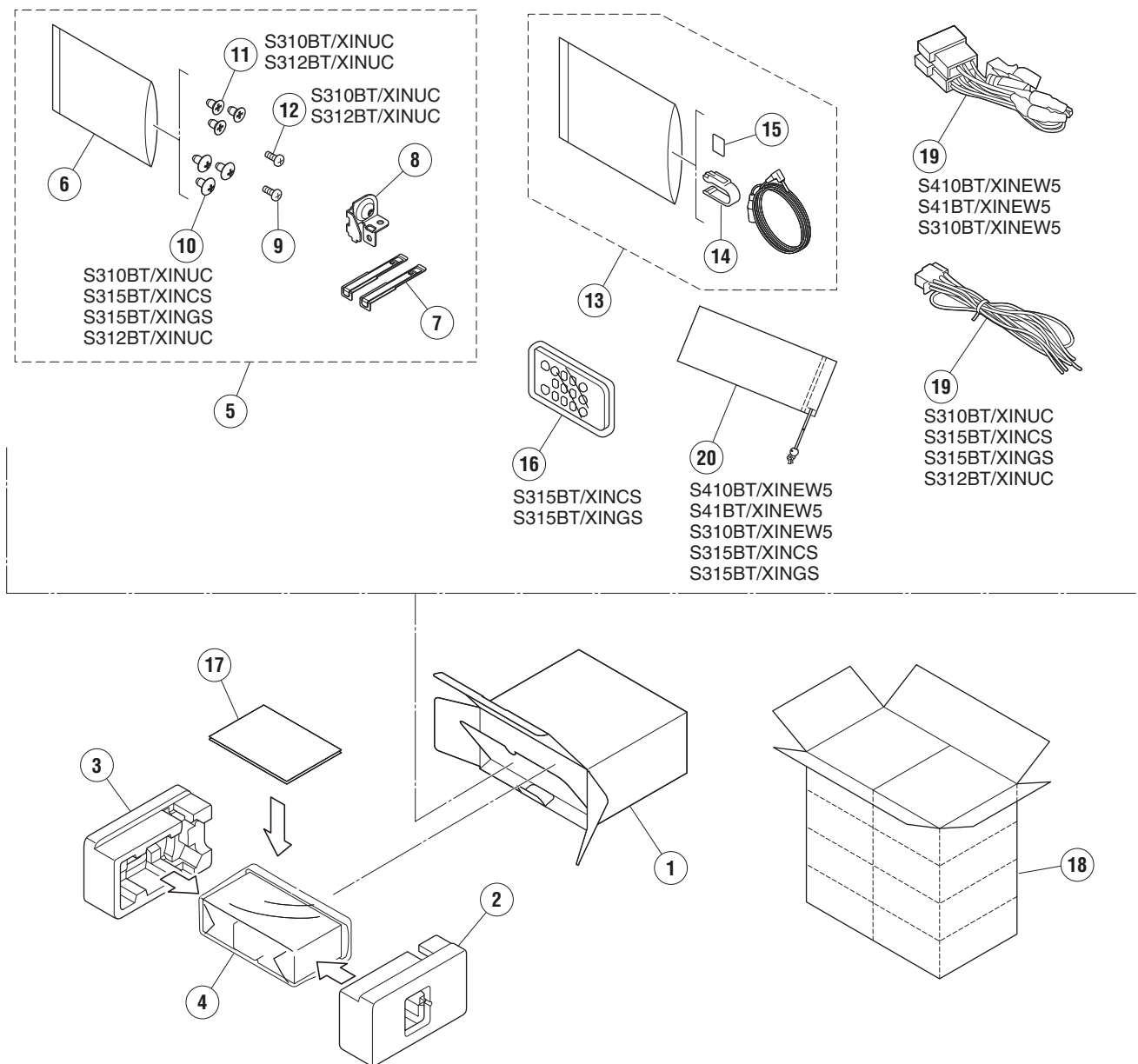


9. EXPLODED VIEWS AND PARTS LIST

- NOTES :**
- Parts marked by " * " are generally unavailable because they are not in our Master Spare Parts List.
 - The  mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.
 - Screw adjacent to  mark on the product are used for disassembly.
 - For the applying amount of lubricants or glue, follow the instructions in this manual.
(In the case of no amount instructions, apply as you think it appropriate.)

9.1 PACKING SECTION



(1) PACKING SECTION PARTS LIST

	<u>Mark No.</u>	<u>Description</u>	<u>Part No.</u>		<u>Mark No.</u>	<u>Description</u>	<u>Part No.</u>	
A	1	Unit Box	See Contrast table (2)		14	Holder	CZN7192	
	2	Protector	QHP3066		15	Cushion	CZN7193	
	3	Protector	QHP3051					
	4	Polyethylene Bag	CEG1260		16	Card Remote Control Unit	See Contrast table (2)	
	5	Accessory Assy	See Contrast table (2)		17-1	Owner's Manual	See Contrast table (2)	
■	*	6	Polyethylene Bag	CEG1160		17-2	Quick Start Guide	See Contrast table (2)
		7	Handle	QNC3119		17-3	Quick Start Guide	See Contrast table (2)
		8	Bracket	QNC3086	*	17-4	Web IM	See Contrast table (2)
		9	Screw	BSZ26P060FTC	*	17-5	Warranty Card	See Contrast table (2)
		10	Screw	See Contrast table (2)		18	Contain Box	See Contrast table (2)
	B					19	Cord Assy	See Contrast table (2)
						20	Detach G Case	See Contrast table (2)
		11	Screw	See Contrast table (2)				
		12	Screw	See Contrast table (2)				
		13	Microphone Assy	CPM1109				

