

ATW-T1000-554M Transmitter Electronic Parts List

INTEGRATED CIRCUIT			
Ref,No	Parts Name	Package	Note
IC1	DREAMT-1	SMT	64pin
IC101	NJM2068MD	SMT	8pin
IC102	SA572D	SMT	16pin
IC201	MB8916X	SMT	80pin
IC202	XC61CN4002NR	SMT	5pin
IC203	NJU6366DF	SMT	6pin
IC204	S-93C46AMFN	SMT	8pin
IC301	MB1511PFV	SMT	16pin
IC51	XC61CN4002NR	SMT	4pin
IC501	LTC3401EMS	SMT	10pin

DISPLAY			
Ref,No	Parts Name	Package	Note
	TX-LCD		

TRANSISTOR			
Ref,No	Parts Name	Package	Note
Q1	UPA604T	SMT	6pin
Q301	2SC4738Y	SMT	3pin
Q351	2SC5226	SMT	3pin
Q352	DTA114YE	SMT	3pin
Q353	DTA114YE	SMT	3pin
Q354	2SC5226	SMT	3pin
Q355	DTA114YE	SMT	3pin
Q356	2SA1745	SMT	3pin
Q501	2SC4738Y	SMT	3pin
Q502	CPH3106	SMT	3pin
Q601	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	NNCD6.2C	SMT	2pin
D5	NNCD12C	SMT	2pin
D6	HSC119	SMT	2pin
D8	NNCD6.2C	SMT	2pin
D52	NNCD6.2C	SMT	2pin
D53	NNCD6.2C	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
D203	NNCD6.2C	SMT	2pin
D204	NNCD6.2C	SMT	2pin
D206	NNCD6.2C	SMT	2pin
D207	MVL-314URH	LEAD	2pin
D208	NNCD6.2C	SMT	2pin
D301	NNCD6.2C	SMT	2pin
D302	HSC119	SMT	2pin
D501	NNCD6.2C	SMT	2pin
D502	NNCD6.2C	SMT	2pin
D503	DCG010	SMT	3pin
D504	NNCD6.2C	SMT	2pin
D505	NNCD6.2C	SMT	2pin
D506	DCG010	SMT	2pin
D507	SL12(SBD)	SMT	2pin
D508	HRC0103ATRF	SMT	2pin
D509	HRC0103ATRF	SMT	2pin

INDUCTOR & COIL			
Ref,No	Parts Name	Package	Note
L1	1uH	SMT	2pin
L2	1uH	SMT	2pin
L3	1uH	SMT	2pin
L4	1uH	SMT	2pin
L5	2.2uH	SMT	2pin
L7	2.2uH	SMT	2pin
L8	2.2uH	SMT	2pin
L9	10mH	SMT	2pin
L51	2.2uH	SMT	2pin
L101	2.2uH	SMT	2pin
L102	2.2uH	SMT	2pin
L201	2.2uH	SMT	2pin
L301	1uH	SMT	2pin
L351	4.7nH	SMT	2pin
L352	12nH	SMT	2pin
L353	10nH	SMT	2pin
L354	8.2nH	SMT	2pin
L355	12nH	SMT	2pin
L356	4.7nH	SMT	2pin
L357	15nH	SMT	2pin
L358	18nH	SMT	2pin
L359	18nH	SMT	2pin
L360	12nH	SMT	2pin
L501	10uH	SMT	2pin
L502	10uH	SMT	2pin
L503	10uH	SMT	2pin

SWITCH			
Ref,No	Parts Name	Package	Note
SW201	SKQYPCE010	SMT	2pin
SW202	SKQYPCE010	SMT	2pin
SW203	SKQYPCE010	SMT	2pin
SW501	SKQYPCE010	SMT	2pin

VARIABLE CAPACITOR			
Ref,No	Parts Name	Package	Note
TC201	TC13C100C-TP03	SMT	2pin

