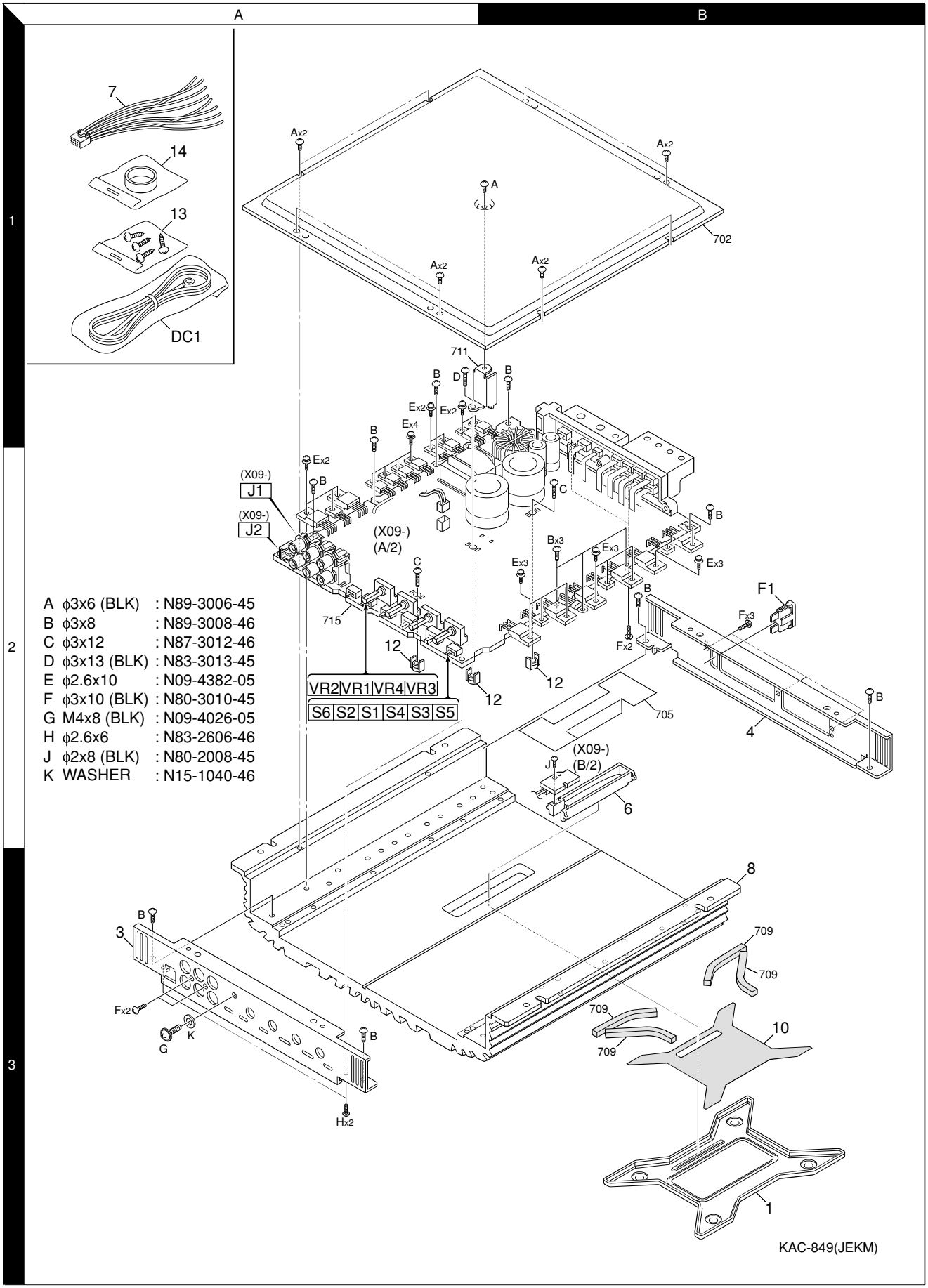
EXPLODED VIEW



A	φ3x6 (BLK)	: N89-3006-45
B	φ3x8	: N89-3008-46
C	φ3x12	: N87-3012-46
D	φ3x13 (BLK)	: N83-3013-45
E	φ2.6x10	: N09-4382-05
F	φ3x10 (BLK)	: N80-3010-45
G	M4x8 (BLK)	: N09-4026-05
H	φ2.6x6	: N83-2606-46
J	φ2x8 (BLK)	: N80-2008-45
K	WASHER	: N15-1040-46

Parts with exploded view numbers larger than 700 are not supplied.

