

PARTS LIST

SAFETY PRECAUTION

Parts identified by the $\triangle$ symbol are critical for safety. Replace only with specified part numbers.

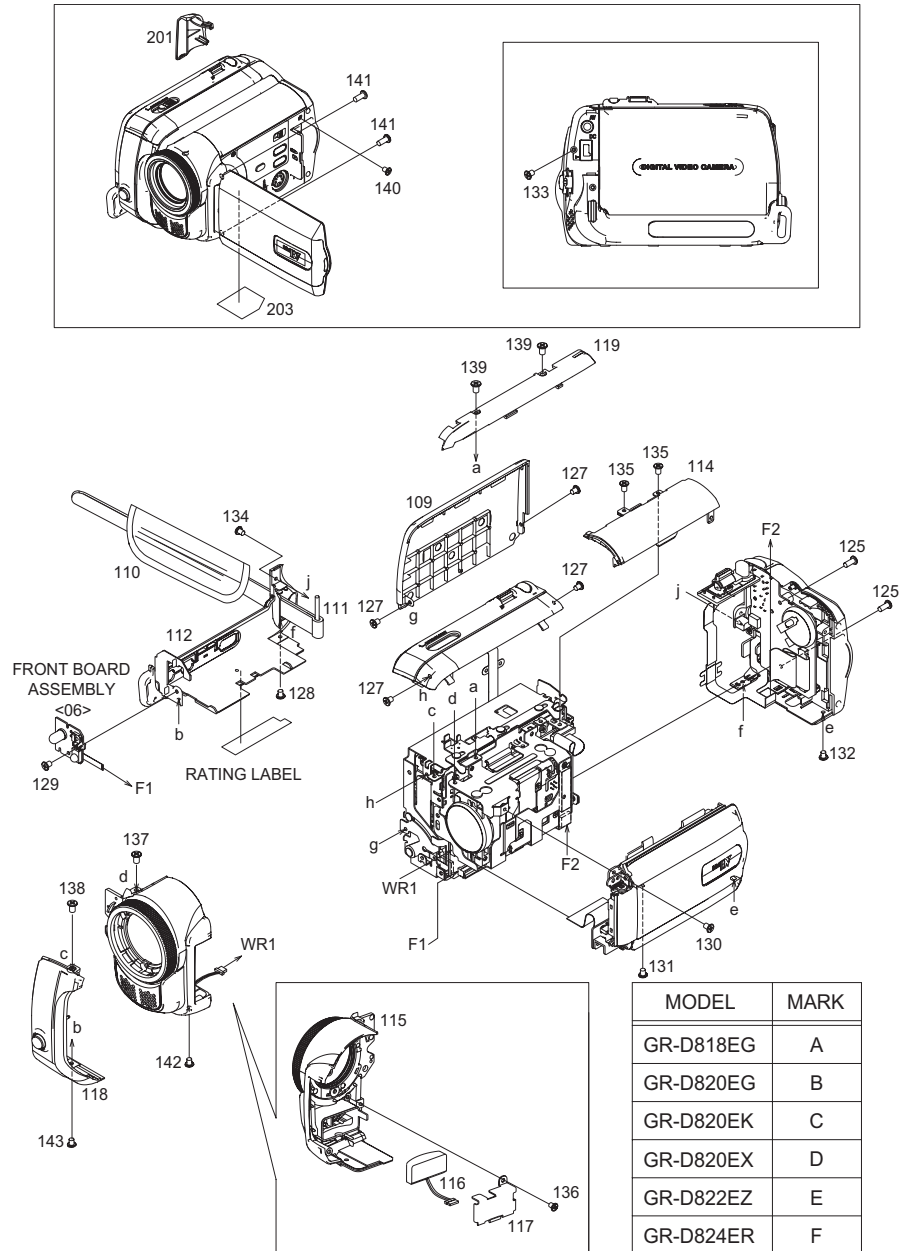
BEWARE OF BOGUS PARTS

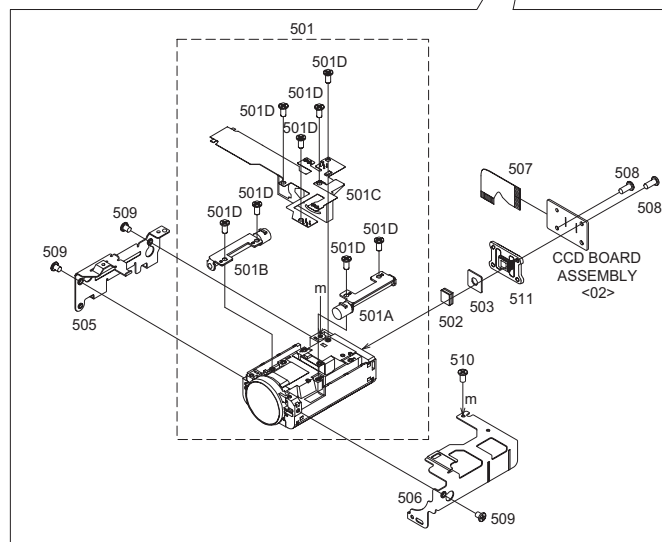
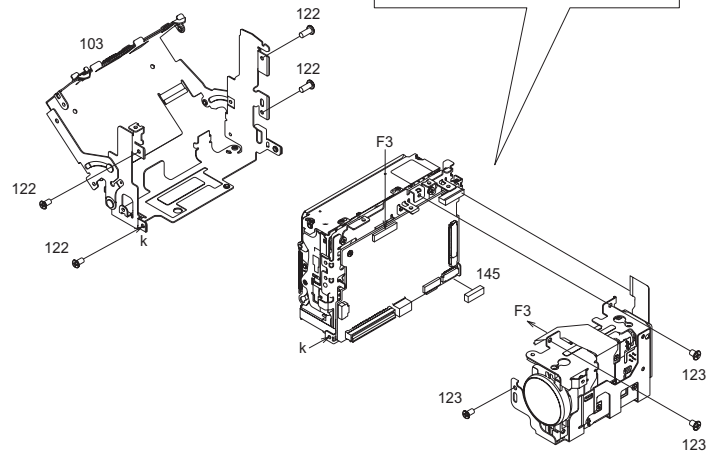