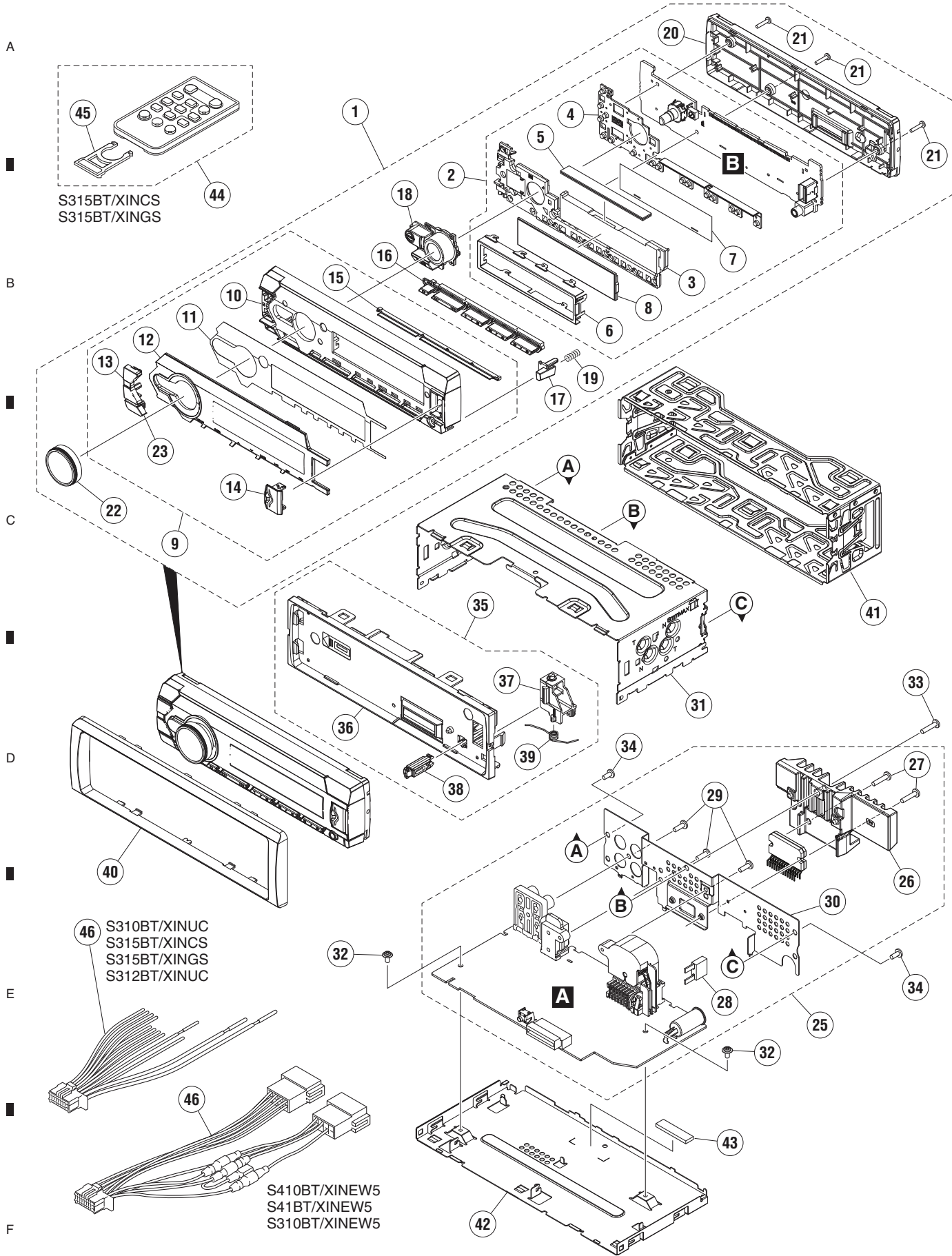
(2) CONTRAST TABLE

MVH-S310BT/XINUC, MVH-S410BT/XINEW5, MVH-S315BT/XINCS, MVH-S315BT/XINGS, MVH-S312BT/XINUC, MVH-S41BT/XINEW5 and MVH-S310BT/XINEW5 are constructed the same except for the following:

	Mark	No.	Description	MVH-S310BT /XINUC	MVH-S410BT /XINEW5	MVH-S315BT /XINCS	MVH-S315BT /XINGS
C		1	Unit Box	QHG4420	QHG4418	QHG4423	QHG4422
		5	Accessory Assy	QEA3320	QEA3318	QEA3341	QEA3341
		10	Screw	CBA2384	Not used	CBA2384	CBA2384
		11	Screw	CBA2383	Not used	Not used	Not used
		12	Screw	BPZ20P060FTC	Not used	Not used	Not used
■		16	Card Remote Control Unit	Not used	Not used	CXE9605	CXE9605
		17-1	Owner's Manual	Not used	QRB3780	Not used	QRD3599
		17-2	Quick Start Guide	Not used	QRD3584	Not used	Not used
	*	17-3	Quick Start Guide	QRD3586	QRD3585	QRD3598	Not used
		17-4	Web IM	See Contents of Web IM (3)	See Contents of Web IM (3)	See Contents of Web IM (3)	Not used
D	*	17-5	Warranty Card	QRY3001	CRY1376	Not used	Not used
		18	Contain Box	QHL4420	QHL4418	QHL4423	QHL4422
		19	Cord Assy	CDP1480	QDP3071	CDP1480	CDP1480
		20	Detach G Case	Not used	QEG3004	QEG3004	QEG3004

	Mark	No.	Description	MVH-S312BT /XINUC	MVH-S41BT /XINEW5	MVH-S310BT /XINEW5
■		1	Unit Box	QHG4421	QHG4419	QHG4426
		5	Accessory Assy	QEA3320	QEA3318	QEA3318
		10	Screw	CBA2384	Not used	Not used
		11	Screw	CBA2383	Not used	Not used
		12	Screw	BPZ20P060FTC	Not used	Not used
E		16	Card Remote Control Unit	Not used	Not used	Not used
		17-1	Owner's Manual	Not used	QRB3780	QRB3780
		17-2	Quick Start Guide	Not used	QRD3584	QRD3584
	*	17-3	Quick Start Guide	QRD3586	QRD3585	QRD3585
		17-4	Web IM	See Contents of Web IM (3)	See Contents of Web IM (3)	See Contents of Web IM (3)
■	*	17-5	Warranty Card	QRY3001	CRY1376	CRY1376
		18	Contain Box	QHL4421	QHL4419	QHL4426
		19	Cord Assy	CDP1480	QDP3071	QDP3071
		20	Detach G Case	Not used	QEG3004	QEG3004

9.2 EXTERIOR SECTION



(1) EXTERIOR SECTION PARTS LIST

Mark No.	Description	Part No.	
1	Detach Grille Assy	See Contrast table (2)	
2	Keyboard Unit	See Contrast table (2)	A
3	Lighting Conductor	QNV3153	
4	Contact Rubber	QNV3155	
5	Rubber Connector	QNV3129	
6	Holder	QNC3173	
7	Sheet	QNM3242	
8	Segment LCD (V1801)	CAW2065	
9	Grille Unit	See Contrast table (2)	
* 10	Grille	See Contrast table (2)	
* 11	Ds Tape	QNM3243	B
* 12	Plate	QNS4298	
* 13	Button(SOURCE, BACK)	QAC3312	
* 14	Door	QAT3037	
* 15	Lighting Conductor	QNV3157	
16	Button(DISP,TRACK,1-6)	QAC3319	
17	Button(DETACH)	QAC3320	
18	Button	See Contrast table (2)	
19	Spring	CBH2210	
20	Cover	QNS4299	C
21	Screw	BPZ20P100FTC	
22	Knob Unit	See Contrast table (2)	
23	Button(PHONE)	See Contrast table (2)	
24	•••••		
25	Tuner Amp Unit	See Contrast table (2)	
26	Heat Sink	QNR3010	
27	Screw	BSZ26P120FTC	
⚠ 28	Fuse(10 A)	CEK1415	
29	Screw	BPZ26P080FTC	D
30	Holder	See Contrast table (2)	
31	Chassis	QNA3037	
32	Screw	ASZ26P050FTC	
33	Screw	BSZ26P120FTC	
34	Screw	BSZ26P060FTC	
35	Panel Unit	QXA5291	
36	Panel	QNS4072	
* 37	Arm	QNV3025	
* 38	Button	QNV3026	E
39	Spring	QBH3001	
40	Panel	QNS4341	
41	Holder	QNC3118	
42	Case	QNB3054	
43	Sheet	QNM3130	
44	Card Remote Control Unit	See Contrast table (2)	
45	Cover	See Contrast table (2)	
46	Cord Assy	See Contrast table (2)	F

