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MODEL : KT-24				PARTS LIST					INTERNATIONAL SCIENCE VENTURE					
SUB LOCATION : TRANSMITTER RF									DOCUMENT NO. :					
ITEM	SPEC	SIZE	DESCRIPTION	TOL.	REFERENCE NUMBER	UNIT	Q'TY	MANUFACTURER	AGENT	U/PRICE	AMOUNT	ATTN.	TEL.	REMARK
RF SMT TYPE														
I.C	POWER AMP		RF110		U801	EA	1	CONEXANT						
I.C	RF SWITCH		SW-437		U802	EA	1	MA-COM	WWES INDUSTRIES					
IC	TRANSCEIVER		RF109		U901	EA	1	CONEXANT						
IC	REGULATOR		NJM2871AF03		U902	EA	1	JRC	JINTACK INT					
VCO			SV0706-2450R3V100M		U903	EA	1	SGC	SGC					
VALUN			LDB15C101A2400		U905	EA	1	MURATA	ASUNG					
FILTER		2.5*2	DWF2R2440G01		FL801	EA	1	EMKO	EMKO					
IND	CHIP	1005	10nH		L801,L802,L804	EA	3	ETRONIC	BIGBANG KOREA					
IND	FERRITE	2520	FSLM2520-820J	J	L901	EA	1	TOKO	COMICO					
CAP	CHIP	1005	1R0 50V	C	C803,C919	EA	2	SAMSUNG						
CAP	CHIP	1005	1R2 50V	C	C820	EA	1	SAMSUNG						
CAP	CHIP	1005	1R5 50V	C	C818	EA	1	SAMSUNG						
CAP	CHIP	1005	1R8 50V	C	C918	EA	1	SAMSUNG						
CAP	CHIP	1005	8R2 50V	C	C812,C813,C801,C805,C810,C901,C903,C942,C927,C914	EA	25	SAMSUNG						
					C811,C814,C943,C932,C933,C936,C938,C939,C940,C941									
					C949,C950,C937,C935,C923									
CAP	CHIP	1005	120 50V	J	C816,C815,C808,C817,C800,C821,C822,C910,C911	EA	9	SAMSUNG						
CAP	CHIP	1005	331 50V	K	C926	EA	1	SAMSUNG						
CAP	CHIP	1005	391 50V	K	C908	EA	1	SAMSUNG						
CAP	CHIP	1005	821 50V	K	C924,C925	EA	2	SAMSUNG						
CAP	CHIP	1005	102 50V	K	C945,C802,C806,C809,C944	EA	12	SAMSUNG						
					C931,C934,C947,C948,C946,C928,C906									
CAP	CHIP	1005	152 50V	K	C920,C921	EA	2	SAMSUNG						
CAP	CHIP	1005	222 50V	K	C917	EA	1	SAMSUNG						
CAP	CHIP	1005	103 50V	K	C922,C909,C904	EA	3	SAMSUNG						
CAP	CHIP	1005	473 50V	Z	C916,C915,C902,C930	EA	4	SAMSUNG						
CAP	CHIP	1608	563 25V	Z	C907	EA	1	SAMSUNG						
CAP	CHIP	1608	823 25V	Z	C912,C913	EA	2	SAMSUNG						
CAP	TANTAL	A	4.7uF/6.3V		C929	EA	1	SAMSUNG						
CAP	TANTAL	A	22uF/6.3V		C905	EA	1	SAMSUNG						
RES	CHIP	1005	000 1/16W	J	L803	EA	1	SAMSUNG						
RES	CHIP	1005	100 1/16W	J	R804,R801,R917,R901,R906,R902	EA	6	SAMSUNG						

MODEL : KT-24				PARTS LIST						INTERNATIONAL SCIENCE VENTURE					
SUB LOCATION : TRANSMITTER RF										DOCUMENT NO. :					