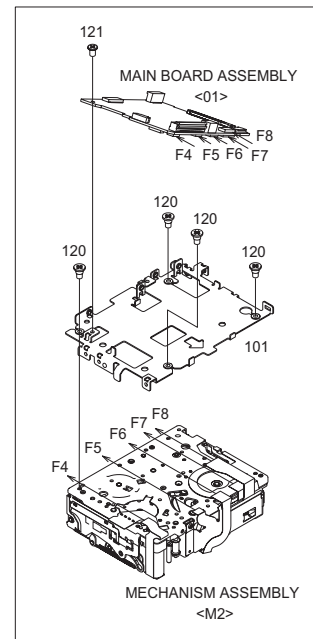
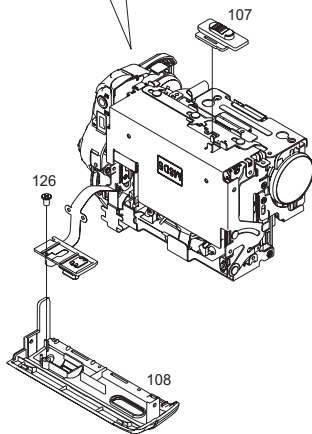
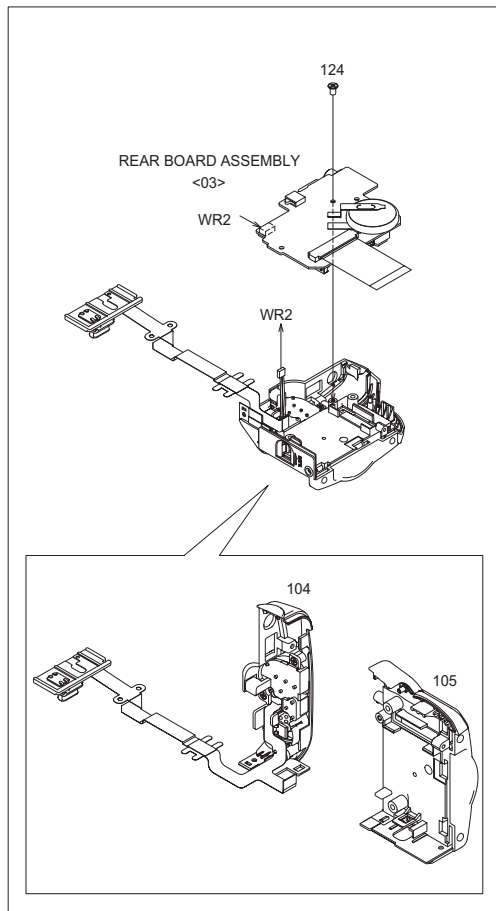
Parts that do not meet specifications may cause trouble in regard to safety and performance. We recommend that genuine JVC parts be used.