(2) CONTRAST TABLE

MVH-S310BT/XINUC, MVH-S410BT/XINEW5, MVH-S315BT/XINCS, MVH-S315BT/XINGS, MVH-S312BT/XINUC, MVH-S41BT/XINEW5 and MVH-S310BT/XINEW5 are constructed the same except for the following:

A

Mark	No.	Description	MVH-S310BT /XINUC	MVH-S410BT /XINEW5	MVH-S315BT /XINCS	MVH-S315BT /XINGS
*	1	Detach Grille Assy	QXA5772	QXA5770	QXA5775	QXA5774
	2	Keyboard Unit	QWM4991	QWM4990	QWM5002	QWM4991
	9	Grille Unit	QXA5472	QXA5470	QXA5474	QXA5474
	10	Grille	QNS4297	QNS4332	QNS4297	QNS4297
	18	Button	QAC3314(NAVI/BASS)	QAC3315(NAVI/PHONE)	QAC3314(NAVI/BASS)	QAC3314(NAVI/BASS)
	22	Knob Unit	QXA5430	QXA5430	QXA5430	QXA5430
	23	Button(PHONE)	QAC3313	Not used	QAC3313	QAC3313
	25	Tuner Amp Unit	QWM4944	QWM4942	QWM5090	QWM4946
	30	Holder	QNC3156	QNC3156	QNC3157	QNC3157
	44	Card Remote Control Unit	Not used	Not used	CXE9605	CXE9605
B	45	Cover	Not used	Not used	CNU3681	CNU3681
	46	Cord Assy	CDP1480	QDP3071	CDP1480	CDP1480

C

Mark	No.	Description	MVH-S312BT /XINUC	MVH-S41BT /XINEW5	MVH-S310BT /XINEW5
*	1	Detach Grille Assy	QXA5773	QXA5771	QXA5748
	2	Keyboard Unit	QWM4991	QWM5077	QWM4990
	9	Grille Unit	QXA5473	QXA5471	QXA5478
	10	Grille	QNS4297	QNS4332	QNS4332
	18	Button	QAC3314(NAVI/BASS)	QAC3315(NAVI/PHONE)	QAC3315(NAVI/PHONE)
	22	Knob Unit	QXA5430	QXA5423	QXA5423
	23	Button(PHONE)	QAC3313	Not used	Not used
	25	Tuner Amp Unit	QWM4945	QWM4943	QWM5075
	30	Holder	QNC3156	QNC3156	QNC3156
	44	Card Remote Control Unit	Not used	Not used	Not used
D	45	Cover	Not used	Not used	Not used
	46	Cord Assy	CDP1480	QDP3071	QDP3071

D

E

F

12. ELECTRICAL PARTS LIST

NOTE:

- Parts whose parts numbers are omitted are subject to being not supplied.
- The part numbers shown below indicate chip components.

Chip Resistor

RS1/○○○○○J,RS1/○○○S○○○J

Chip Capacitor (except for CQS.....)

CKS....., CCS....., CSZS.....

- Parts marked by " * " are generally unavailable because they are not in our Master Spare Parts List.
- The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.
- The expression of the unit in this manual is shown by u instead of μ. Please do not make a mistake.

<u>Circuit Symbol and No.</u>	<u>Part No.</u>	<u>Circuit Symbol and No.</u>	<u>Part No.</u>	
A: MVH-S310BT/XINUC		IC 291	DC/DC Converter IC(B)	NJW4132U2-A
B: MVH-S312BT/XINUC		IC 301	DC/DC Converter IC	MM3630BR
C: MVH-S410BT/XINEW5		IC 401	IC(C,D,E)	TC4066BFT
D: MVH-S41BT/XINEW5		IC 421	Op-amp IC(C,D,E)	NJM8065RB1
E: MVH-S310BT/XINEW5		IC 501	Microprocessor IC	STA1080
F: MVH-S315BT/XINCS		IC 502	IC	S-80827CNMC-B8M
G: MVH-S315BT/XINGS		IC 701	IC(A,B,C,D,F,G)	337S3959
		IC 711	RAM IC	M12L128168A-5TG2N
		IC 731	ROM IC	M95512-RMN6P
Unit Number: QWM4944(A)		IC 741	FlashROM Unit(A,B)	QVQ1054
Unit Number: QWM4945(B)		IC 741	FlashROM Unit(C,D,E,F,G)	QVQ1059
Unit Number: QWM4942(C)		IC 742	Flash Memory IC	W25Q16JVSSIQ
Unit Number: QWM4943(D)		IC 761	E-VOL System LSI(A,C,D,E,F,G)	BD37067FV
Unit Number: QWM5075(E)		IC 761	E-VOL System LSI(B)	BD37068FV
Unit Number: QWM5090(F)		IC 851	Tuner IC	TEF6686AHN
Unit Number: QWM4946(G)		IC 1101	Power Amp IC	PAL014A
Unit Name : Tuner Amp Unit		IC 1102	Logic IC	TC7SH32FUS2
Unit Number: QWM4991(A,B,G)		Q 111	Resistor Built-in Transistor	LTC014TEB
Unit Number: QWM4990(C,E)		Q 141	Resistor Built-in Transistor	LTC014TEB
Unit Number: QWM5077(D)		Q 253	Transistor	2SCR514PGZE
Unit Number: QWM5002(F)		Q 254	Transistor	EMD52
Unit Name : Keyboard Unit		Q 261	Transistor	TTC016
		Q 262	Transistor	EMD52
		Q 271	Transistor	2SAR502UB
		Q 272	Resistor Built-in Transistor	LTC023YEB
		Q 281	Transistor	TTC016
		Q 282	Transistor	EMD52
Unit Number: QWM4944(A)		Q 401	Transistor(C,D,E)	EMD52
Unit Number: QWM4945(B)		Q 701	Resistor Built-in Transistor(A,B,C,D,F,G)	LTA023YEB
Unit Number: QWM4942(C)		Q 1101	Transistor	EMD52
Unit Number: QWM4943(D)		Q 1102	Bipolar Transistor	LSAR523UB
Unit Number: QWM5075(E)		Q 1242	Transistor	IMH23
Unit Number: QWM5090(F)		Q 1243	Transistor(A,B,C,D,E)	IMH23
Unit Number: QWM4946(G)		Q 1276	Bipolar Transistor(F,G)	EMD53
Unit Name : Tuner Amp Unit		Q 1277	Bipolar Transistor(F,G)	EMD53
		Q 1278	Bipolar Transistor(F,G)	EMD53

MISCELLANEOUS

IC 201	Regulator IC	NJW4104U2-33A
IC 211	Regulator IC	MM3479A33P
IC 216	Regulator IC	MM3479A12P
IC 221	DC/DC Converter IC	KBD9876EFJ