ITEM	SPEC	SIZE	DESCRIPTION	TOL.	REFERENCE NUMBER	UNIT	Q'TY	MANUFACTURER	AGENT	U/PRICE	AMOUNT	ATTN.	TEL.	REMARK	
RES	CHIP	1005	750 1/16W	J	R908	EA	1	SAMSUNG							
RES	CHIP	1005	910 1/16W	J	R907,R909	EA	2	SAMSUNG							
RES	CHIP	1005	101 1/16W	J	R904	EA	1	SAMSUNG							
RES	CHIP	1005	391 1/16W	J	R918,R919	EA	2	SAMSUNG							
RES	CHIP	1005	471 1/16W	J	R914	EA	1	SAMSUNG							
RES	CHIP	1005	821 1/16W	J	R916	EA	1	SAMSUNG							
RES	CHIP	1005	102 1/16W	J	R802,R803	EA	2	SAMSUNG							
RES	CHIP	1005	122 1/16W	J	R915	EA	1	SAMSUNG							
RES	CHIP	1005	332 1/16W	J	R920	EA	1	SAMSUNG							
RES	CHIP	1005	103 1/16W	J	R903,R905	EA	2	SAMSUNG							
RES	CHIP	1005	223 1/16W	J	R923,R922	EA	2	SAMSUNG							
RES	CHIP	1005	513 1/16W	J	R921	EA	1	SAMSUNG							

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MODEL : KT-24				PARTS LIST					INTERNATIONAL SCIENCE VENTURE					
SUB LOCATION : RECEIVER RF									DOCUMENT NO. :					
ITEM	SPEC	SIZE	DESCRIPTION	TOL.	REFERENCE NUMBER	UNIT	Q'TY	MANUFACTURER	AGENT	U/PRICE	AMOUNT	ATTN.	TEL.	REMARK
RF SMT TYPE														
I.C	POWER AMP		RF110		U801	EA	1	CONEXANT						
I.C	RF SWITCH		SW-437		U802	EA	1	MA-COM	WWES INDUSTRIES					
IC	TRANSCEIVER		RF109		U901	EA	1	CONEXANT						
IC	REGULATOR		NJM2871AF03		U902	EA	1	JRC	JINTACK INT					
VCO			SV0706-2450R3V100M		U903	EA	1	SGC	SGC					
VALUN			LDB15C101A2400		U905	EA	1	MURATA	ASUNG					
FILTER		2.5*2	DWF2R2440G01		FL801	EA	1	EMKO	EMKO					
IND	CHIP	1005	10nH		L801,L802,L804	EA	3	ETRONIC	BIGBANG KOREA					
IND	FERRITE	2520	FSLM2520-820J	J	L901	EA	1	TOKO	COMICO					
CAP	CHIP	1005	1R0 50V	C	C803,C919	EA	2	SAMSUNG						
CAP	CHIP	1005	1R2 50V	C	C820	EA	1	SAMSUNG						
CAP	CHIP	1005	1R5 50V	C	C818	EA	1	SAMSUNG						
CAP	CHIP	1005	1R8 50V	C	C918	EA	1	SAMSUNG						
CAP	CHIP	1005	8R2 50V	C	C812,C813,C801,C805,C810,C901,C903,C942,C927,C914	EA	25	SAMSUNG						
					C811,C814,C943,C932,C933,C936,C938,C939,C940,C941									
					C949,C950,C937,C935,C923									
CAP	CHIP	1005	120 50V	J	C816,C815,C808,C817,C800,C821,C822,C910,C911	EA	9	SAMSUNG						
CAP	CHIP	1005	331 50V	K	C926	EA	1	SAMSUNG						
CAP	CHIP	1005	391 50V	K	C908	EA	1	SAMSUNG						
CAP	CHIP	1005	821 50V	K	C924,C925	EA	2	SAMSUNG						
CAP	CHIP	1005	102 50V	K	C945,C802,C806,C809,C944	EA	12	SAMSUNG						
					C931,C934,C947,C948,C946,C928,C906									