PARTS LIST

✻ New Parts
Parts without **Part No.** are not supplied.

Ref. No.	Add	New	Parts No.	Description	Destination
KAC-849					
1	3B	✻	A21-4089-02	DRESSING PANEL	
3	3A	✻	A64-2334-02	FRONT PANEL	
4	2B	✻	A84-0280-02	REAR PANEL	
6	2B	✻	B19-2083-03	LIGHTING BOARD	
-			B46-0100-50	WARRANTY CARD	KE1M1
-		✻	B64-1969-00	INST. MANUAL (ENGLISH)	KE1
-		✻	B64-1970-00	INST. MANUAL (FRENCH,SPANISH)	KE1
-		✻	B64-1971-00	INST. MANUAL (GERMAN,DUTCH)	E1
-		✻	B64-1972-00	INST. MANUAL (ITA,POR)	E1
-		✻	B64-1973-00	INST. MANUAL (ENGLISH,CHINESE)	M1
7	1A	✻	E30-4949-05	CONNECTING CORD ASSY	
8	3B	✻	F01-1660-01	HEAT SINK	
⚠F1	2B	✻	F52-0016-05	FUSE (BLADE TYPE) (40A)	
10	3B	✻	H30-0542-03	ADHESIVE DOUBLE-COATED TAPE	
-			H10-4645-03	POLYSTYRENE FOAMED FIXTURE	
-			H25-0321-04	PROTECTION BAG (600X315X0.03)	
-			H25-0336-04	PROTECTION BAG (170X250X0.03)	
-		✻	H54-2070-03	ITEM CARTON CASE	
12	2A		J30-1066-04	SPACER	
13	1A		N99-1587-05	SCREW SET	
A	1A		N89-3006-45	BINDING HEAD TAPTITE SCREW	
B	1A		N89-3008-46	BINDING HEAD TAPTITE SCREW	
C	2A		N87-3012-46	BRAZIER HEAD TAPTITE SCREW	
D	1A		N83-3013-45	PAN HEAD TAPTITE SCREW	
E	2B		N09-4382-05	TAPTITE SCREW (2.6X10)	
F	3A		N80-3010-45	PAN HEAD TAPTITE SCREW	
G	3A		N09-4026-05	TAPPING SCREW (4X8,TP,S)	
H	3A		N83-2606-46	PAN HEAD TAPTITE SCREW	
J	2B		N80-2008-45	PAN HEAD TAPTITE SCREW	
K	3A		N15-1040-46	FLAT WASHER	
14	1A		W01-1515-05	TERMINAL COVER SET	
AUDIO UNIT (X09-5390-10)					
D13		✻	B30-1613-05	LED (BLUE)	
C1			CE04DW1C100M	ELECTRO 10UF 16WV	
C2			CE04DW1V330M	ELECTRO 33UF 35WV	
C3			CE04DW1V470M	ELECTRO 47UF 35WV	
C4			CE04DW1H2R2M	ELECTRO 2.2UF 50WV	
C5			CE04DW1C100M	ELECTRO 10UF 16WV	
C6			CF92FV1H102J	MF-C 1000PF J	
C7			CE04DW1H010M	ELECTRO 1.0UF 50WV	
C8			CE04DW1H2R2M	ELECTRO 2.2UF 50WV	
C9			CF92FV1H822J	MF-C 8200PF J	
C10			C90-2566-05	ELECTRO 2200UF 16WV	
C11 ,12		✻	C90-5372-05	ELECTRO 4700UF 35WV	
C13 -16			CE04DW1V220M	ELECTRO 22UF 35WV	