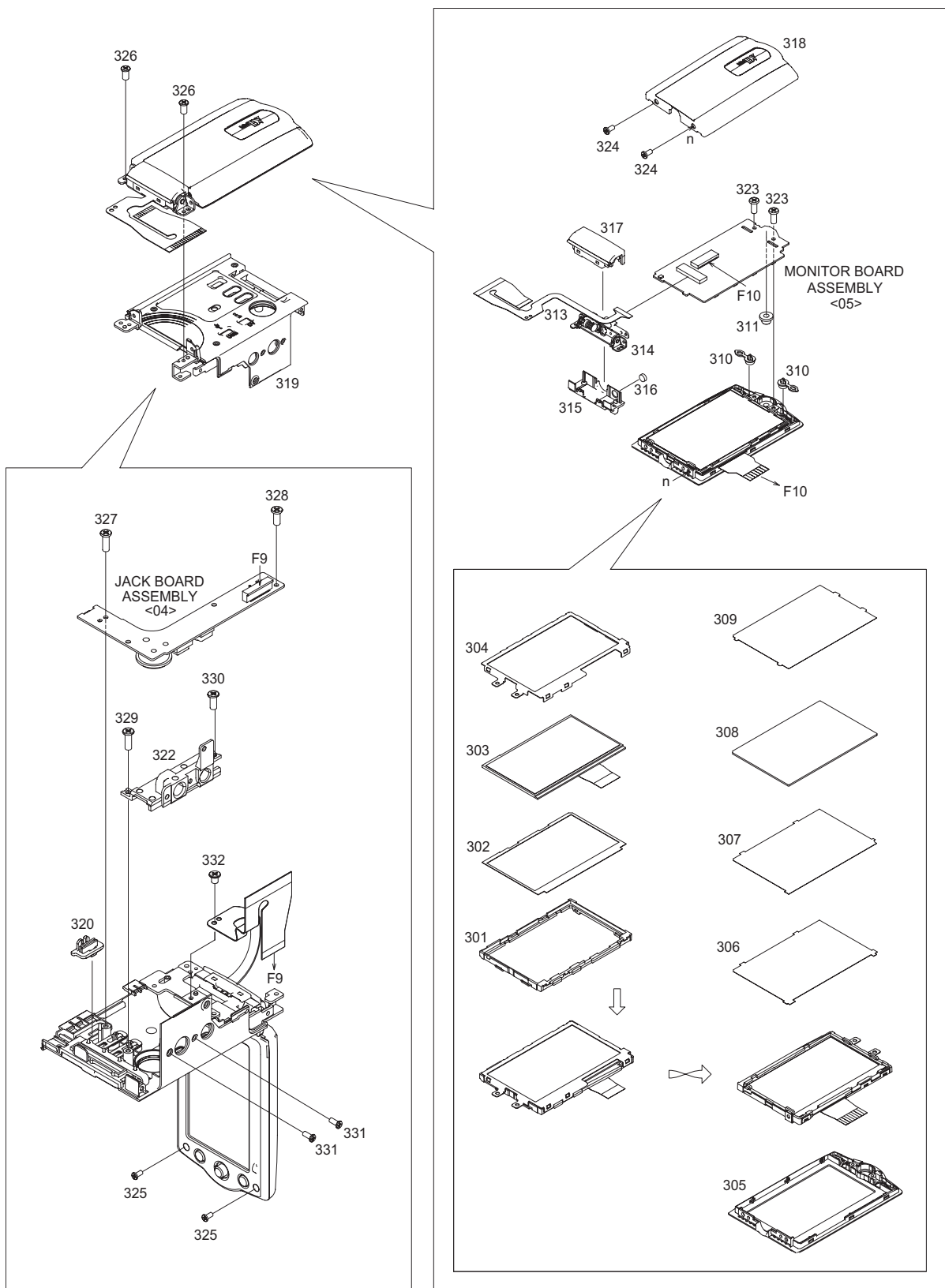
1. EXPLODED VIEW

1.1 FINAL ASSEMBLY<M1>

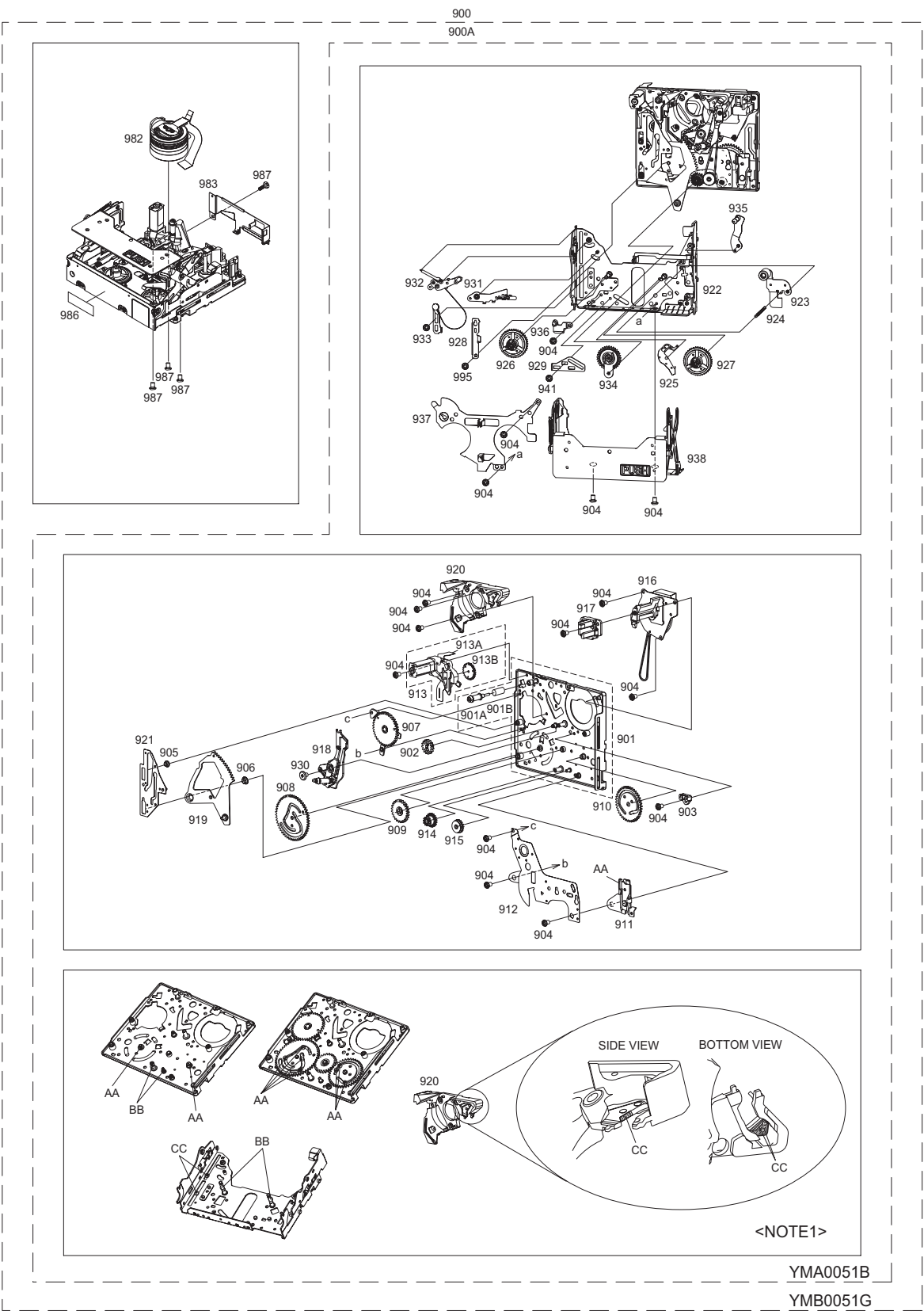
The instruction manual to be provided with this product will differ according to the destination.