CAP	CHIP	1005	152 50V	K	C920,C921	EA	2	SAMSUNG						
CAP	CHIP	1005	222 50V	K	C917	EA	1	SAMSUNG						
CAP	CHIP	1005	103 50V	K	C922,C909,C904	EA	3	SAMSUNG						
CAP	CHIP	1005	473 50V	Z	C916,C915,C902,C930	EA	4	SAMSUNG						
CAP	CHIP	1608	563 25V	Z	C907	EA	1	SAMSUNG						
CAP	CHIP	1608	823 25V	Z	C912,C913	EA	2	SAMSUNG						
CAP	TANTAL	A	4.7uF/6.3V		C929	EA	1	SAMSUNG						
CAP	TANTAL	A	22uF/6.3V		C905	EA	1	SAMSUNG						
RES	CHIP	1005	000 1/16W	J	L803	EA	1	SAMSUNG						
RES	CHIP	1005	100 1/16W	J	R804,R801,R917,R901,R906,R902	EA	6	SAMSUNG						

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MODEL : KT-24				PARTS LIST					INTERNATIONAL SCIENCE VENTURE					
SUB LOCATION : TRANSMITTER									DOCUMENT NO. :					
ITEM	SPEC	SIZE	DESCRIPTION	TOL.	REFERENCE NUMBER	UNIT	Q'TY	MANUFACTURER	AGENT	U/PRICE	AMOUNT	ATTN.	TEL.	REMARK
TR SMT TYPE														
XTAL	SMD		9.6MHz 49/SMD 20ppm		X101	EA	1	HYOSUNG						
I.C	ASIC		RSST7605M(R6753-15)		U100	EA	1	CONEXANT						
I.C	EEPROM	SOP-8	SCI93C66S		U101	EA	1	CATALYST						
I.C	ANALOG SWITCH	SOP-14	CD4066BD		U502	EA	1	TI	ARROW					
SWITCH	SMD, TACT		IT-1188		SW101,SW201	EA	2	TIM						
TR		SOT-23	KTC3876Y		Q101	EA	1	KEC	SHINYOUNG					
TR		SOT-23	KTA1505Y		Q215	EA	1	KEC	SHINYOUNG					
TR		USM	2SC4097		Q219,Q220	EA	2	RHOM						
TR		USM	2SA1577		Q218,Q216	EA	2	RHOM						
DIODE	SWITCHING	MELF	LS4148		D312,D313	EA	2	VISHAY						
DIODE	SMD,ZENER	MELF	1N5230B		D214	EA	1	VISHAY						
DIODE	SWITCHING	SOT-23	KDS181		D314	EA	1	KEC	SHINYOUNG					
BUZZER	SMD		853T		BZ1	EA	1	STAR						
IND	CHIP	1608	10uH		L302,L303	EA	2	C&Pc						
RES	CHIP	1608	000 1/10W	J	R255,C205,R260	EA	3	SAMSUNG						
RES	CHIP	1608	100 1/10W	J	R109,R104	EA	2	SAMSUNG						
RES	CHIP	1608	470 1/10W	J	R200,R201,R202,R203,R204,R205	EA	6	SAMSUNG						
RES	CHIP	1608	202 1/10W	J	R107	EA	1	SAMSUNG						
RES	CHIP	1608	242 1/10W	J	R106	EA	1	SAMSUNG						
RES	CHIP	1608	331 1/10W	J	R117	EA	1	SAMSUNG						
RES	CHIP	1608	102 1/10W	J	R133,R134,R157,R357,R121,R122,R123,R124,R125,R126,F	EA	13	SAMSUNG						
					R128,R130									
RES	CHIP	1608	563 1/10W	J	R113,R115	EA	2	SAMSUNG						
RES	CHIP	1608	472 1/10W	J	R250	EA	1	SAMSUNG						
RES	CHIP	1608	302 1/10W	J	R108	EA	1	SAMSUNG						
RES	CHIP	1608	103 1/10W	J	R210	EA	1	SAMSUNG						