Ref. No.	Add	New	Parts No.	Description	Destination
C17 -24			CF92FV1H222J	MF-C 2200PF J	
C25			CE04DW0J101M	ELECTRO 100UF 6.3WV	
C26			CE04DW1H221M	ELECTRO 220UF 50WV	
C27			CE04DW0J101M	ELECTRO 100UF 6.3WV	
C28			CE04DW1C100M	ELECTRO 10UF 16WV	
C29			CE04DW1H010M	ELECTRO 1.0UF 50WV	
C30			CE04DW1E330M	ELECTRO 33UF 25WV	
C31			CE04DW1E470M	ELECTRO 47UF 25WV	
C32 -43			CK73GB1H103K	CHIP C 0.010UF K	
C44			CE04DW1V220M	ELECTRO 22UF 35WV	
C45			C90-2566-05	ELECTRO 2200UF 16WV	
C46			CE04DW1E100M	ELECTRO 10UF 25WV	
C100			CF92FV1H102J	MF-C 1000PF J	
C101,102			CK73GB1H102K	CHIP C 1000PF K	
C103,104			CE04DW1C100M	ELECTRO 10UF 16WV	
C105,106			CC73GCH1H150J	CHIP C 15PF J	
C109-112			CE04DW1C100M	ELECTRO 10UF 16WV	
C113,114			CC73GCH1H150J	CHIP C 15PF J	
C115,116			CE04DW1C100M	ELECTRO 10UF 16WV	
C117,118			CK73FB1C334K	CHIP C 0.33UF K	
C119,120			CK73GB1E473K	CHIP C 0.047UF K	
C121-124			CE04DW1C100M	ELECTRO 10UF 16WV	
C126			CK73GB1H102K	CHIP C 1000PF K	
C128			CE04DW1C220M	ELECTRO 22UF 16WV	
C129,130			CC73GCH1H470J	CHIP C 47PF J	
C150			CE04DW1V220M	ELECTRO 22UF 35WV	
C151,152			CE04DW1C100M	ELECTRO 10UF 16WV	
C153,154			CC73GCH1H471J	CHIP C 470PF J	
C155,156			CF92FV1H103J	MF-C 0.010UF J	
C157,158			CE04DW1E470M	ELECTRO 47UF 25WV	
C159,160			CC45FSL1H100D	CERAMIC 10PF D	
C161,162		✻	CK45FB1H121K	CERAMIC 120PF K	
C163,164			CE04DW1V100M	ELECTRO 10UF 35WV	
C165,166			CF92FV1H102J	MF-C 1000PF J	
C167-170			CC45FSL1H470J	CERAMIC 47PF J	
C191,192			CF92FV1H473J	MF-C 0.047UF J	
C200			CF92FV1H102J	MF-C 1000PF J	
C201,202			CK73GB1H102K	CHIP C 1000PF K	
C203,204			CE04DW1C100M	ELECTRO 10UF 16WV	
C205,206			CC73GCH1H150J	CHIP C 15PF J	
C209-212			CE04DW1C100M	ELECTRO 10UF 16WV	
C213,214			CC73GCH1H150J	CHIP C 15PF J	
C215,216			CE04DW1C100M	ELECTRO 10UF 16WV	
C217,218			CK73FB1C334K	CHIP C 0.33UF K	
C219,220			CK73GB1E473K	CHIP C 0.047UF K	
C221-224			CE04DW1C100M	ELECTRO 10UF 16WV	
C226			CK73GB1H102K	CHIP C 1000PF K	
C228			CE04DW1C220M	ELECTRO 22UF 16WV	
C229,230			CC73GCH1H470J	CHIP C 47PF J	
C250			CE04DW1V220M	ELECTRO 22UF 35WV	
C251,252			CE04DW1C100M	ELECTRO 10UF 16WV	
C253,254			CC73GCH1H471J	CHIP C 470PF J	
C255,256			CF92FV1H103J	MF-C 0.010UF J	
C257,258			CE04DW1E470M	ELECTRO 47UF 25WV	
C259,260			CC45FSL1H100D	CERAMIC 10PF D	

E1 : Europe **J1** : Japan **K** : North America
M1 : Other Areas

⚠ indicates safety critical components.

