		TSW3070 RevC BOM					DNI = DO NOT INSTALL	
Item	Otre	Part Reference	Value	PCB Footprint	Mfr Name	Mfr Part Number	Note	TI Supplied
1		C1 C2 C5 C8 C56 C79 C124	.01uF	0603	Panasonic	ECJ-1VB1C103K	Note	11 Supplied
2		C3	0.15uF	0402	AVX	04026D154KAT2A		
		C4 C29 C48 C127 C135 C136 C140	0.1301	0402				
3	8	C141	1000pF	0402	Panasonic	ECJ-0EB1E102K		
	<u> </u>	C6 C7 C9-C15 C17 C18 C20 C23-		0102	1 dildoonio			
		C25 C27 C33 C38-C47 C50-C52 C57						
		C61 C66 C94-C96 C100 C103 C105						
		C107 C130 C131 C149 C156 C160						
4	47	C166 C168	.1uF	0402	Panasonic	ECJ-0EB1C104K		
		C16 C21 C32 C53 C54 C80 C93 C97						
5	13	C101 C102 C104 C106 C126	10uF	tant a	Kermet	T494A106M016AS		
6	1	C22	560pF	0402	Panasonic	ECJ-0EB1H561K		
7	1	C31	100pF	0402	Panasonic	ECJ-0EB1E101K		
8	4	C34 C78 C91 C125	1uF	0603	Panasonic	ECJ-1V41E105M		
9	1	C35	.47uF	0603	Murata	GRM188R71C474KA88D		
10	1	C36	22uF	TANT_A	KEMET	T494A226M010AT		
11	1	C37	2.2uF	1206	muRata	GRM31MR71C225KA35L		
12	6	C49 C90 C92 C99 C128 C129	.01uF	0402	Panasonic	ECJ-0EB1E103K		
13	1	C58	4.7uF	tant_a	AVX	TAJA475K020R		
14	2	C59 C60	47pF	0603	Panasonic	ECJ-1VC1H470J		
15		C62	100uF	tant_c	AVX	TPSC1070M010R0075		
16	1	C63	1uF	tant_a	AVX	T494A105M016AT		
17	1	C64	4.7uF	tant_b	AVX	T494B475M010AT		
		C67 C68 C81 C123 C153 C157 C162						
18	-	C165 C169	47uF	tant_b	Kemet	T494B476M010AS		
19		C132 C134 C137 C139	5pF	0603	AVX	06031A5R0BAT2A		
20		C133 C138	16pF	0603	JOHANSON TECH	251R14S160GV4T		
21	0	C142-C145	15pF	0402	Panasonic	ECD-G0E150J_DNI	DNI	
		C148 C154 C161 C163 C167 C170			_			
22		C349	10uF	1206	Panasonic	ECJ-3YB1C106K		
23		C155 C158 C159 C164	10uF	1206	Panasonic	ECJ-3YB1C106K	LOW ESR	
24		C171	.015uF	0402	Panasonic	ECJ-0EB1C153K		
25		D1-D3 D18	Green	LED_0805	Panasonic	LNJ306G5UUX		
26	1		20V, 1A	MCC_SOD123	On Semi	MBR120LSFT1G		
27	16	FB1-FB4 FB7 FB10 FB11 FB13- FB16 FB23-FB27	68 OHM @ 100MHz	1206	Panasonic	EXC-ML32A680U		
28		J1 J3	SMA_PCB_THVT	SMA_THVT_312x312	Johnson Components	142-0701-201		
20		J6-J11 J16		SMA_SMEL_218x247_096	Johnson Components	142-0761-201		
30		J12	CONN JACK PWR	CON_RAPC722_JACK_THVT_3	Switchcraft	RAPC722		
31		J13	USB_B_S_F_B_TH	CON_THRT_USB_B_F	SAMTEC	USB-B-S-F-B-TH		
32		J24	BANANA JACK RED		SPC Technology	845-R	1	
33		J25	BANANA JACK BLK	CON THVT BANANA JACK 250DIA	SPC Technology	845-B	1	
34		J5	ASP-122952-01	CON_SMVT_160POS_ASP_122952	SAMTEC	ASP-122952-01	1	
35		JP8 JP13 JP14 JP16	Jumper_1x3_100_430L	HDR_THVT_1x3_100_M	SAMTEC	HMTSW-103-07-G-S230	(SHUNT 2-3) USE ITEM 111	