5			6			7			8		
Circuit Symbol and No.			Part No.			Circuit Symbol and No.			Part No.		
D 201	Rectifier Diode		RR1VWM4STF			R 111			XRS1/16SS223J		
D 202	Zener Diode		UDZV5R6(B)			R 112			XRS1/16SS473J		
D 221	Schottky Diode		RB751SM-40			R 113	(A,B,F,G)		XRS1/16SS682J		A
D 222	Schottky Diode		RB056LAM-40TF			R 113	(C,D,E)		XRS1/16SS333J		
						R 114	(A,B,F,G)		RS1/4SA102J		
D 251	Zener Diode		UDZV10(B)								
D 261	Zener Diode		UDZV6R2(B)			R 114	(C,D,E)		RS1/4SA122J		
D 281	Zener Diode		UDZV9R1(B)			R 141			XRS1/16SS104J		
D 291	Schottky Diode(B)		RB551VM-30			R 142			XRS1/16SS473J		
D 301	Schottky Diode		RB060MM-30TF			R 201			XRS1/10SR104J		
						R 202			XRS1/16SS102J		
D 501	Schottky Diode(A,B,C,D,E)		RB751SM-40								
D 502	Schottky Diode(A,B,C,D,E)		RB751SM-40			R 223			XRS1/16SS472J		
D 1101	Rectifier Diode		RR1VWM4STF			R 225			XRS1/16SS2203D		
D 1102	Rectifier Diode		RR1VWM4STF			R 226			XRS1/16SS6802D		
D 1103	Schottky Diode		RB751SM-40			R 227			XRS1/10SR471J		B
						R 228			XRS1/10SR103J		
D 1201	Zener Diode		RSB6R8SM								
D 1204	Zener Diode		UDZV18(B)			R 230			XRS1/10SR224J		
D 1205	Zener Diode		UDZV18(B)			R 253			XRS1/10SR102J		
D 1206	Zener Diode		RSB6R8SM			R 254			XRS1/10SR0R0J		
D 1207	Zener Diode		RSB6R8SM			R 261			XRS1/10SR123J		
						R 262			XRS1/16SS472J		
D 1208	Zener Diode		RSB6R8SM								
D 1209	Zener Diode		RSB6R8SM			R 271			XRS1/16SS103J		
D 1210	Zener Diode		RSB6R8SM			R 272			XRS1/10SR221J		
L 101	Choke Coil 120 uH		CTH1620			R 281			XRS1/10SR152J		
L 221	SMD SPL Inductor		CTH1584			R 293	(B)		XRS1/16SS2202D		
						R 294	(B)		XRS1/16SS4701D		C
L 271	Inductor		CTF1736								
L 291	SMD SPL Inductor		CTH1674			R 295	(B)		XRS1/16SS4303D		
L 301	SMD SPL Inductor		CTH1584			R 296	(B)		XRS1/10SR102J		
L 421	Ferrite Bead(C,D,E)		CTF1528			R 304			XRS1/16SS273J		
L 502	Inductor		CTF1645			R 305			XRS1/16SS3001D		
						R 306			XRS1/16SS1602D		
L 557	Chip Beads		VTL1133								
L 711	Chip Beads		VTL1133			R 308			XRS1/16SS5600D		
L 854	Inductor		LCMAR27J1608			R 309			XRS1/16SS473J		
L 855	Inductor		CTF1786			R 310			XRS1/16SS304J		
L 856	Inductor(A,B,C,D,E,F)		CTF1787			R 311	0.030 ohm		CCN1322		
						R 314			RS1/8SQ331J		
L 857	SMD SPL Inductor(G)		LCYAR82J2016								D
L 858	Chip Coil(G)		LCTAWR27J2520			R 316			XRS1/16SS560J		
L 859	Chip Coil(G)		LCTAWR27J2520			R 401	(C,D,E)		XRS1/16SS102J		
L 860	Inductor(A,B,C,D,E,F)		LCYC150K1608			R 402	(C,D,E)		XRS1/16SS103J		
L 870	Inductor		LCMAR22J1608			R 424	(C,D,E)		XRS1/16SS272J		
						R 425	(C,D,E)		XRS1/16SS332J		
L 951	Chip Ferrite Bead		DTL1107								
L 1201	Noise Filter		CTF1901			R 426	(C,D,E)		XRS1/16SS333J		
X 501	Resonator 24 MHz		CSS1773			R 427	(C,D,E)		XRS1/16SS163J		
X 502	Resonator 32.768 kHz		CSS1807			R 428	(C,D,E)		XRS1/16SS824J		
X 851	Crystal Resonator 55.46667 MHz		CSS1898			R 429	(C,D,E)		XRS1/16SS563J		
						R 431	(C,D,E)		XRS1/16SS0R0J		
S 501	Switch(RESET)		CSG1020								
P 852	Surge Absorber		IMSA-6803-01Y900			R 432	(C,D,E)		XRS1/16SS273J		E
P 1243	Poly Switch		FSMD075-24R			R 433	(A,B,F,G)		XRS1/16SS0R0J		
P 1276	Poly Switch		FSMD075-24R			R 434	(A,B,F,G)		XRS1/16SS0R0J		
VA1201	SMD Varistor		MLV0402ES012V0010N			R 445	(C,D,E)		XRS1/16SS0R0J		
						R 450	(C,D,E)		XRS1/16SS0R0J		
VA1202	SMD Varistor		MLV0402ES012V0010N								
U 951	BT Module		CWX4751			R 501	(B)		XRS1/16SS222J		
CN1201	Connector		CKS6452			R 502			XRS1/16SS0R0J		
JA 101	Plug		CKM1624			R 503			XRS1/16SS221J		
JA 851	Antenna Jack		CKX1104			R 506			XRS1/16SS473J		
						R 507			XRS1/16SS473J		
JA 1241	Jack(A,B,C,D,E)		CKB1109								
JA 1241	Jack(F,G)		CKB1115			R 508			XRS1/16SS473J		F
JA 1276	Jack		CKN1103			R 509			XRS1/16SS473J		
						R 510			XRS1/16SS473J		
						R 511			XRS1/16SS473J		
						R 512			XRS1/16SS0R0J		
RESISTORS											

Circuit Symbol and No.Part No.Circuit Symbol and No.Part No.