PARTS LIST

✻ New Parts
Parts without **Part No.** are not supplied.

Ref. No.	Add	New	Parts No.	Description				Destination
C261,262		✻	CK45FB1H121K	CERAMIC	120PF	K		
C263,264			CE04DW1V100M	ELECTRO	10UF	35WV		
C265,266			CF92FV1H102J	MF-C	1000PF	J		
C267-270			CC45FSL1H470J	CERAMIC	47PF	J		
C291,292			CF92FV1H473J	MF-C	0.047UF	J		
C301,302			CC73GCH1H101J	CHIP C	100PF	J		
C303,304			CF92FV1H224J	MF-C	0.22UF	J		
C305,306			CE04DW1H2R2M	ELECTRO	2.2UF	50WV		
C307,308			CE04DW1C100M	ELECTRO	10UF	16WV		
CN1			E40-3246-05	PIN ASSY				
E2 ,3			E23-0149-05	TERMINAL				
J1	2A	✻	E63-0874-05	PIN JACK				
J2	2A	✻	E58-0919-05	RECTANGULAR RECEPTACLE				
⚠ J3	1B	✻	E70-0833-05	SCREW TERMINAL BOARD				
TP1 ,2			E40-3640-05	PIN ASSY				
WH1		✻	E39-0408-05	WIRING HARNESS				
E1			J19-4316-05	HOLDER				
L1			L33-1015-05	CHOKE COIL				
L2		✻	L19-0701-05	TRANSFORMER FOR CONVERTER				
F	2B		N80-3010-45	PAN HEAD TAPTITE SCREW				
R1 -4			RK73GB1J332J	CHIP R	3.3K	J	1/16W	
R5			RK73GB1J512J	CHIP R	5.1K	J	1/16W	
R6			RK73GB1J303J	CHIP R	30K	J	1/16W	
R7			RK73GB1J512J	CHIP R	5.1K	J	1/16W	
R8			RD14BB2C682J	RD	6.8K	J	1/6W	
R9			RK73GB1J154J	CHIP R	150K	J	1/16W	
R10			RD14BB2C182J	RD	1.8K	J	1/6W	
R11			RK73GB1J333J	CHIP R	33K	J	1/16W	
R12			RK73GB1J562J	CHIP R	5.6K	J	1/16W	
R13			RD14BB2C223J	RD	22K	J	1/6W	
R14			RK73GB1J472J	CHIP R	4.7K	J	1/16W	
R15			RK73GB1J681J	CHIP R	680	J	1/16W	
R16			RK73GB1J163J	CHIP R	16K	J	1/16W	
R17			RK73GB1J103J	CHIP R	10K	J	1/16W	
R18			RK73GB1J753J	CHIP R	75K	J	1/16W	
R19			RK73GB1J104J	CHIP R	100K	J	1/16W	
R20			RK73GB1J684J	CHIP R	680K	J	1/16W	
R21			RK73GB1J103J	CHIP R	10K	J	1/16W	
R22 ,23			RK73GB1J303J	CHIP R	30K	J	1/16W	
R24 ,25			RD14BB2C681J	RD	680	J	1/6W	
R26 ,27			RD14BB2C223J	RD	22K	J	1/6W	
R28			RD14BB2C473J	RD	47K	J	1/6W	
R29			RK73GB1J103J	CHIP R	10K	J	1/16W	
R30			RD14BB2C560J	RD	56	J	1/6W	
R31 ,32			RD14BB2C152J	RD	1.5K	J	1/6W	
R33 ,34			RD14BB2C220J	RD	22	J	1/6W	
R35 ,36			RD14BB2C151J	RD	150	J	1/6W	
R37 ,38			RD14BB2C472J	RD	4.7K	J	1/6W	
R39 ,40			RD14DB2H100J	SMALL-RD	10	J	1/2W	
R41 ,42			RD14DB2H330J	SMALL-RD	33	J	1/2W	
R43 ,44			RD14BB2C392J	RD	3.9K	J	1/6W	
R47			RK73GB1J473J	CHIP R	47K	J	1/16W	