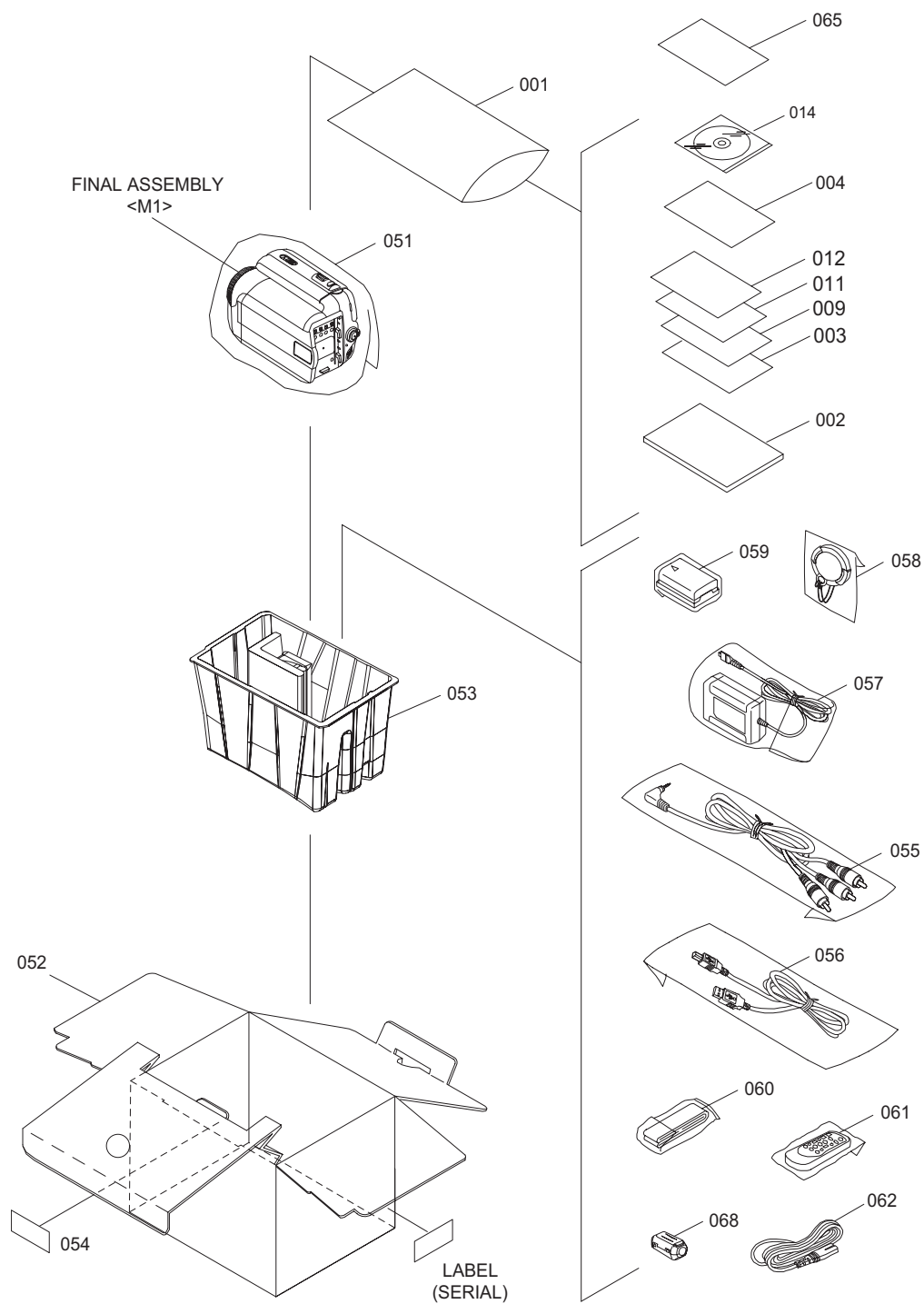
1.2 MECHANISM ASSEMBLY <M2>



Classification	Part No.	Symbol in drawing
Grease	KYODO-SH-JB	AA
Oil	YTU94027	BB
Grease	JVS-306U	CC

NOTE1: The section marked in AA, BB and CC indicate lubrication and greasing areas.