36		JP10-JP12 JP15	Jumper_1x3_100_430L	HDR_THVT_1x3_100_M	SAMTEC	HMTSW-103-07-G-S230	(SHUNT 1-2) USE ITEM 111	
37		JP19		HDR_THVT_1x2_100_M	SAMTEC	HMTSW-102-07-G-S230		
38		L6 L7	56nH	IND_0603	Panasonic	ELJ-RE56NJF3_DNI	DNI	
39		L8 L10 L11 L16	68nH	0603	COILCRAFT	0603CS-68NXGLU		
40				IND_SM_MSS1048	COILCRAFT	MSS1048-104MLB		
		L12-L15	250nH	0603	COILCRAFT	0603CS-R25XGL		
42	0	R1 R2 R4 R5 R12 R14 R17 R19	1K	0402	Panasonic	ERJ-2RKF1001X_DNI	DNI	
		R3 R7 R13 R21 R26 R80 R82 R90						
43	<u>1</u> 0	R93 R96	100	0402	Panasonic	ERJ-2RKF1000X		
		R6 R15 R20 R27 R35 R118 R159-						
44		R164	0	0603	Panasonic	ERJ-3GEY0R00V		
45	5	R8 R22 R44 R49 R62		0402	Panasonic	ERJ-2GE0R00X		
46			93.1	0402	Panasonic	ERJ-2RKF93R1X		
47		R11 R24 R132 R133		0603	Yageo	RC0603FR-0760R4L_DNI	DNI	
48	0	R16	100	0603	Panasonic	ERJ-3EKF1000V_DNI	DNI	

Item	Otv	Part Reference	Value	PCB Footprint	Mfr Name	Mfr_Part_Number	Note	TI Supplied
49		R18	953	0402	Panasonic	ERJ-2RKF9530X	noic	rioupplicu
50		R25	1K	0402	Panasonic	ERJ-2RKF1001X		
51			750	0402	Panasonic	ERJ-2RKF7500X		
52		R31 R32	130	0402	Panasonic	ERJ-2RKF1300X		
02	-		100	0.01				
53	0	R33 R34 R42 R43 R48 R54 R66 R67	130	0402	Panasonic	ERJ-2RKF1300X DNI	DNI	
54	-	R36 R37	82.5	0402	Panasonic	ERJ-2RKF82R5X		
55	6	R38 R39 R46 R47 R69 R70	150	0402	Panasonic	ERJ-2RKF1500X		
56		R40 R52 R57 R116	150	0402	Panasonic	ERJ-2RKF1500X_DNI	DNI	
57	0	R41 R109 R134-R136	0	0603	Panasonic	ERJ-3GEY0R00V_DNI	DNI	
58	0	R45 R51 R122 R123	0	0402	Panasonic	ERJ-2GE0R00X_DNI	DNI	
		R50 R56 R78 R79 R81 R84 R89 R95						
59			22.1	0402	Panasonic	ERJ-2RKF22R1X		
60	0	R53 R58	82.5	0402	Panasonic	ERJ-2RKF82R5X_DNI	DNI	
61	0	R55	49.9	0402	Panasonic	ERJ-2RKF49R9X_DNI	DNI	
62			10K	0402	Panasonic	ERJ-2RKF1002X		
63		R63	162	0402	Panasonic	ERJ-2RKF1620X		
64		R65	4.75K	0402	Panasonic	ERJ-2RKF4751X		
65		R68 R110	69.8	0603	PANASONIC	ERJ-3EKF69R8V		
66			75.0	0603	PANASONIC	ERJ-3EKF75R0V		
67			2.87K	0402	Panasonic	ERJ-2RKF2871X		
68		R74 R75 R83	100K	0603	Panasonic	ERJ-3EKF1003V		
69		R76	15.8K	0603	Panasonic	ERJ-3EKF1582V		
70		R77	30.1K	0603	Panasonic	ERJ-3EKF3012V		
71		R85 R91	249	0603	PANASONIC	ERJ-3EKF2490V		
72		R86 R94	499	0603	KOA Speer	RK73H1JTTD4990F		
73		R87	174	0603	PANASONIC	ERJ-3EKF1740V		
74		R88	187	0603	PANASONIC	ERJ-3EKF1870V		
75		R92	100 86.6	0603	Panasonic PANASONIC	ERJ-3EKF1000V		
76 77		R98 R99 R115	49.9	0603 0603	KOA Speer	ERJ-3EKF86R6V RK73H1JLTD49R9F_DNI	DNI	