Ref. No.	Add	New	Parts No.	Description				Destination
R48			RK73GB1J103J	CHIP R	10K	J	1/16W	
R49			RK73GB1J223J	CHIP R	22K	J	1/16W	
R51 -54			RD14BB2C681J	RD	680	J	1/6W	
R55 -58			RD14BB2C102J	RD	1.0K	J	1/6W	
R59 ,60			RK73GB1J332J	CHIP R	3.3K	J	1/16W	
R61 -64			RD14BB2C681J	RD	680	J	1/6W	
R65 -68			RD14BB2C102J	RD	1.0K	J	1/6W	
R69 ,70			RK73GB1J332J	CHIP R	3.3K	J	1/16W	
R71 -74			RD14BB2C473J	RD	47K	J	1/6W	
R75			RD14BB2C562J	RD	5.6K	J	1/6W	
R100			RD14BB2C102J	RD	1.0K	J	1/6W	
R101,102			RK73EB2B102J	CHIP R	1.0K	J	1/8W	
R103-108			RK73GB1J103J	CHIP R	10K	J	1/16W	
R109-112			RK73FB2A103J	CHIP R	10K	J	1/10W	
R113-116			RK73GB1J823J	CHIP R	82K	J	1/16W	
R117-120			RK73EB2B513J	CHIP R	51K	J	1/8W	
R121,122			RD14BB2C222J	RD	2.2K	J	1/6W	
R123-126			RK73FB2A103J	CHIP R	10K	J	1/10W	
R127,128			RK73GB1J223J	CHIP R	22K	J	1/16W	
R129-134			RK73GB1J103J	CHIP R	10K	J	1/16W	
R135,136			RK73GB1J302J	CHIP R	3.0K	J	1/16W	
R137,138			RK73GB1J222J	CHIP R	2.2K	J	1/16W	
R139,140			RK73GB1J103J	CHIP R	10K	J	1/16W	
R141,142			RK73GB1J163J	CHIP R	16K	J	1/16W	
R143-146			RK73GB1J223J	CHIP R	22K	J	1/16W	
R148			RK73GB1J153J	CHIP R	15K	J	1/16W	
R149,150			RK73GB1J471J	CHIP R	470	J	1/16W	
R151,152			RK73GB1J302J	CHIP R	3.0K	J	1/16W	
R153,154			RK73GB1J433J	CHIP R	43K	J	1/16W	
R155,156			RD14BB2C822J	RD	8.2K	J	1/6W	
R157-160			RD14BB2C821J	RD	820	J	1/6W	
R161,162			RD14BB2C101J	RD	100	J	1/6W	
R163,164			RD14BB2C102J	RD	1.0K	J	1/6W	
R165,166			RD14BB2C433J	RD	43K	J	1/6W	
R167,168			RD14BB2C820J	RD	82	J	1/6W	
R169-172			RD14BB2C272J	RD	2.7K	J	1/6W	
R173,174			RD14BB2C431J	RD	430	J	1/6W	
R175,176			RD14BB2C152J	RD	1.5K	J	1/6W	
R177-180			RD14NB2E101J	RD	100	J	1/4W	
R181,182			RD14NB2E221J	RD	220	J	1/4W	
R183-186			RD14NB2E4R7J	RD	4.7	J	1/4W	
R187-190			R92-0205-05	METAL-PLATE	0.1	K	2W	
R191,192			RD14DB2H100J	SMALL-RD	10	J	1/2W	
R194-196			RK73GB1J222J	CHIP R	2.2K	J	1/16W	
R197			RK73EB2B301J	CHIP R	300	J	1/8W	
R198			RK73GB1J153J	CHIP R	15K	J	1/16W	
R200			RD14BB2C102J	RD	1.0K	J	1/6W	
R201,202			RK73EB2B102J	CHIP R	1.0K	J	1/8W	
R203-208			RK73GB1J103J	CHIP R	10K	J	1/16W	
R209-212			RK73FB2A103J	CHIP R	10K	J	1/10W	
R213-216			RK73GB1J823J	CHIP R	82K	J	1/16W	
R217-220			RK73EB2B513J	CHIP R	51K	J	1/8W	
R221,222			RD14BB2C222J	RD	2.2K	J	1/6W	
R223-226			RK73FB2A103J	CHIP R	10K	J	1/10W	
R227,228			RK73GB1J223J	CHIP R	22K	J	1/16W	

