	RF Transformer, 75 ohm, 0.4 to 800 MHz, SMT	CD542
23	U1	1		OPA857IRGTR	Texas Instruments	Ultralow-Noise, Wideband, Selectable-Feedback Resistance Transimpedance Amplifier, RGT0016A	RGT0016A
24	C7	0	3.9pF	GRM1555C1E3R9CA01D	MuRata	CAP, CERM, 3.9 pF, 25 V, +/- 5%, C0G/NP0, 0402	0402
25	D1	0		NR7500CP-CC-A	NEC Tokin	50 um InGaAs PIN-PD COAXIAL MODULE FOR 2.5 Gb/s FIBEROPTIC COMMUNICATIONS	Edge Mount, 3-Leads
26	FID1, FID2, FID3	0		N/A	N/A	Fiducial mark. There is nothing to buy or mount.	Fiducial
27	R9, R10, R15	0	0	CRCW06030000Z0EA	Vishay-Dale	RES, 0, 5%, 0.1 W, 0603	0603
28	TP1, TP2, TP3	0		5019	Keystone	Test Point, Miniature, SMT	Test Point, Miniature, SMT

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