			R 587	XRS1/16SS0R0J
A	R 513	XRS1/16SS222J		
	R 514	XRS1/16SS101J	R 591	XRS1/16SS361J
	R 515	XRS1/16SS103J	R 597	XRS1/16SS473J
	R 516	XRS1/16SS101J	R 598	XRS1/16SS102J
	R 517	XRS1/16SS103J	R 599	XRS1/16SS102J
			R 601	XRS1/16SS101J
	R 518 (A,B,C,D,F,G)	XRS1/16SS472J		
	R 519	XRS1/16SS271J	R 602	XRS1/16SS101J
	R 520	XRS1/16SS101J	R 603	XRS1/16SS101J
	R 521	XRS1/16SS473J	R 604	XRS1/16SS101J
	R 522	XRS1/16SS471J	R 605	XRS1/16SS101J
			R 611	XRS1/16SS472J
	R 524	XRS1/16SS3001D		
	R 525	XRS1/16SS103J	R 614	XRS1/16SS473J
B	R 526	XRS1/16SS1213F	R 615	XRS1/16SS103J
	R 527	XRS1/16SS101J	R 616	XRS1/10SR472J
	R 528	XRS1/16SS222J	R 617	XRS1/16SS473J
			R 621	XRS1/16SS0R0J
	R 529	XRS1/16SS3R3J		
	R 530	XRS1/16SS3R3J	R 627	XRS1/16SS153J
	R 531	XRS1/16SS222J	R 628	XRS1/16SS153J
	R 532	XRS1/16SS222J	R 629	XRS1/16SS472J
	R 533	XRS1/10SR103J	R 630	XRS1/16SS473J
			R 631	XRS1/16SS0R0J
	R 534	XRS1/10SR103J		
	R 536	XRS1/16SS472J	R 632	XRS1/16SS473J
	R 538 (A,C,D,F)	XRS1/16SS472J	R 633	XRS1/16SS472J
C	R 538 (D)	XRS1/16SS103J	R 634	XRS1/16SS473J
	R 538 (E,G)	XRS1/16SS473J	R 635	XRS1/16SS473J
			R 636	XRS1/16SS473J
	R 538 (F)	XRS1/16SS223J		
	R 539 (B,D,E,F)	XRS1/16SS473J	R 637	XRS1/16SS221J
	R 539 (G)	XRS1/16SS103J	R 638	XRS1/16SS221J
	R 540	XRS1/16SS222J	R 639	XRS1/16SS101J
	R 541	XRS1/16SS472J	R 642	XRS1/16SS221J
			R 643	XRS1/16SS101J
	R 545	XRS1/16SS473J		
	R 546	XRS1/16SS273J	R 644	XRS1/16SS473J
	R 547	XRS1/16SS473J	R 645	XRS1/16SS101J
	R 548	XRS1/16SS102J	R 647	XRS1/16SS102J
D	R 550	XRS1/16SS273J	R 648	XRS1/16SS102J
			R 652	XRS1/16SS473J
	R 551	XRS1/16SS103J		
	R 552	XRS1/16SS0R0J	R 657	XRS1/16SS101J
	R 554	XRS1/16SS222J	R 658	XRS1/16SS101J
	R 555	XRS1/16SS135J	R 659	XRS1/16SS101J
	R 556	XRS1/16SS102J	R 660	XRS1/16SS101J
			R 661	XRS1/16SS101J
	R 558	XRS1/16SS102J		
	R 561	XRS1/16SS103J	R 663	XRS1/16SS101J
	R 562	XRS1/16SS0R0J	R 664	XRS1/16SS101J
	R 564	XRS1/16SS472J	R 672	XRS1/16SS101J
	R 565	XRS1/16SS0R0J	R 675 (E)	XRS1/16SS472J
			R 676	XRS1/16SS472J
E	R 566	RAB4CQ103J		
	R 570	XRS1/16SS221J	R 677	XRS1/16SS472J
	R 571	XRS1/16SS221J	R 678	XRS1/16SS472J
	R 572	XRS1/16SS102J	R 681	XRS1/16SS472J
	R 573	XRS1/16SS473J	R 701 (A,B,C,D,F,G)	XRS1/16SS103J
			R 702 (A,B,C,D,F,G)	XRS1/16SS472J
	R 574	XRS1/16SS473J		
	R 575	XRS1/16SS473J	R 703 (A,B,C,D,F,G)	XRS1/16SS101J
	R 576	XRS1/16SS0R0J	R 704 (A,B,C,D,F,G)	XRS1/16SS0R0J
	R 577	XRS1/16SS330J	R 705 (A,B,C,D,F,G)	XRS1/16SS222J
	R 578	XRS1/16SS473J	R 706 (A,B,C,D,F,G)	XRS1/16SS222J
			R 707 (A,B,C,D,F,G)	XRS1/16SS472J
F	R 579	XRS1/16SS473J		
	R 580	XRS1/16SS473J	R 708 (A,B,C,D,F,G)	XRS1/16SS272J
	R 584	XRS1/16SS102J	R 709 (A,B,C,D,F,G)	XRS1/16SS473J
	R 586	XRS1/16SS103J	R 710 (A,B,C,D,F,G)	XRS1/16SS0R0J