CRYSTAL			
Ref,No	Parts Name	Package	Note
X201	HC49US 9.000MHz	LEAD	2pin

V C O			
Ref,No	Parts Name	Package	Note
VCO301	554M	SMT	

JACK PLUG & CONNECTOR			
Ref,No	Parts Name	Package	Note
CN1	52024-1710	LEAD	
CN2	53022-1710	SMT	
CN3	DF13B-4P1.25V	LEAD	
CN352	LPC-3T1M	LEAD	
CN351	MM7329-2000	SMT	

POTENTIOMETER			
Ref,No	Parts Name	Package	Note
VR1	RH02B1C103	SMT	3pin
VR51	RH02B1C104	SMT	3pin
VR201	RH02B1C474	SMT	3pin
VR351	RH02B1C223	SMT	3pin
VR352	RH02B1C104	SMT	3pin

CAPACITOR			
Ref,No	Parts Name	Package	Note
C1	0.01uF/16V	SMT	Ceramic
C2	10uF/16V	SMT	Tantalum
C3	0.1uF/16V	SMT	Film
C4	0.01uF/16V	SMT	Ceramic
C5	0.68uF/16V	SMT	Tantalum
C6	0.68uF/16V	SMT	Tantalum
C7	4.7uF/10V	SMT	Tantalum
C9	2.2uF/10V	SMT	Tantalum
C10	1uF/16V	SMT	Tantalum
C11	2.2uF/10V	SMT	Tantalum
C18	10uF/6.3V	SMT	Tantalum
C19	0.01uF/16V	SMT	Ceramic
C23	0.01uF/16V	SMT	Film
C24	220p	SMT	Ceramic
C25	2.2uF/10V	SMT	Tantalum
C26	1000p(1608)	SMT	Ceramic
C27	680p	SMT	Ceramic
C28	82p	SMT	Ceramic
C29	2.2uF/10V	SMT	Tantalum
C30	0.01uF/16V	SMT	Ceramic
C31	10uF/6.3V	SMT	Tantalum
C36	2200p	SMT	Ceramic
C51	4.7uF/10V	SMT	Tantalum
C52	0.01uF/16V	SMT	Ceramic
C53	10uF/6.3V	SMT	Tantalum
C54	470p	SMT	Ceramic
C55	2200p	SMT	Ceramic
C56	2.2uF/10V	SMT	Tantalum
C101	4.7uF/10V	SMT	Tantalum
C102	10uF/6.3V	SMT	Tantalum
C103	39p	SMT	Ceramic
C104	220p	SMT	Ceramic
C105	10uF/6.3V	SMT	Tantalum
C106	0.1uF/16V	SMT	Ceramic
C107	4700p	SMT	Ceramic
C108	2.2uF/10V	SMT	Tantalum
C109	1uF/10V	SMT	Tantalum
C110	4.7uF/10V	SMT	Tantalum

C111	0.47uF/16V	SMT	Tantalum
C112	0.047uF/16V	SMT	Film
C113	0.1uF/16V	SMT	Film
C115	0.1uF/16V	SMT	Film
C116	2.2uF/10V	SMT	Tantalum
C117	0.47uF/16V	SMT	Tantalum
C118	0.01uF/16V	SMT	Ceramic
C119	0.01uF/16V	SMT	Ceramic
C120	10uF/16V	SMT	Tantalum
C121	0.01uF/16V	SMT	Ceramic
C122	1uF/16V	SMT	Tantalum
C123	1uF/16V	SMT	Tantalum
C201	0.01uF/16V	SMT	Tantalum
C202	10uF/6.3V	SMT	Tantalum
C203	0.01uF/16V	SMT	Ceramic
C204	10uF/6.3V	SMT	Tantalum
C205	4.7uF/10V	SMT	Ceramic
C206	10uF/6.3V	SMT	Tantalum
C207	0.01uF/16V	SMT	Ceramic
C208	1000p	SMT	Ceramic
C210	12p	SMT	Ceramic
C211	10uF/6.3V	SMT	Tantalum
C211	1000p	SMT	Ceramic
C301	1000p	SMT	Ceramic
C302	0.1u	SMT	Ceramic
C303	0.01u	SMT	Ceramic
C304	0.01u	SMT	Ceramic
C305	47uF/6.3V	SMT	Tantalum
C306	0.01uF/16V	SMT	Ceramic
C307	without	SMT	Tantalum
C308	100p	SMT	Ceramic
C309	100p	SMT	Ceramic
C310	100p	SMT	Ceramic
C311	0.47uF/16V	SMT	Ceramic
C312	1000p	SMT	Ceramic
C313	47uF/6.3V	SMT	Tantalum
C314	1000p	SMT	Ceramic
C315	1p	SMT	Ceramic
C316	10uF/6.3V	SMT	Tantalum
C317	0.1uF/16V	SMT	Ceramic
C318	0.1uF/16V	SMT	Ceramic