1.3 PACKING AND ACCESSORY ASSEMBLY <M5>



MODEL	MARK	MODEL	MARK	MODEL	MARK	MODEL	MARK
GR-D818EG	A	GR-D820EX	D	GR-D824EZ	G	GR-D860EX	K
GR-D820EG	B	GR-D822EZ	E	GR-D860EK	H	GR-D860EZ	M
GR-D820EK	C	GR-D824ER	F	GR-D860ER	J		

2. PARTS LIST

FINAL ASSEMBLY <M1>

△ Symbol No.	Part No.	Part Name	Description	Local
101	LY36001-001C	FRAME ASSY		
103	LY21716-001D	ARM ASSY		
104	LY21724-001E	L.CASE(P) UNIT		
△ 105	LY36012-001C	REAR COVER ASSY		
107	LY36004-001A	KNOB (EJECT)		
108	LY36003-002D	C.COVER (TOP)	AB,C,D,E,F,G	
108	LY36003-001D	C.COVER (TOP)	H,J,K,M	
109	LY21721-001C	C.COVER (SIDE)		
110	LY21538-004A	GRIP BELT		
111	LY44829-001B	SHAFT(G.BELT)		
112	LY36031-001B	LOWER CASE ASSY		
114	LY36122-001C	T. COVER ASSY		
115	LY36121-001D	F.COVER ASSY		
116	LY45514-001A	MICROPHONE	SZ.HORN	
117	LY36009-001B	PLATE(MIC)		
118	LY36127-002B	L.CASE(FRO)ASSY	AB,C,D,E	
118	LY36127-001B	L.CASE(FRO)ASSY	F,G,H,J,K,M	
119	LY36010-001C	COVER(LAST)		
120	LY30032-002A	SPECIAL SCREW	FRM-MECHA(x4)	
121	LY30031-0H5A	SPECIAL SCREW	M.PWB-FRM	
122	LY30031-0H5A	SPECIAL SCREW	FRM-ARML(x4)	
123	LY30031-0H5A	SPECIAL SCREW	BKT.OP-FRM(x3)	
124	LY30031-008A	SPECIAL SCREW	R.PWB-REAR	
125	LY30031-081A	SPECIAL SCREW	R.COVER(x2)	
126	LY30031-003A	SPECIAL SCREW	ZOOM UNIT	
127	LY30031-0H5A	SPECIAL SCREW	CASS.COVER(x4)	
128	LY30031-081A	SPECIAL SCREW	LOWER-ARML	
129	LY30031-0D4A	SPECIAL SCREW	FRONT PWB	
130	LY30031-0D4A	SPECIAL SCREW	BKT.HINGE	
131	LY30031-081A	SPECIAL SCREW	UPPER-ARML	
132	LY30031-008A	SPECIAL SCREW	REAR-UPPER	
133	LY30031-008A	SPECIAL SCREW	LCASE-REAR	
134	LY30031-008A	SPECIAL SCREW	LOWER-LCAS	
135	LY30031-081A	SPECIAL SCREW	TOP-FRM(x2)	
136	LY30031-003A	SPECIAL SCREW	PLATE MIC	
137	LY30031-0H5A	SPECIAL SCREW	FRONT-B.OP	
138	LY30031-0H5A	SPECIAL SCREW	L.FRO-ARML	
139	LY30031-0H5A	SPECIAL SCREW	COVER LAST(x2)	
140	LY30031-008A	SPECIAL SCREW	UPPER-REAR	
141	LY30031-008A	SPECIAL SCREW	UPPER-FRON(x2)	
142	LY30031-081A	SPECIAL SCREW	FRO-B.HING	
143	LY30031-0H5A	SPECIAL SCREW	L.FRO-ARML	
145	LY30035-0E1A	SPACER(A)	PWR CON	
201	LY36016-001B	COVER(JACK)		
203	LY36018-001B	COVER(JIG)		
301	LY21725-001A	LCD CASE		
302	LY36124-001A	SHEET (COVER)		
303	QLD0538-001	LCD MODULE		
304	LY21726-001A	S.CASE(MONI)		
305	LY21727-003C	MONITOR CASE	AB,C,D,E	
305	LY21727-002C	MONITOR CASE	F,G	
305	LY21727-001C	MONITOR CASE	H,J,K,M	
306	LY35478-001A	SHEET(BEF)1		
307	LY35480-001A	SHEET(M/DIFF)		
308	LY35482-001A	LIGHT GUIDE		
309	LY35481-001A	SHEET(M.REF)		
310	LY21555-002A	BUTTON(MONI)	(x2)	
311	LY21564-002A	KNOB(CURSL)		
313	QAL1046-001	FPC		
314	LY21775-001C	HINGE UNIT		
315	LY36019-001A	H.COVER(L)		
316	LY45427-001A	P.C.MAGNET		
317	LY36020-002A	H.COVER(U)		
318	LY36105-010B	M.COVER ASSY	A,B	
318	LY36105-005B	M.COVER ASSY	C,D,E,G	
318	LY36105-011B	M.COVER ASSY	F	
318	LY36105-004B	M.COVER ASSY	H,K,M	
318	LY36105-012B	M.COVER ASSY	J	
△ 319	LY36024-002B	U.CASE ASSY	AB,C,D,E,F,G	
△ 319	LY36024-003B	U.CASE ASSY	H,J,K,M	
320	LY36027-001A	KNOB(SLIDE)	H,J,K,M	
322	LY36011-001A	TRIPOD(BASE)		
323	LY30031-003A	SPECIAL SCREW	MONI.PWB(x2)	
324	LY30031-0D4A	SPECIAL SCREW	M.COV-HING(x2)	

