

ATW-T5000 Transmitter Electronic Parts List

INTEGRATED CIRCUIT			
Ref,No	Parts Name	Package	Note
IC1	NJM2068MD	SMT	8pin
IC2	DREAMT-1	SMT	64pin
IC3	SA572D	SMT	16pin
IC4	MB89P165	SMT	80pin
IC5	MB1511PFV	SMT	16pin
IC6	XC61CN4002NR	SMT	4pin
IC7	S-93C46AMFN	SMT	8pin
IC8	NJU6366DF	SMT	6pin
IC501	LTC3401EMS	SMT	10pin

DISPLAY			
Ref,No	Parts Name	Package	Note
	TX-LCD		

TRANSISTOR			
Ref,No	Parts Name	Package	Note
Q300	2SC4738Y	SMT	3pin
Q301	UPA604T	SMT	6pin
Q303	2SC4226	SMT	3pin
Q304	2SC5226	SMT	3pin
Q305	2SC5226	SMT	3pin
Q306	2SC5226	SMT	3pin
Q307	2SC5226	SMT	3pin
Q308	2SC4738Y	SMT	3pin
Q309	2SC4738Y	SMT	3pin
Q310	2SA1745	SMT	3pin
Q311	DTA114YE	SMT	3pin
Q501	2SC4738Y	SMT	3pin
Q502	CPH3106	SMT	3pin
Q503	2SC3324	SMT	3pin

DIODES & LED			
Ref,No	Parts Name	Package	Note
D1	NNCD6.2C	SMT	2pin
D2	NNCD6.2C	SMT	2pin
D3	NNCD6.2C	SMT	2pin
D4	NNCD12C	SMT	2pin
D14	HSC119	SMT	2pin
D15	SLC-9D126A	SMT	2pin
D101	1SS302	SMT	3pin
D102	1SS302	SMT	3pin
D103	NNCD12C	SMT	2pin
D201	NNCD6.2C	SMT	2pin
D202	NNCD6.2C	SMT	2pin
D206	NNCD6.2C	SMT	2pin
D301	HSC119	SMT	2pin
D501	NNCD6.2C	SMT	2pin
D502	DCG010	SMT	3pin
D503	NNCD6.2C	SMT	2pin
D504	NNCD6.2C	SMT	2pin
D505	DCG010	SMT	3pin
D506	SL12	SMT	2pin
D507	NNCD6.2C	SMT	2pin
D508	HRC0103ATRF	SMT	2pin
D509	HRC0103ATRF	SMT	2pin

INDUCTOR & COIL			
Ref,No	Parts Name	Package	
L1	LK16081R0K	SMT	2pin
L2	LK16081R0K	SMT	2pin
L3	LK16081R0K	SMT	2pin
L4	LK16081R0K	SMT	2pin
L5	LK10052R2K	SMT	2pin
L8	LK10052R2K	SMT	2pin
L9	LK10052R2K	SMT	2pin
L10	LK10052R2K	SMT	2pin
L101	LK10052R2K	SMT	2pin
L102	LK10052R2K	SMT	2pin

L301	LL1608-FSR10J	SMT	2pin
L302	LQN21A33NJ04	SMT	2pin
L303	LQN21A12NJ04	SMT	2pin
L304	LQN21A15NJ04	SMT	2pin
L305	LQN21A15NJ04	SMT	2pin
L306	LQN21A12NJ04	SMT	2pin
L307	LL1608-FSR10J	SMT	2pin
L308	LK16081R0K	SMT	2pin
L310	LK16081R0K	SMT	2pin
L501	CDRH6D38-100	SMT	2pin
L502	LEMF2520-100K	SMT	2pin
L503	LEMF2520-100K	SMT	2pin

SWITCH			
Ref,No	Parts Name	Package	
SW207	SKQMBA	SMT	2pin
SW208	SKQMBA	SMT	2pin
SW209	SKQMBA	SMT	2pin
SW501	SKHLLC	LEAD	4pin

VARIABLE CAPACITOR			
Ref,No	Parts Name	Package	
TC301	TC13C100C-TP03	SMT	2pin
TC302	TC13C060C-TP03	SMT	2pin

CRYSTAL			
Ref,No	Parts Name	Package	
X301	9.00MHz	LEAD	2pin

V C O			
Ref,No	Parts Name	Package	
VCO1	554M	SMT	

JACK PLUG & CONNECTOR			
Ref,No	Parts Name	Package	
CN2	52330-0417	LEAD	
CN301	MM7329-2700	SMT	
CN302	XX-2		

POTENTIOMETER			
Ref,No	Parts Name	Package	
VR3	RH02B1C14X	SMT	3pin
VR4	RH02B1C15X	SMT	3pin
VR201	RH02B1CS5X	SMT	3pin
VR300	RH02B1CJ4X	SMT	3pin
VR301	RH02B1CJ4X	SMT	3pin