RES	CHIP	1608	223 1/10W	J	R148,R258	EA	2	SAMSUNG						
RES	CHIP	1608	333 1/10W	J	R140,R259	EA	2	SAMSUNG						
RES	CHIP	1608	104 1/10W	J	R252,R135,R137,R330	EA	4	SAMSUNG						
RES	CHIP	1608	124 1/10W	J	R138	EA	1	SAMSUNG						
RES	CHIP	1608	105 1/10W	J	R145	EA	1	SAMSUNG						
CAP	CHIP	1608	220 50V	J	C125	EA	1	SAMSUNG						

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MODEL : KT-24				PARTS LIST					INTERNATIONAL SCIENCE VENTURE						
SUB LOCATION : CHARGER SUB									DOCUMENT NO. :						
ITEM	SPEC	SIZE	DESCRIPTION	TOL.	REFERENCE NUMBER	UNIT	Q'TY	MANUFACTURER	AGENT	U/PRICE	AMOUNT	ATTN.	TEL.	REMARK	
CHARGER SUB DIP TYPE															
PCB	FR-4 2LAYER 1.0t		KR-24 CHARGER SUB PCB			EA	1	TOP CIRCUIT							
CONN	BATT. CONN.		53047-08		J303	EA	1	TIM							
CONN ASS'Y			8PIN, AWG30, 30mm			EA	1	TIM							
DIODE	AXIAL		1N4001		D301,D309,D307,D308	EA	4	VISHAY							
IC	REG		KIA7805API, SOT-220IS		U301	EA	1	KEC	SHINYOUNG						
CAP	ELEC	5*7.5	100uF/16V		C302,C306	EA	2	YOUSUNG							
CAP	ELEC	6.5*12	220UF/25V		C309	EA	1	YOUSUNG							
IND			919AS-6R4M		L303	EA	1	TOKO	COMICO						
CHARGER SUB SMT TYPE															
IC	CHARGER	SOP-8	LTC4002ES8-4.2		U502	EA	1	LINEAR	SHEENBANG						
FET	TSSOP-8		Si6435ADQ		Q112	EA	1	VISHAY	SHINYOUNG						
RES	CHIP	1608	472 1/10W	J	R168,R240	EA	2	SAMSUNG							
RES	CHIP	1608	102 1/10W	J	R246,R238	EA	2	SAMSUNG							
RES	CHIP	1608	103 1/10W	J	R165	EA	1	SAMSUNG							
RES	CHIP	1608	222 1/10W	J	R237,R228	EA	2	SAMSUNG							
RES	CHIP	1608	203 1/10W	J	R239	EA	1	SAMSUNG							
RES	CHIP	1608	152 1/10W	J	R245	EA	1	SAMSUNG							
RES	CHIP	3216	103 1/4W	J	R254	EA	1	SAMSUNG							
RES	CHIP	3216	0.1 ohm 1% 1/4W	J	R601	EA	1		SHINYOUNG						
CAP	CHIP	1608	102 50V	J	C301,C304	EA	2	SAMSUNG							
CAP	CHIP	1608	104 25V	Z	C303,C305,C264	EA	3	SAMSUNG							
CAP	CHIP	1608	474 16V	Z	C267	EA	1	SAMSUNG							
CAP	CHIP	1608	105 16V	Z	C308	EA	1	SAMSUNG							
CAP	CHIP	4532	22uF 16V(CERAMIC)	Z	C307	EA	1	MURATA							
CAP	CHIP	4532	10uF 50V(CERAMIC0	Z	C263	EA	1	MURATA							
TR		SOT-23	KTA1505Y		Q110,Q304,Q305	EA	3	KEC	SHINYOUNG						
TR		SOT-23	KRC107S		Q111	EA	1	KEC	SHINYOUNG						
DIODE	ZENER		B340A		D213,D212	EA	2	VISHAY	SHINYOUNG						
DIODE	SWITCHING	MELF	LS4148		D215	EA	1	VISHAY							

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