5	6	7	8	
<u>Circuit Symbol and No.</u>	<u>Part No.</u>	<u>Circuit Symbol and No.</u>	<u>Part No.</u>	
R 714	RAB4CQ121J	R 1109 (A,C,D,E,F,G)	XRS1/16SS0R0J	A
R 715	RAB4CQ121J	R 1109 (B)	XRS1/16SS432J	
		R 1110 (A,C,D,E,F,G)	XRS1/16SS0R0J	
R 716	RAB4CQ121J			
R 717	RAB4CQ121J	R 1110 (B)	XRS1/16SS432J	
R 718	RAB4CQ121J	R 1111 (A,C,D,E,F,G)	XRS1/16SS0R0J	
R 719	RAB4CQ121J	R 1111 (B)	XRS1/16SS432J	
R 720	RAB4CQ121J	R 1112 (A,C,D,E,F,G)	XRS1/16SS0R0J	
		R 1112 (B)	XRS1/16SS432J	
R 721	RAB4CQ121J			B
R 722	RAB4CQ121J	R 1113 (B)	XRS1/16SS272J	
R 724	XRS1/16SS121J	R 1114 (B)	XRS1/16SS272J	
R 731	XRS1/16SS330J	R 1115 (B)	XRS1/16SS272J	
R 732	XRS1/16SS330J	R 1116 (B)	XRS1/16SS272J	
		R 1122	XRS1/16SS103J	
R 733	XRS1/16SS103J			
R 734	XRS1/16SS103J	R 1123	XRS1/16SS102J	
R 735	XRS1/16SS103J	R 1201	XRS1/10SR222J	
R 736	XRS1/16SS330J	R 1203	XRS1/16SS223J	
R 737	XRS1/16SS330J	R 1204	XRS1/16SS223J	C
		R 1205	XRS1/10SR222J	
R 741	XRS1/16SS330J			
R 742	XRS1/16SS103J	R 1206	XRS1/10SR221J	
R 743	XRS1/16SS103J	R 1207	XRS1/10SR221J	
R 744	XRS1/16SS330J	R 1208	XRS1/10SR0R0J	
R 745	XRS1/16SS330J	R 1209	XRS1/10SR222J	
		R 1210	XRS1/10SR222J	
R 746	XRS1/16SS103J			
R 747	XRS1/16SS330J	R 1211	XRS1/10SR222J	
R 748	XRS1/16SS330J	R 1212	XRS1/10SR222J	D
R 749	XRS1/16SS330J	R 1213	XRS1/16SS123J	
R 750	XRS1/16SS103J	R 1214	XRS1/10SR222J	
		R 1215	XRS1/10SR101J	
R 751	XRS1/16SS103J			
R 753	XRS1/16SS103J	R 1221	RS1/4SA0R0J	
R 761	XRS1/10SR221J	R 1223	RS1/4SA0R0J	
R 762 (B)	XRS1/16SS0R0J	R 1243 (A,C,D,E,F,G)	XRS1/16SS821J	
R 763	XRS1/16SS101J	R 1243 (B)	XRS1/16SS470J	
		R 1244 (A,C,D,E,F,G)	XRS1/16SS821J	
R 764	XRS1/16SS101J			E
R 765 (B)	XRS1/16SS222J	R 1244 (B)	XRS1/16SS470J	
R 766 (A,C,D,E,F,G)	XRS1/16SS0R0J	R 1245 (A,C,D,F)	XRS1/16SS821J	
R 767	XRS1/16SS104J	R 1245 (B)	XRS1/16SS470J	
R 768	XRS1/16SS181J	R 1246 (A,C,D,F)	XRS1/16SS821J	
		R 1246 (B)	XRS1/16SS470J	
R 851	XRS1/16SS105J			
R 852	XRS1/16SS105J	R 1247 (A,B,C,D,E)	XRS1/16SS223J	
R 853 (A,B,C,D,E,F)	XRS1/16SS391J	R 1248 (A,B,C,D,E)	XRS1/16SS223J	
R 853 (G)	XRS1/16SS101J	R 1249	XRS1/16SS223J	
R 863	XRS1/16SS103J	R 1250	XRS1/16SS223J	F
		R 1254	XRS1/16SS0R0J	
R 868	XRS1/16SS103J			
R 870	XRS1/16SS101J	R 1256 (A,B,C,D,E)	XRS1/16SS0R0J	
R 873	XRS1/16SS472J	R 1262	XRS1/16SS0R0J	
R 874	XRS1/16SS101J	R 1263	XRS1/16SS0R0J	
R 875	XRS1/16SS472J	R 1264 (A,B,C,D,E)	XRS1/16SS0R0J	
		R 1265 (A,B,C,D,E)	XRS1/16SS0R0J	
R 890	XRS1/16SS0R0J			
R 952	XRS1/16SS221J	R 1276 (F,G)	XRS1/16SS8201D	
R 953	XRS1/16SS473J	R 1277 (F,G)	XRS1/16SS6800D	
R 954	XRS1/16SS221J	R 1278 (A,B,C,D,E)	XRS1/16SS102J	
R 958	XRS1/16SS221J	R 1278 (F,G)	XRS1/16SS1001D	
		R 1279 (F,G)	XRS1/16SS6800D	
R 960	XRS1/16SS473J			
R 961	XRS1/16SS473J	R 1280 (A,B,C,D,E)	XRS1/16SS102J	
R 1101	XRS1/16SS123J	R 1280 (F,G)	XRS1/16SS1001D	
R 1102	XRS1/16SS103J	R 1281	XRS1/16SS101J	
R 1103	XRS1/16SS221J	R 1282	XRS1/16SS101J	
		R 1283 (F,G)	XRS1/16SS8201D	
R 1106	XRS1/16SS103J			
R 1107	XRS1/16SS0R0J			

CAPACITORS

Circuit Symbol and No.Part No.Circuit Symbol and No.Part No.

A	C 101	CEHAT222M16	C 318		CCSSCH470J50
	C 102	CKSRYB103K50	C 320		CKSRYX475K10
	C 111	CKSRYX104K50	C 401	(C,D,E)	CKSSYB104K10
	C 201	CEHAT332M16	C 422	(C,D,E)	CKSRYX106M6R3
	C 202	CKSRYX104K50	C 423	(C,D,E)	CKSSYB104K10
			C 424	(C,D,E)	CKSRYX105K16
	C 203	CKSSYB104K10			
	C 204	CKSQYX106K10	C 425	(C,D,E)	CKSSYB104K10
	C 205	CKSYX106K35	C 426	(C,D,E)	CKSSYB182K50
	C 211	CKSRYX105K16	C 427	(C,D,E)	CKSRYX105K25
	C 212	CKSRYX105K16	C 428	(C,D,E)	CKSSYX105K10
			C 429	(C,D,E)	CCSSCH6R0D50
	C 213	CKSSYB104K10			
	C 216	CKSRYX105K16	C 430	(C,D,E)	CKSSYB102K50
B	C 217	CKSRYX105K16	C 431	(C,D,E)	CKSSYB104K10
	C 218	CKSSYB104K10	C 434	(C,D,E)	CCSSCH6R0D50
	C 221	CKSYX106K35	C 435	(C,D,E)	CKSSYB102K50
			C 445	(C,D,E)	CKSRYX105K16
	C 222	CKSRYX105K50			
	C 223	CKSRYX104K50	C 446	(C,D,E)	CKSRYX105K16
	C 224	CKSRYB103K50	C 450	(C,D,E)	CKSSYB104K16
	C 226	CKSSYB102K50	C 451	(C,D,E)	CKSSYB102K50
	C 227	CKSRYX475K6R3	C 502		CKSSYB104K10
			C 503		CKSRYX475K6R3
	C 228	CKSRYX105K16			
	C 229	CKSSYX105K10	C 505		CKSSYB104K10
	C 230	CEHVW221M16	C 506		CKSRYX475K6R3
C	C 241	CKSRYB474K16	C 507		CKSRYX475K6R3
	C 242	CKSRYB474K16	C 508		CKSSYB104K10
			C 509		CKSRYX475K6R3
	C 244	CCSSCH470J50			
	C 251	CKSRYX105K50	C 510		CKSSYB104K10
	C 252	CKSRYX104K50	C 511		CKSRYX475K6R3
	C 253	CKSRYX105K16	C 512		CKSSYB104K10
	C 254	CKSSYB104K16	C 513		CKSRYX475K6R3
			C 514		CKSSYB104K10
	C 261	CKSSYB104K10			
	C 262	CKSRYX105K16	C 517		CKSSYB104K10
	C 263	CKSSYB104K10	C 518		CCSSCH100D50
	C 272	CKSRYX106M6R3	C 519		CCSSCH100D50
D	C 274	CKSRYX106M6R3	C 520		CKSRYX475K6R3
			C 521		CKSSYB104K10
	C 281	CKSRYX105K16			
	C 282	CKSSYB104K16	C 522		CKSRYX475K6R3
	C 283	CKSSYB104K16	C 523		CKSRYX475K6R3
	C 291	10 uF/35 V(B)	C 524		CKSRYX475K6R3
	C 292	10 uF/35 V(B)	C 525		CKSRYX106M6R3
			C 526		CKSSYB103K16
	C 293	(B)			
	C 294	(B)	C 527		CKSRYX106M6R3
	C 295	(B)	C 528		CKSSYB103K16
	C 299	(B)	C 529		CKSSYB104K10
	C 301	CKSSYB153K16	C 530		CKSRYX475K6R3
E			C 531		CKSSYX105K10
	C 302	CKSSYB222K50			
	C 304	CKSSYB221K50	C 532		CKSSYX105K10
	C 305	CKSSYX105K10	C 533		CKSRYX475K6R3
	C 306	CKSRYX104K50	C 534		CKSSYB104K10
	C 307	CKSYX226M16	C 535		CEHVW221M16
			C 536		CCSSCH101J50
	C 308	CKSRYX225K10			
	C 309	CEHVW470M16	C 537		CKSSYB103K16
	C 310	CKSRYB224K16	C 538		CKSRYX106M6R3
	C 311	CCG1236	C 539		CKSSYB103K16
	C 312	CEHVW470M16	C 540		CKSRYX106M6R3
			C 541		CKSSYB222K50
F	C 314	CKSRYX225K10			
	C 315	(G)	C 542		CKSSYB104K10
	C 316	(G)	C 543		CKSSYX105K10
	C 317	(G)	C 544		CKSSYB473K16
		CKSRYX104K50			