E1 : Europe **J1** : Japan **K** : North America
M1 : Other Areas

⚠ indicates safety critical components.

PARTS LIST

✻ New Parts
Parts without **Part No.** are not supplied.

Ref. No.	Add	New	Parts No.	Description			Destination
R229-234			RK73GB1J103J	CHIP R	10K	J 1/16W	
R235,236			RK73GB1J302J	CHIP R	3.0K	J 1/16W	
R237,238			RK73GB1J222J	CHIP R	2.2K	J 1/16W	
R239,240			RK73GB1J103J	CHIP R	10K	J 1/16W	
R241,242			RK73GB1J163J	CHIP R	16K	J 1/16W	
R243-246			RK73GB1J223J	CHIP R	22K	J 1/16W	
R248			RK73GB1J153J	CHIP R	15K	J 1/16W	
R249,250			RK73GB1J471J	CHIP R	470	J 1/16W	
R251,252			RK73GB1J302J	CHIP R	3.0K	J 1/16W	
R253,254			RK73GB1J433J	CHIP R	43K	J 1/16W	
R255,256			RD14BB2C822J	RD	8.2K	J 1/6W	
R257-260			RD14BB2C821J	RD	820	J 1/6W	
R261,262			RD14BB2C101J	RD	100	J 1/6W	
R263,264			RD14BB2C102J	RD	1.0K	J 1/6W	
R265,266			RD14BB2C433J	RD	43K	J 1/6W	
R267,268			RD14BB2C820J	RD	82	J 1/6W	
R269-272			RD14BB2C272J	RD	2.7K	J 1/6W	
R273,274			RD14BB2C431J	RD	430	J 1/6W	
R275,276			RD14BB2C152J	RD	1.5K	J 1/6W	
R277-280			RD14NB2E101J	RD	100	J 1/4W	
R281,282			RD14NB2E221J	RD	220	J 1/4W	
R283-286			RD14NB2E4R7J	RD	4.7	J 1/4W	
R287-290			R92-0205-05	METAL-PLATE	0.1	K 2W	
R291,292			RD14DB2H100J	SMALL-RD	10	J 1/2W	
R294-296			RK73GB1J222J	CHIP R	2.2K	J 1/16W	
R297			RK73EB2B301J	CHIP R	300	J 1/8W	
R298			RK73GB1J153J	CHIP R	15K	J 1/16W	
R301-306			RK73GB1J432J	CHIP R	4.3K	J 1/16W	
R307,308			RK73GB1J243J	CHIP R	24K	J 1/16W	
R309,310			RK73GB1J301J	CHIP R	300	J 1/16W	
R311,312			RK73GB1J362J	CHIP R	3.6K	J 1/16W	
R313,314			RK73GB1J112J	CHIP R	1.1K	J 1/16W	
R315,316			RK73GB1J432J	CHIP R	4.3K	J 1/16W	
R317,318			RK73GB1J104J	CHIP R	100K	J 1/16W	
R319,320			RK73GB1J223J	CHIP R	22K	J 1/16W	
R401-440			RD14BB2E221J	RD	220	J 1/4W	
VR1 ,2			R31-0215-05	VARIABLE RESISTOR			
VR3 ,4		✻	R31-0232-05	VARIABLE RESISTOR			
VR5 -8			R32-0030-05	SEMI FIXED VARIABLE RESISTOR			
W351-395			R92-1252-05	CHIP R	0 OHM		
S1 ,2			S62-0842-05	SLIDE SWITCH			
S3 ,4			S31-2630-05	SLIDE SWITCH			
S5 ,6			S62-0842-05	SLIDE SWITCH			
D1			1N5406-M	DIODE			
D2			RD7.5JS(B)	ZENER DIODE			
D3			RD16JS(B)	ZENER DIODE			
D4 ,5			1SS133	DIODE			
D6			RD5.1JS(B)	ZENER DIODE			
D7			RD10JS(B)	ZENER DIODE			
D8 -12			1SS133	DIODE			
D14 ,15			1SS133	DIODE			
D16			FML22S✻A	DIODE			
D17			FML22R✻A	DIODE			