78		R100 R125	49.9 130	0603	PANASONIC	ERJ-3EKF1300V	DINI	
79		R101	143	0603	PANASONIC	ERJ-3EKF1430V		
80		R102 R107	750	0603	Panasonic	ERJ-3EKF7500V		
81		R103 R106	374	0603	PANASONIC	ERJ-3EKF3740V		
82		R104	412	0603	PANASONIC	ERJ-3EKF4120V		
83		R105	464	0603	PANASONIC	ERJ-3EKF4640V		
84			226	0603	PANASONIC	ERJ-3EKF2260V		
85		R112	169	0603	PANASONIC	ERJ-3EKF1690V		
86		R117	300	0603	Panasonic	ERJ-3EKF3000V		
87	2	R119 R120	49.9	0603	KOA Speer	RK73H1JLTD49R9F		
88	1	R121	332	0603	YAGEO	RC0603FR-07332RL		
89		R126	665	0603	PANASONIC	ERJ-3EKF6650V		
90		R127	1.96K	0603	PANASONIC	ERJ-3EKF1961V		
91		R288	23.2K	0603	Panasonic	ERJ-3EKF2322V		
92		SJP4	Jumper_1x3_SMT	SJP3_JUMPER			(SHUNT 1-2) USE ITEM 112	
93		SW1	SW RESET	SW_SMVT_RESET	C&K	KT11P3JM		
94		T1 T2	ADT4-6T	TFMR_6_250x340_100	Mini-Circuits	ADT4-6T		
95		TP1-TP16	Testloop_Black	TP_THVT_060_RND	Components Corporation			
96			DAC5682Z		Texas Instruments	DAC5682Z		YES
97	1		CDCM7005	QFN_48_281x281_0p50mm_pwrpad	Texas Instruments	CDCM7005RGZT		YES
98	1		OSC-VECTRON	OSC_4_SM_460x386	Vectron	VTD3-J0BC-10M000		YES
99	1		FT245RL	SSOP_28_413x220_26	FTDI Chip	FT245RL		
100	1		800MHZ	VCXO_6	VECTRON	VS-705-LFF-GNN_800M0000		
101	1		TPS5430	PSOP_8P_THERMAL	Texas Instruments	TPS5430DDA		
102	1		UCC284-5	SOIC_8	Texas Instruments	UCC284DP-5		VEO
103			SN74AHC541PW	TSSOP_20_260x177_26	Texas Instruments	SN74AHC541PW		YES
104		U11 U13	SN74HC241PW TPS76750QPWP	TSSOP_20_260x177_26	Texas Instruments Texas Instruments	SN74HC241PW TPS76750QPWP	l	YES
105 106		U14	TPS76701QPWP	HTSSOP_20_260x177_26_pwrpad HTSSOP_20_260x177_26_pwrpad	Texas Instruments	TPS76701QPWP	1	
100	ı	דוט		111000F_20_200x177_20_pwipd0	10/03 11311011161113		1	I

Iter	n Qty	Part Reference	Value	PCB Footprint	Mfr_Name	Mfr_Part_Number	Note	TI Supplied
107	7 1	U15	TPS76733QPWP	HTSSOP_20_260x177_26_pwrpad	Texas Instruments	TPS76733QPWP		
108	3 1	U16	OPA695IDBVT	PSOP_6P_DBV	Texas Instruments	OPA695IDBVT		
109	9 1	U17	THS3095DDA	PSOP_8P_THERMAL	Texas Instruments	THS3095DDA		
11() 4	Z_SCREW1-Z_SCREW4	SCREW PANHEAD 4-40 x 3/8		Building Fasteners	PMS 440 0038 PH	SCREW FOR STANDOFF	
		Z_SH-H1-Z_SH-H4 Z_SH-H6 Z_SH-						
111	8	H9-Z_SH-H11	SHUNT-HEADER		Keltron	MJ-5.97-G	SHUNT FOR HEADER	
112			SHUNT-JUMPER-0603		Panasonic	ERJ-3GEY0R00V	SHUNT FOR JUMPER	
113	3 4	Z_STANDOFF1-Z_STANDOFF4	STANDOFF ALUM HEX 4-40 x .500		Keystone	2203	STANDOFF	

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