

Bill of Materials
770643PD.S01

TR-800 PARTS LIST AUDIO BOARD

Quan	Type PATTERN	Value	Ref Designators
1	1DA BE-SO8	TLV2362	U10
1	1DA BE-SO8	LM393	U3
1	1DA BE-SO8	LM393	U7
1	1DA BE-SO8	LM393	U9
1	2464 BE-SO8	24AA64	U12
2	2951 BE-SO8	LP2951	U5,U6
1	34119N BE-SO8	MC34119	U8
1	4DA BE-SO8	TLV2362	U10
1	4DA	LM393	U7
1	4DA BE-SO8	LM393	U9
1	575ALC BE-SSOP20	SA575	U4
1	575EC BE-SSOP20	SA575	U2
1	575EC BE-SSOP20	SA575	U4
1	575EE BE-SSOP20	SA575	U2
1	575EE	SA575	U4

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Quan	Type PATTERN	Value	Ref Designators
	BE-SSOP20		
1	575EE1 BE-SSOP20	SA575	U4
1	7DA BE-SOT23-5	TLV2361	U1
1	7SZ66 BE-SOT23-5	NC7SZ66	U11
11	C C11, C2, C30, C4, C43, C46, BE-0603	100PF	C47, C48, C55, C6, C9
1	C BE-0603	.022UF	C12
2	C BE-0603	.001UF	C14, C33
3	C BE-0603	.0015UF	C23, C26, C28
3	C BE-0603	.015UF	C24, C25, C27
3	C BE-0603	.01UF	C31, C32, C37
2	C BE-0603	.1UF	C36, C54
1	C BE-0805	.0018UF	C53
1	C BE-0603	390PF	C56
7	CE C1, C10, C13, C16, C21, C3, BE-ST-A	10UF	C34
1	CE BE-ST-A	.47UF	C15

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Quan	Type	Value	Ref Designators
PATTERN			
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5	CE BE-ST-A	2.2UF	C17,C18,C41,C45,C7
10	CE C19,C20,C22,C39,C40,C42, BE-ST-A	1UF	C49,C5,C50,C57
2	CE BE-ST-B	10UF	C35,C38
4	CE BE-ST-A	.1UF	C44,C51,C52,C8
2	D BE-SOT23	TMPD4148	D1,D3
1	DD70	BAV70	D2
1	DL	TALK	DS1
1	DL	LO BAT/PEAK	DS2
4	E	VAL	E1,E2,E3,E4
4	E SHORTING-PAD	VAL	E5,E6,E7,E8
4	FB BE-0805		FB1,FB2,FB3,FB4
1	FL-EXC BE-FLEXC	EXCCET220U	FL1
2	LA BE-0805CS	270NH	L1,L2
1	P JST-ZH-2PIN-CON	J1-1	J1

TR-800 PARTS LIST AUDIO BOARD

Quan	Type PATTERN	Value	Ref Designators
1	P FW-SAMTEC-12PIN	J2-1	J2
1	P CON-SAM-FC1-15	J3-1	J3
1	P CON-SAM-FC1-10	J4-1	J4
1	P FW-SAMTEC-12PIN	J5-1	J5
1	P CON-SAM-FC1-10	J6-1	J6
1	P SLM-8	J7-1	J7
1	P JST-ZH-2PIN-CON	J8-1	J8
1	Q1100 BE-SSOP-8	MTSF2P02	Q5
3	QNEBC BE-SOT23	MMBT3904	Q2,Q3,Q4
1	QPEBC BE-SOT23	MMBT3906	Q1
2	R BE-0603	1K	R1,R9
1	R BE-0603	150K	R10
5	R BE-0603	47.5K	R11,R18,R33,R47,R8
11	R R12,R13,R15,R21,R34,R35, BE-0603	10K	R37,R39,R45,R46,R61
1	R	3.32K	R14

TR-800 PARTS LIST AUDIO BOARD

Quan	Type PATTERN	Value	Ref Designators
=====			
====			
	BE-0603		
2	R BE-0603	33.2K	R16,R50
2	R BE-0603	26.7K	R17,R3
6	R BE-0603	100K	R19,R36,R5,R6,R62,R63
1	R BE-0603	18.2K	R2
3	R BE-0603	56.2K	R20,R28,R38
1	R BE-0603	562K	R22
1	R BE-0603	267K	R23
2	R BE-0603	976K	R24,R26
3	R BE-0603	182K	R25,R32,R4
1	R BE-0603	2.37K	R29
1	R BE-0603	4.99K	R30
1	R BE-0603	7.5K	R31
1	R BE-0603	24.3K	R40
1	R BE-0603	3.01K	R41