Ref. No.	Add	New	Parts No.	Description	Destination
D18 ,19			RD16JS(B)	ZENER DIODE	
D20 -40			1SS133	DIODE	
D42 ,43			MA3056WA	ZENER DIODE	
D101-104			1SS133	DIODE	
D201-204			1SS133	DIODE	
IC1 -5			NJM2058M	IC(OP AMP)	
IC6			NJM4565M	ANALOGUE IC	
IC7			NJM2058M	IC(OP AMP)	
IC8			UPC494GS	ANALOGUE IC	
Q1 ,2			2SC2412K	TRANSISTOR	
Q3			2SA817A	TRANSISTOR	
Q4			2SA1037K	TRANSISTOR	
Q5			2SC2412K	TRANSISTOR	
Q6			2SC945(A)(Q,P)	TRANSISTOR	
Q7			2SC3940A(R,S)	TRANSISTOR	
Q9 ,10			2SC945(A)(Q,P)	TRANSISTOR	
Q11 ,12			2SA733(A)(Q,P)	TRANSISTOR	
Q13 -16			FKV550T*B	FET	
Q17			2SD2396	TRANSISTOR	
Q18			2SB1565	TRANSISTOR	
Q21 ,22			2SA733(A)(Q,P)	TRANSISTOR	
Q24			2SC1627A	TRANSISTOR	
Q25 ,26			2SC945(A)(Q,P)	TRANSISTOR	
Q27 ,28			2SC1845(F,E)	TRANSISTOR	
Q29 ,30			2SA992(F,E)	TRANSISTOR	
Q31 ,32			2SC945(A)(Q,P)	TRANSISTOR	
Q33 ,34			2SC1845(F,E)	TRANSISTOR	
Q35 ,36			2SA992(F,E)	TRANSISTOR	
Q101-104			2SA733(A)(Q,P)	TRANSISTOR	
Q105-108			2SC1845(F,E)	TRANSISTOR	
Q109,110			2SC4137(V,W)	TRANSISTOR	
Q111,112			2SC1627A	TRANSISTOR	
Q11s,114			2SA817A	TRANSISTOR	
Q115,116			2SC5101LB✻5	TRANSISTOR	
Q117,118			2SA1909LB✻5	TRANSISTOR	
Q201-204			2SA733(A)(Q,P)	TRANSISTOR	
Q205-208			2SC1845(F,E)	TRANSISTOR	
Q209,210			2SC4137(V,W)	TRANSISTOR	
Q211,212			2SC1627A	TRANSISTOR	
Q213,214			2SA817A	TRANSISTOR	
Q215,216			2SC5101LB✻5	TRANSISTOR	
Q217,218			2SA1909LB✻5	TRANSISTOR	
TH1			PTH9L04BD222TS	POSITIVE RESISTOR	
TH2			PTH9M04BD222T	POSITIVE RESISTOR	

E1 : Europe **J1** : Japan **K** : North America
M1 : Other Areas

⚠ indicates safety critical components.