CAPACITOR			
Ref,No	Parts Name	Package	Note
C1	100p/50V	SMT	Ceramic
C2	10uF/16V	SMT	Tantalum
C3	1uF/16V	SMT	Tantalum
C4	1uF/16V	SMT	Tantalum
C10	0.01uF/16V	SMT	Ceramic
C11	10uF/6.3V	SMT	Tantalum
C18	100pF/50V	SMT	Ceramic
C19	100pF/50V	SMT	Ceramic
C33	0.01uF/16V	SMT	Film
C34	470pF/50V	SMT	Ceramic
C35	2.2uF/10V	SMT	Tantalum
C36	820pF/50V	SMT	Ceramic
C37	470pF/50V	SMT	Ceramic
C38	56pF/50V	SMT	Ceramic
C39	2.2uF/10V	SMT	Tantalum
C42	10uF/6.3V	SMT	Tantalum

C43	0.01uF/16V	SMT	Ceramic
C44	2.2uF/10V	SMT	Tantalum
C45	2200pF/50V	SMT	Ceramic
C46	470pF/50V	SMT	Ceramic
C49	10uF/6.3V	SMT	Tantalum
C50	0.01uF/16V	SMT	Ceramic
C51	2.2uF/10V	SMT	Tantalum
C52	1uF/16V	SMT	Tantalum
C54	22pF/50V	SMT	Ceramic
C100	2.2uF/10V	SMT	Tantalum
C101	2.2uF/10V	SMT	Tantalum
C102	4700p/16V	SMT	Film
C103	220pF/50V	SMT	Ceramic
C104	0.1uF/10V	SMT	Ceramic
C105	56pF/50V	SMT	Ceramic
C106	10uF/6.3V	SMT	Tantalum
C107	10uF/16V	SMT	Tantalum
C108	0.01uF/16V	SMT	Ceramic
C109	0.047uF/16V	SMT	Film
C110	0.1uF/16V	SMT	Film
C111	0.47uF/16V	SMT	Tantalum
C112	10uF/6.3V	SMT	Tantalum
C113	4.7uF/10V	SMT	Tantalum
C115	4.7uF/10V	SMT	Tantalum
C116	1uF/16V	SMT	Tantalum
C117	1uF/16V	SMT	Tantalum
C118	1uF/16V	SMT	Tantalum
C119	2.2uF/10V	SMT	Tantalum
C120	0.1uF/25V	SMT	Ceramic
C121	0.47uF/16V	SMT	Tantalum
C122	0.01uF/16V	SMT	Ceramic
C123	0.01uF/16V	SMT	Ceramic
C201	0.01uF/16V	SMT	Ceramic
C202	10uF/6.3V	SMT	Tantalum
C203	0.01uF/16V	SMT	Ceramic
C204	10uF/6.3V	SMT	Ceramic
C206	4.7uF/10V	SMT	Tantalum
C207	0.01uF/16V	SMT	Ceramic
C208	10uF/6.3V	SMT	Tantalum

C300	100pF/50V	SMT	Ceramic
C301	10uF/6.3V	SMT	Tantalum
C305	10p/50V	SMT	Ceramic
C306	100pF/50V	SMT	Ceramic
C307	0.47uF/16V	SMT	Tantalum
C308	10uF/6.3V	SMT	Tantalum
C309	0.01uF/16V	SMT	Ceramic
C310	0.01uF/16V	SMT	Ceramic
C311	100p/50V	SMT	Ceramic
C312	47uF/6.3V	SMT	Tantalum
C313	100p/50V	SMT	Ceramic
C314	100p/50V	SMT	Ceramic
C315	100p/50V	SMT	Ceramic
C316	6p/50V	SMT	Ceramic
C317	47uF/6.3V	SMT	Tantalum
C318	2p/50V	SMT	Ceramic
C319	100p/50V	SMT	Ceramic
C320	100p/50V	SMT	Ceramic
C321	100p/50V	SMT	Ceramic
C322	6p/50V	SMT	Ceramic
C323	100p/50V	SMT	Ceramic
C324	100p/50V	SMT	Ceramic
C325	100p/50V	SMT	Ceramic
C326	100p/50V	SMT	Ceramic
C328	2.2uF/10V	SMT	Tantalum
C329	2p/50V	SMT	Ceramic
C330	6p/50V	SMT	Ceramic
C331	6p/50V	SMT	Ceramic
C332	6p/50V	SMT	Ceramic
C333	6p/50V	SMT	Ceramic
C334	3p/50V	SMT	Ceramic
C335	100p/50V	SMT	Ceramic
C336	47uF/6.3V	SMT	Tantalum
C337	100p/50V	SMT	Ceramic
C351	0.01uF/16V	SMT	Ceramic
C353	100p/50V	SMT	Ceramic
C354	47uF/6.3V	SMT	Tantalum
C355	100p/50V	SMT	Ceramic
C356	100p/50V	SMT	Ceramic
C357	1000pF/50V	SMT	Ceramic