C319	1000p	SMT	Ceramic
C320	10uF/6.3V	SMT	Tantalum
C351	100p	SMT	Ceramic
C352	without	SMT	Ceramic
C353	1000p	SMT	Ceramic
C354	1000p	SMT	Ceramic
C355	0.1uF/16V	SMT	Ceramic
C356	1000p	SMT	Ceramic
C357	1000p	SMT	Ceramic
C358	1000p	SMT	Ceramic
C359	4p	SMT	Ceramic
C362	18p	SMT	Ceramic
C363	2p	SMT	Ceramic
C364	1000p	SMT	Ceramic
C365	1000p	SMT	Ceramic
C366	1000p	SMT	Ceramic
C367	1000p	SMT	Ceramic
C368	0.1uF/16V	SMT	Ceramic
C369	1000p	SMT	Ceramic
C370	1000p	SMT	Ceramic
C371	1000p	SMT	Ceramic
C372	10uF/6.3V	SMT	Tantalum
C373	1000p	SMT	Ceramic
C374	3p	SMT	Ceramic
C375	4p	SMT	Ceramic
C376	9p	SMT	Ceramic
C377	9p	SMT	Ceramic
C378	9p	SMT	Ceramic
C379	2p	SMT	Ceramic
C380	1000p	SMT	Ceramic
C381	2.2uF/10V	SMT	Tantalum
C382	1000p	SMT	Ceramic
C501	0.01uF/16V	SMT	Ceramic
C503	1000p	SMT	Ceramic
C504	1000p	SMT	Ceramic
C505	1000p	SMT	Ceramic
C506	1000p	SMT	Ceramic
C507	1000p	SMT	Ceramic
C508	0.1uF/16V	SMT	Ceramic
C509	0.1uF/16V	SMT	Ceramic

C510	100uF/6.3V	SMT	Tantalum
C512	100p	SMT	Ceramic
C513	3300p	SMT	Ceramic
C514	100p	SMT	Ceramic
C515	0.1u	SMT	Ceramic
C516	100uF/6.3V	SMT	Tantalum
C517	100uF/6.3V	SMT	Tantalum
C518	100uF/6.3V	SMT	Tantalum
C519	100uF/6.3V	SMT	Tantalum
C520	0.1u	SMT	Ceramic
C521	0.1u	SMT	Ceramic
C522	1uF/16V	SMT	Ceramic
C523	10uF/6.3V	SMT	Tantalum
C524	10uF/16V	SMT	Tantalum
C525	10uF/16V	SMT	Tantalum
C526	10uF/16V	SMT	Tantalum
C527	100uF/6.3V	SMT	Tantalum
C600	1000p	SMT	Ceramic
C601	0.1uF/16V	SMT	Ceramic
C603	100p	SMT	Ceramic
C604	100p	SMT	Ceramic
C605	100p	SMT	Ceramic
C606	100p	SMT	Ceramic
C607	100p	SMT	Ceramic
C608	100p	SMT	Ceramic
C609	100p	SMT	Ceramic
C610	100p	SMT	Ceramic
C611	100p	SMT	Ceramic
C612	0.1uF/16V	SMT	Ceramic
C613	100p	SMT	Ceramic
C614	100p	SMT	Ceramic
C615	100p	SMT	Ceramic
C616	1000p	SMT	Ceramic
C617	100uF/6.3V	SMT	Tantalum
C618	0.1uF/16V	SMT	Ceramic
C619	0.1uF/16V	SMT	Ceramic
C620	0.1uF/16V	SMT	Ceramic
C621	22uF/16V	SMT	Tantalum
C622	10uF/16V	SMT	Tantalum