TR-800 PARTS LIST AUDIO BOARD

Quan	Type PATTERN	Value	Ref Designators
2	R BE-0603	75K	R42,R51
2	R BE-0603	10	R43,R44
1	R BE-0603	30.1K	R48
1	R BE-0603	39.2K	R49
2	R BE-0603	332	R52,R53
2	R BE-0603	200K	R54,R57
1	R BE-0603	22.1K	R55
1	R BE-0603	332K	R56
1	R BE-0603	1.5K	R58
1	R BE-0603	15K	R59
1	R BE-0603	3.92K	R60
1	R BE-0603	2.21K	R7
1	RVA RV-57212	10K	VR2
1	RVA-SSS	10K	VR1

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Quan	Type	Value	Ref Designators
=====			
30	TP PATTERN		
	TP1,TP10,TP11,TP12,TP13, PAD050		TP14,TP15,TP16,TP17, TP18,TP19,TP2,TP20,T
	P21,		TP22,TP23,TP24,TP25, TP26,TP27,TP28,TP29,
	TP3,		TP30,TP4,TP5,TP6,TP7
	,		TP8,TP9

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TR-800 PARTS LIST RECEIVER BOARD

Quan	Type PATTERN	Value	Ref Designators
1	13143	MC13143	U402
1	605	SA615	U403
1	7025A	TRF2050	U401
1	7DA	LM821	U405
6	C BE-0603	*	C301,C302,C303,C307, C308,C309
7	C	100PF	C304,C306,C413,C424, C425,C427,C428
5	C	.001UF	C305,C405,C417,C426, C438
14	C	.1UF	C408,C410,C411,C412, C422,C423,C434,C441, C442,C444,C445,C446, C447,C454
5	C	.01UF	C409,C418,C435,C450, C451
2	C	.047UF	C414,C416
2	C	22PF	C419,C436
2	C	10PF	C429,C437
1	C	.5PF	C430
1	C	82PF	C431

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TR-800 PARTS LIST RECEIVER BOARD

Quan	Type	Value	Ref Designators
=====			
=====			
2	C	47PF	C432,C449
1	C	8.2PF	C433
1	C	27PF	C439
1	C	24PF	C440
1	C	2.7PF	C448
2	CE	10UF	C415,C420
1	CE	100UF	C421
2	CE	1UF	C443,C455
1	CE	.1UF	C453
6	CF	100PF	C401,C402,C403,C404, C406,C407
5	CV	1-5PF	
	VC301,VC302,VC303,VC304, TRIMMER-9402SL		VC305
1	E PAD100	VAL	E401
2	IFFILTER SMT-SFECV10.7	SFECV10.7MS3	FL401,FL402
1	JH CON-SAM-2P	J301-1	J301

TR-800 PARTS LIST RECEIVER BOARD

Quan	Type PATTERN	Value	Ref Designators
1	JH CON-SAM-3P	J402-1	J402
1	LA	.68UH	L402
1	LA	4.7UH	L403
1	LA	39UH	L404
1	LVA	MC-152	L401
1	LVA	4.7UH	L405
1	NPN-BCEE SOT343R	BFG425	Q301
1	NPN-EBC SOT23	MMBT3904	Q401
1	P CON-SAM-3P	J302-1	J302
1	P CON-SAM-2P	J401-1	J401
1	P CLP-SAMTEC-12PIN	J403-1	J403
1	POT SMT-POT	10K	VR401
1	R	8.2K	R418
1	R	825	R422
1	R	10K	R430

TR-800 PARTS LIST RECEIVER BOARD

Quan	Type PATTERN	Value	Ref Designators
1	R BE-0603	?	R431
1	RES03 BE-0603	82	R301
1	RES03 BE-0603	220	R302
1	RES03 BE-0603	15K	R303
2	RES03 SMT0603	51	R401,R402
1	RES03 BE-0603	18K	R403
1	RES03 BE-0603	47K	R404
1	RES03 BE-0603	270	R405
1	RES03 BE-0603	180	R406
1	RES03 SMT0603	2.7K	R407
1	RES03 SMT0603	470	R408
2	RES03 BE-0603	150	R409,R411
1	RES03 BE-0603	39	R410
2	RES03 BE-0603	51	R412,R413

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Quan	Type PATTERN	Value	Ref Designators
1	RES03 BE-0603	1K	R414
1	RES03 BE-0603	22K	R415
2	RES03 BE-0603	470	R416,R417
1	RES03 BE-0603	100K	R419
2	RES03 BE-0603	10K	R420,R421
1	RVA	100K	VR402
5	TESTPOINT TP401,TP402,TP403,TP404, TESTPOINT	VAL	TP405
1	TRT	VAL	T401
1	VCO-500SQ	VAL	HY401
1	Y	55MHZ	Y401
5	Z3	VAL	Z301,Z302,Z303,Z304, Z305

Total Parts: 129

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TR-800 PARTS LIST TRANSMIT BOARD