5		6		7		8	
Circuit Symbol and No.		Part No.		Circuit Symbol and No.		Part No.	
C 545		CCSSCH100D50		C 780		CKSRX104K50	
C 546		CCSSCH120J50		C 781		CKSRX105K16	
				C 782		CKSRX105K16	A
C 551		CKSSYB104K10					
C 552		CKSRX475K6R3		C 783		CKSRX105K16	
C 553		CKSRX106M6R3		C 784		CKSRX105K16	
C 555		CKSSYB103K16		C 785		CKSRX105K16	
C 556		CKSSYB104K10		C 787		CKSQYX106K16	
				C 788		CKSQYX106K16	
C 559		CKSQYB224K50					
C 560		CKSSYB103K16		C 790		CKSRX106M6R3	
C 565		CCSSCH330J50		C 791		CKSSYB103K25	
C 566		CCSSCH330J50		C 853		CCSSCH120J50	
C 571		CCSSCH330J50		C 854		CCSSCH471J50	
				C 858		CCSSCH5R0C50	
C 572		CCSSCH330J50					
C 575		CKSSYB104K10		C 859		CCSSCH120J50	B
C 580		CKSRX104K50		C 860	(G)	CCSSCK2R0C50	
C 586		CKSSYB102K50		C 861	(G)	CCSSCK1R0C50	
C 588		CKSSYB104K10		C 862	(G)	CCSSCK1R0C50	
				C 863	(G)	CCSSCH120J50	
C 590	(A,C,D,E,F,G)	CKSSYB472K50					
C 590	(B)	CKSSYB332K50		C 866		CKSSYB224K6R3	
C 591	(A,C,D,E,F,G)	CKSSYB472K50		C 867		CKSSYB102K50	
C 591	(B)	CKSSYB332K50		C 870		CKSSYB102K50	
C 592	(A,C,D,E,F,G)	CKSSYB472K50		C 871		CKSSYB104K10	
				C 872		CKSSYB104K10	
C 592	(B)	CKSSYB332K50					
C 593	(A,C,D,E,F,G)	CKSSYB472K50		C 874		CCSSCH180J50	C
C 593	(B)	CKSSYB332K50		C 878		CKSSYB152K50	
C 595	(A,C,D,E,F,G)	CKSSYB472K50		C 883		CKSRX225K10	
C 595	(B)	CKSSYB332K50		C 891		CKSRX225K10	
				C 892		CKSSYB104K10	
C 701	(A,B,C,D,F,G)	CKSSYB104K10					
C 702	(A,B,C,D,F,G)	CKSSYB104K10		C 893		CKSSYB104K10	
C 711		CKSRX475K6R3		C 894		CKSRX475K6R3	
C 712		CKSSYX105K10		C 895		CKSRX105K16	
C 713		CKSSYB104K10		C 896	0.1 uF/50 V(G)	CCG1321	
				C 897	0.1 uF/50 V(G)	CCG1321	
C 714		CKSSYX105K10					
C 715		CKSSYX105K10		C 898	(G)	CKSRX224K16	
C 716		CKSSYX105K10		C 953		CKSSYB104K16	D
C 718		CKSSYB104K10		C 954		CKSSYB104K16	
C 719		CKSSYB104K10		C 1101		CKSQYB474K25	
				C 1102		CKSQYB474K25	
C 722		CKSSYB104K10					
C 731		CKSSYB104K10		C 1103		CKSQYB474K25	
C 741		CKSRX225K10		C 1104		CKSQYB474K25	
C 742		CKSSYB104K10		C 1106		CKSRX474K10	
C 743		CKSSYB104K10		C 1108		CKSRX104K50	
				C 1110		CKSQYX106K16	
C 744		CKSSYB103K16					
C 761		CKSRX105K16		C 1111		CKSRX225K10	
C 762		CKSRX105K16		C 1112		CKSRX104K50	
C 763		CKSRX105K16		C 1118		CKSSYB104K10	E
C 767	(C,D,E)	CKSRX105K16		C 1119		CKSRX104K50	
				C 1120		CKSRX104K50	
C 768	(C,D,E)	CKSRX105K16					
C 769		CKSRX105K16		C 1121		CKSRX106M6R3	
C 770		CKSRX105K16		C 1201	1 000 pF	CCG1345	
C 771		CKSRX105K16		C 1202		CKSRX104K50	
C 772		CKSRX105K16		C 1203		CKSRX104K50	
				C 1204		CKSRX105K16	
C 773		CKSRX105K16					
C 774		CCSSCH151J50		C 1205		CCSRCH221J50	
C 775		CCSSCH151J50		C 1206		CCSRCH221J50	
C 776		CKSRX104K50		C 1210		CKSRX105K16	
C 777	10 uF	CCG1236		C 1217		CCSSCH121J50	F
				C 1243	(A,C,D,E,F,G)	CKSQYX106K10	
C 778	(C,D,E)	CKSRX105K16					
C 779		CKSQYX106K10		C 1243	(B)	CKSQYX106K25	

Circuit Symbol and No.**Part No.**

C 1244	(A,C,D,E,F,G)	CKSQYX106K10
C 1244	(B)	CKSQYX106K25
C 1245	(A,C,D,F)	CKSQYX106K10
C 1245	(B)	CKSQYX106K25

C 1246	(A,C,D,F)	CKSQYX106K10
C 1246	(B)	CKSQYX106K25
C 1247	(A,C,D,F)	CCSSCH102J50
C 1247	(B)	CKSSYB103K16
C 1248	(A,C,D,F)	CCSSCH102J50

C 1248	(B)	CKSSYB103K16
C 1249	(A,C,D,E,F,G)	CCSSCH102J50
C 1249	(B)	CKSSYB103K16
C 1250	(A,C,D,E,F,G)	CCSSCH102J50
C 1250	(B)	CKSSYB103K16