RESISTOR

Ref,No	Parts Name	Package	Note
R1	680 ¶	SMT	
R3	20k ¶	SMT	
R5	3k ¶	SMT	
R6	82k ¶	SMT	
R7	100k ¶	SMT	
R8	2.2M ¶	SMT	
R9	100k ¶	SMT	
R19	47k ¶	SMT	
R21	430 ¶	SMT	
R22	3.9k ¶	SMT	
R23	15k ¶	SMT	
R24	2.2k ¶	SMT	
R26	0 ¶	SMT	
R27	0 ¶	SMT	
R28	560k ¶	SMT	
R29	270k ¶	SMT	
R30	2.2k ¶	SMT	
R51	47k ¶	SMT	
R52	100 ¶	SMT	
R53	47k ¶	SMT	
R55	47k ¶	SMT	
R57	4.7k ¶	SMT	
R59	10k ¶	SMT	
R101	3.3k ¶	SMT	
R102	15k ¶	SMT	
R103	15k ¶	SMT	
R104	220 ¶	SMT	
R105	4.7k ¶	SMT	
R106	13k ¶	SMT	
R107	2k ¶	SMT	
R108	680 ¶	SMT	
R109	3.3k ¶	SMT	
R110	0 ¶	SMT	
R201	5.1k ¶	SMT	
R202	100k ¶	SMT	
R203	100 ¶	SMT	
R204	47k ¶	SMT	
R207	without	SMT	

R212	47k ¶	SMT	
R213	47k ¶	SMT	
R214	47k ¶	SMT	
R215	47k ¶	SMT	
R216	47k ¶	SMT	
R217	47k ¶	SMT	
R218	47k ¶	SMT	
R219	47k ¶	SMT	
R220	47k ¶	SMT	
R221	47k ¶	SMT	
R222	47k ¶	SMT	
R223	47k ¶	SMT	
R224	10k ¶	SMT	
R225	47k ¶	SMT	
R226	47k ¶	SMT	
R227	47k ¶	SMT	
R229	47k ¶	SMT	
R230	47k ¶	SMT	
R231	2k ¶	SMT	
R301	1k ¶	SMT	
R302	2.2k ¶	SMT	
R303	2.2k ¶	SMT	
R304	150 ¶	SMT	
R305	2.2k ¶	SMT	
R307	2.2k ¶	SMT	
R308	0 ¶	SMT	
R309	100 ¶	SMT	
R310	1k ¶	SMT	
R311	100k ¶	SMT	
R312	5.1k ¶	SMT	
R314	47k ¶	SMT	
R315	2.2k ¶	SMT	
R316	2.2k ¶	SMT	
R317	2.2k ¶	SMT	
R318	100k ¶	SMT	
R351	120 ¶	SMT	
R352	51 ¶	SMT	
R353	120 ¶	SMT	
R354	43k ¶	SMT	
R355	47 ¶	SMT	
R356	10 ¶	SMT	

R357	300 ¶	SMT	
R358	18 ¶	SMT	
R359	300 ¶	SMT	
R360	22k ¶	SMT	
R362	10k ¶	SMT	
R363	10 ¶	SMT	
R364	10 ¶	SMT	
R365	47k ¶	SMT	
R366	without	SMT	
R367	0 ¶	SMT	
R501	10k ¶	SMT	
R502	100k ¶	SMT	
R503	5.1k ¶	SMT	
R504	22k ¶	SMT	
R505	100k ¶	SMT	
R506	330 ¶	SMT	
R507	10k ¶	SMT	
R508	51k ¶	SMT	
R509	1M ¶	SMT	
R510	309k ¶	SMT	
R511	36k ¶	SMT	
R512	100 ¶	SMT	
R602	2.2k ¶	SMT	