Quan	Type PATTERN	Value	Ref Designators
1	7025 BE-SSOP20	TRF2050	U802
1	78L BE-SOT23	TC55RP500	U801
14	C BE-0603	.001UF	C803,C804,C808,C810, C814,C817,C818,C819, C821,C823,C825,C827, C828,C830
4	C BE-0603	.1UF	C805,C806,C807,C835
1	C BE-0603	10PF	C811
1	C BE-0603	5.6PF	C813
2	C BE-0603	3.9PF	C815,C833
1	C BE-0603	12PF	C816
1	C BE-0603	1.5PF	C820
3	C BE-0603	100PF	C822,C829,C834
3	C BE-0603	3.3PF	C824,C826,C832
1	C BE-0603	1PF	C831
2	CE BE-ST-A	1UF	C801,C802
1	CE BE-ST-A	4.7UF	C809

TR-800 PARTS LIST TRANSMIT BOARD

Quan	Type PATTERN	Value	Ref Designators
1	CE BE-ST-A	10UF	C812
1	DD2 BE-SOT23	BAV99	D801
1	E PAD100		E801
6	LA BE-0805CS	.27UH	L801,L802,L803,L804, L807,L808
2	LA BE-0805CS	8NH	L805,L810
2	LA BE-0805CS	22NH	L806,L809
1	P	J801-1	J801
1	QN2212 BE-SOT23	MMUN2212	Q807
4	QNDE BE-SOT143	BFG540X	Q803,Q804,Q808,Q810
1	QP2112 BE-SOT23	MMUN2112	Q806
2	QPEBC BE-SOT23	MMBT3906	Q805,Q809
1	QPT BE-SOT23	VP0610	Q802
1	R BE-1206	10K	R801
2	R BE-0603	22.1K	R802,R813

TR-800 PARTS LIST TRANSMIT BOARD

Quan	Type PATTERN	Value	Ref Designators
1	R BE-0603	221K	R803
1	R BE-0603	3.92K	R804
1	R BE-0603	475	R807
2	R BE-0603	4.75K	R808,R824
1	R BE-0603	100K	R809
2	R BE-0603	47.5	R810,R812
1	R BE-0603	221	R811
1	R BE-0603	100	R814
1	R BE-0603	22.1	R815
1	R BE-0603	6.81K	R816
1	R BE-0603	150	R817
2	R BE-0603	10	R819,R825
2	R BE-0603	10K	R820,R821
1	R BE-0603	26.7	R822
1	R	100	R823

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Quan	Type	Value	Ref Designators
PATTERN			
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=====			
	BE-1206		
1	RVA RV-57212	100	VR801
13	TP TP801,TP802,TP803,TP804, PAD050 TP805,TP806,TP807,TP808, 812,		TP809,TP810,TP811,TP TP813 TP814
1	TP TP-COAX		TP814
1	VCO500	VAL	HY801
Total Parts: 97			

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TR-800 PARTS LIST REAR SWITCH & BATTERY CONTACT BOARD

Quan	Type PATTERN	Value	Ref Designators
1	16872-1	PIC16F872	U901
1	2464 BE-SSOP-8	24AA64	U903
1	8566	PCF8566	U902
1	C BE-ST-A	1UF	C901
1	C BE-0603	.1UF	C902
1	C BE-0603	33PF	C903
1	C BE-0603	22PF	C904
1	CV BE-VC-MURATA	5-20PF	VC901
1	LCD	VAL	DS901
1	P	J901-1	J901
1	P	J902-1	J902
8	R BE-0603	10K	R901,R902,R903,R904, R905,R906,R914,R915
7	R	10K	R907,R908,R909,R910, R911,R912,R913
1	RVA	100K	VR901
1	SPB	UP	S901

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TR-800 PARTS LIST REAR SWITCH & BATTERY CONTACT BOARD

Quan	Type	Value	Ref Designators
=====			
1	SPB	SET	S902
1	SPB	DOWN	S903
1	SPB	MENU	S904
1	SSS	PTT	S905
22	TP	TP901,TP903,TP904,TP905, PAD040 TP906,TP907,TP908,TP909, 913, 917, 921,	TP910,TP911,TP912,TP TP914,TP915,TP916,TP TP918,TP919,TP920,TP TP922,TP923
1	TP		TP902
1	Y	4 MHZ	Y901

Total Parts: 56

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TR-800 PARTS LIST TOP PANEL BOARD

Quan	Type	Value	Ref Designators
1	DL	1	DS950
1	DL	2	DS951
1	DL	WTA	DS952
1	DL	SA	DS953
1	P	J950-1	J950
1	QNT	ZVN4106	Q951
3	QPT	VP0610	Q950, Q952, Q953
4	R	100K	R950, R952, R955, R956
3	R	332	R951, R953, R954
1	SPB	WTA	S950
1	SPB	SA	S951
1	SPB	IC	S952
7	TP	TP950, TP951, TP952, TP953,	TP954, TP955, TP956

Total Parts: 26