C 1276		CKSSYB104K16
C 1277		CKSSYB104K16
C 1278		CKSSYB104K16
C 1279		CKSSYB104K16
C 1280		CKSSYB102K50

C 1281		CKSSYB102K50
C 1282	0.1 uF/50 V(G)	CCG1321
C 1284		CKSRYB474K10

Circuit Symbol and No.**Part No.**

D 1967	LED(A,B,F,G)	FC-F1608BAK5
D 1968	LED(A,B,F,G)	FC-F1608BAK5
D 1969	Red LED(C,E)	FC-1608SXX630D08

D 1969	Red LED(D)	SML-D12D8W(RS)
D 1970	Red LED(C,E)	FC-1608SXX630D08
D 1970	LED(D)	SML-D12D8W(RS)
D 1971	Red Red LED(C,E)	FC-1608SXX630D08
D 1971	LED(D)	SML-D12D8W(RS)

D 1972	Red LED(C,E)	FC-1608SXX630D08
D 1972	Red LED(D)	SML-D12D8W(RS)
D 1973	Red LED(C,E)	FC-1608SXX630D08
D 1973	Red LED(D)	SML-D12D8W(RS)
D 1974	Red LED(C,E)	FC-1608SXX630D08

D 1974	Red LED(D)	SML-D12D8W(RS)
D 1975	Red LED(C,E)	FC-1608SXX630D08
D 1975	Red LED(D)	SML-D12D8W(RS)
D 1976	Red LED(C,E)	FC-1608SXX630D08
D 1976	Red LED(D)	SML-D12D8W(RS)

D 1977	Red LED(C,E)	FC-1608SXX630D08
D 1977	Red LED(D)	SML-D12D8W(RS)
D 1978	Red LED(C,E)	FC-1608SXX630D08
D 1978	Red LED(D)	SML-D12D8W(RS)
D 1979	Red LED(C,E)	FC-1608SXX630D08

D 1979	Red LED(D)	SML-D12D8W(RS)
D 1980	Red LED(C,E)	FC-1608SXX630D08
D 1980	Red LED(D)	SML-D12D8W(RS)
D 1981	Red LED(C,E)	FC-1608SXX630D08
D 1981	Red LED(D)	SML-D12D8W(RS)

D 1982	Red LED(C,E)	FC-1608SXX630D08
D 1982	Red LED(D)	SML-D12D8W(RS)
D 1983	Red LED(C,E)	FC-1608SXX630D08
D 1983	Red LED(D)	SML-D12D8W(RS)
D 1984	Red LED(C,E)	FC-1608SXX630D08

D 1984	Red LED(D)	SML-D12D8W(RS)
D 1985	Red LED(C,E)	FC-1608SXX630D08
D 1985	Red LED(D)	SML-D12D8W(RS)
S 1839	Rotary Encoder(MULTI-CONTROL)	CSD1212
CN1941	Connector	CKS6451

JA 1901	Connector	CKS6443
JA 1921	Jack	CKN1090
V 1801	Segment LCD	CAW2065

RESISTORS

R 1802		XRS1/10SR472J
R 1821		XRS1/10SR273J
R 1851	(C,D,E)	XRS1/10SR473J
R 1854	(A,B,F,G)	XRS1/10SR101J
R 1921		XRS1/10SR221J

R 1922		XRS1/10SR221J
R 1923		XRS1/10SR0R0J
R 1941		XRS1/10SR222J
R 1942		XRS1/10SR222J
R 1943		XRS1/10SR222J

R 1944		XRS1/10SR222J
R 1956	(A,B,F,G)	XRS1/10SR392J
R 1958	(A,B,F,G)	XRS1/10SR561J
R 1960	(A,B,F,G)	XRS1/10SR331J
R 1962	(A,B,F,G)	XRS1/10SR471J

R 1964	(A,B,F,G)	XRS1/10SR392J
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B**Unit Number: QWM4991(A,B,G)****Unit Number: QWM4990(C,E)****Unit Number: QWM5077(D)****Unit Number: QWM5002(F)****Unit Name : Keyboard Unit****MISCELLANEOUS**

IC 1801	Driver IC	BU97540KV-M
IC 1851	IR RC REC Module(A,B,F,G)	SIR8440B5
Q 1953	Transistor	2SAR502UB
Q 1954	Transistor	LTC143EUB
D 1801	Zener Diode	RSB6R8SM
D 1802	Zener Diode	RSB6R8SM
D 1901	Zener Diode	SZESD7351HG
D 1902	Zener Diode	SZESD7351HG
D 1921	Zener Diode	RSB6R8SM
D 1922	Zener Diode	RSB6R8SM

D 1923	Zener Diode	RSB6R8SM
D 1951	White LED	CSL0401WBHCW1(A)
D 1952	LED(A,B,F,G)	FC-F1608BAK5
D 1953	LED(A,B,F,G)	FC-F1608BAK5
D 1954	LED(A,B,F,G)	FC-F1608BAK5

D 1955	LED(A,B,F,G)	FC-F1608BAK5
D 1956	LED(A,B,F,G)	FC-F1608BAK5
D 1957	LED(A,B,F,G)	FC-F1608BAK5
D 1958	LED(A,B,F,G)	FC-F1608BAK5
D 1959	LED(A,B,F,G)	FC-F1608BAK5

D 1960	LED(A,B,F,G)	FC-F1608BAK5
D 1961	LED(A,B,F,G)	FC-F1608BAK5
D 1962	LED(A,B,F,G)	FC-F1608BAK5
D 1963	LED(A,B,F,G)	FC-F1608BAK5
D 1964	LED(A,B,F,G)	FC-F1608BAK5

D 1965	LED(A,B,F,G)	FC-F1608BAK5
D 1966	LED(A,B,F,G)	FC-F1608BAK5

Circuit Symbol and No.

Part No.

R 1966	(A,B,F,G)	XRS1/10SR392J
R 1968	(A,B,F,G)	XRS1/10SR392J
R 1970	(A,B,F,G)	XRS1/10SR332J
R 1972	(A,B,F,G)	XRS1/10SR332J
R 1974	(C,D,E)	XRS1/10SR102J
R 1976	(C,D,E)	XRS1/10SR152J
R 1977	(C,D,E)	RS1/4SA561J
R 1980	(C,D,E)	XRS1/10SR102J
R 1982	(C,D,E)	XRS1/10SR122J
R 1984	(C,D,E)	XRS1/10SR821J
R 1986	(C,D,E)	XRS1/10SR821J
R 1988	(C,D,E)	XRS1/10SR681J
R 1990	(C,D,E)	XRS1/10SR681J
R 1991	(A,B,F,G)	XRS1/10SR0R0J
R 1996	(C,D,E)	XRS1/10SR0R0J
R 1998		XRS1/10SR272J
R 1999		XRS1/10SR103J
R 2001		XRS1/10SR0R0J
R 2002		RS1/8SQ181J
R 2003		RS1/8SQ181J

CAPACITORS

C 1801		CKSRYX105K16
C 1802		CKSRYB104K25
C 1851	(A,B,F,G)	CKSQYX106K10
C 1901		CCSRCH471J50
C 1902		CKSRYX475K6R3
C 1905		CKSRYX105K16
C 1923		CKSRYB224K16