C358	10uF/6.3V	SMT	Tantalum
C359	100p/50V	SMT	Ceramic
C361	1000pF/50V	SMT	Ceramic
C501	0.01uF/16V	SMT	Ceramic
C503	10uF/6.3V	SMT	POS CAP
C504	47uF/6.3V	SMT	Tantalum
C505	3300p/50V	SMT	Ceramic
C506	100p/50V	SMT	Ceramic
C507	10uF/6.3V	SMT	POS CAP
C508	10uF/6.3V	SMT	POS CAP
C509	10uF/6.3V	SMT	POS CAP
C510	10uF/6.3V	SMT	Tantalum
C511	10uF/16V	SMT	Tantalum
C512	22uF/16V	SMT	Tantalum
C513	10uF/16V	SMT	Tantalum
C514	0.1uF/10V	SMT	Ceramic
C521	0.1uF/10V	SMT	Ceramic
C522	0.1uF/10V	SMT	Ceramic
C524	10uF/6.3V	SMT	POS CAP
C525	0.1uF/10V	SMT	Ceramic
C526	10uF/16V	SMT	Tantalum
C527	1000pF/50V	SMT	Ceramic
C528	1000pF/50V	SMT	Ceramic
C529	100p/50V	SMT	Ceramic
C530	100p/50V	SMT	Ceramic
C532	0.1uF/25V	SMT	Ceramic
C533	0.1uF/25V	SMT	Ceramic
C534	0.1uF/10V	SMT	Ceramic
C535	100p/50V	SMT	Ceramic
C536	100p/50V	SMT	Ceramic
C537	100p/50V	SMT	Ceramic
C538	100p/50V	SMT	Ceramic
C601	1000pF/50V	SMT	Ceramic
C602	1000pF/50V	SMT	Ceramic
C603	1000pF/50V	SMT	Ceramic
C604	100p/50V	SMT	Ceramic
C605	100p/50V	SMT	Ceramic

RESISTOR			
Ref,No	Parts Name	Package	Note
R1	100 ohm	SMT	
R2	100k ohm	SMT	
R13	47k ohm	SMT	
R15	3.9k ohm	SMT	
R16	8.2k ohm	SMT	
R17	2.2k ohm	SMT	
R18	10k ohm	SMT	
R20	47k ohm	SMT	
R22	47k ohm	SMT	
R23	100 k ohm	SMT	
R24	82k ohm	SMT	
R25	100k ohm	SMT	
R26	2.2M ohm	SMT	
R27	3.9k ohm	SMT	
R28	4.7k ohm	SMT	
R30	200 ohm	SMT	
R100	13k ohm	SMT	
R101	2k ohm	SMT	
R102	4.7k ohm	SMT	
R103	220 ohm	SMT	
R104	15k ohm	SMT	
R105	15k ohm	SMT	
R106	3.3k ohm	SMT	
R107	680 ohm	SMT	
R108	0 ohm	SMT	
R109	3.3k ohm	SMT	
R201	5.1k ohm	SMT	
R202	47k ohm	SMT	
R203	47k ohm	SMT	
R204	47k ohm	SMT	
R205	47k ohm	SMT	
R206	47k ohm	SMT	
R207	47k ohm	SMT	
R208	47k ohm	SMT	

R209	0 ohm	SMT	
R216	47k ohm	SMT	
R217	47k ohm	SMT	
R218	47k ohm	SMT	
R220	47k ohm	SMT	
R221	47k ohm	SMT	
R222	47k ohm	SMT	
R223	47k ohm	SMT	
R224	47k ohm	SMT	
R225	47k ohm	SMT	
R226	47k ohm	SMT	
R227	47k ohm	SMT	
R228	100 ohm	SMT	
R300	47k ohm	SMT	
R301	100k ohm	SMT	
R302	2.2k ohm	SMT	
R303	2.2k ohm	SMT	
R304	2.2k ohm	SMT	
R305	5.1k ohm	SMT	
R306	100k ohm	SMT	
R307	5.1k ohm	SMT	
R308	1k ohm	SMT	
R310	150 ohm	SMT	
R311	100 ohm	SMT	
R312	2.2k ohm	SMT	
R317	10 ohm	SMT	
R318	100 ohm	SMT	
R319	27k ohm	SMT	
R320	1k ohm	SMT	
R321	100 ohm	SMT	
R322	2.2k ohm	SMT	
R323	1k ohm	SMT	
R324	750 ohm	SMT	
R325	10 ohm	SMT	
R326	10k ohm	SMT	
R327	5.1k ohm	SMT	
R328	5.1k ohm	SMT	
R329	470 ohm	SMT	
R330	10k ohm	SMT	
R331	47k ohm	SMT	

R332	100p/50V	SMT	Ceramic cap
R333	10k ohm	SMT	
R335	1k ohm	SMT	
R352	2.2k ohm	SMT	
R353	2.2k ohm	SMT	
R501	100k ohm	SMT	
R502	5.1k ohm	SMT	
R503	100k ohm	SMT	
R504	10k ohm	SMT	
R505	10k ohm	SMT	
R506	330 ohm	SMT	
R507	22k ohm	SMT	
R508	36k ohm	SMT	
R509	1Mk ohm	SMT	
R510	332k ohm	SMT	
R511	100 ohm	SMT	
R512	51k ohm	SMT	
R513	4.7k ohm	SMT	