△ Symbol No.	Part No.	Part Name	Description	Local
325	LY30031-008A	SPECIAL SCREW	M.COV-M.CA(x2)	
326	LY30031-081A	SPECIAL SCREW	M-BKT.HING(x2)	
327	LY30031-008A	SPECIAL SCREW	J.PWB-UPPE	
328	LY30031-081A	SPECIAL SCREW	J.PWB-B.HI	
329	LY30031-008A	SPECIAL SCREW	TRI-UPPER	
330	LY30031-081A	SPECIAL SCREW	TRI-B.HING	
331	LY30031-081A	SPECIAL SCREW	UPPER-TRI(x2)	
332	LY30031-0H5A	SPECIAL SCREW	MONI.FPC	
501	LY36126-001B	OP BLOCK ASSY		
501A	PTY36126-101	MOTOR UNIT	FOCUS	
501B	PTY36126-101	MOTOR UNIT	ZOOM	
501C	PTY36126-106	AUTO IRIS UNIT		
501D	PTY36126-530	SCREW	(x8)	
502	LY45275-001A	OPTICAL LPF		
503	LY45175-001A	SHEET		
505	LY36109-001A	BKT OP(2) ASSY		
506	LY36110-001A	BKT OP(1) ASSY		
507	QAL1048-001	FPC	CCD FPC	
508	LY30031-0J7A	SPECIAL SCREW	(x2)	
509	LY30032-029A	SPECIAL SCREW	(x3)	
510	LY30031-0H5A	SPECIAL SCREW		
511	LY45541-002A	CCD BASE ASSY		

MECHANISM ASSEMBLY <M2>

△ Symbol No.	Part No.	Part Name	Description	Local
900	YMB0051G	MECHA(B)ASSY		
900A	YMA0051B	MECHA(A)ASSY		
901	LY10525-001N	MAIN DECK ASSY		
901A	LY34314-001A	G.ROLLER(S)ASSY		
901B	LY44734-001B	COMP.SPRING		
902	LY34335-001B	LOADING GEAR 1		
903	LY34338-001A	BELT GUIDE		
904	LY34229-001A	MINI SCREW	(x16)	
905	LY44973-001B	SLIDE COLLAR 1		
906	LY44974-001B	SLIDE COLLAR 2		
907	QSW1116-002	ROTARY ENCODER		
908	LY21263-001B	MAIN CAM		
909	LY34319-001A	CONNECT GEAR		
910	LY34320-001A	SUB CAM		
911	LY34321-001E	PRESS ARM ASSY		
912	LY21264-001D	GEAR COVER		
913	LY34315-005C	M.BRACKET ASSY		
913A	LY34676-004A	MOTOR FPC ASSY		
913B	LY34318-001A	WORM WHEEL		
914	LY34337-001A	CENTER GEAR		
915	LY34336-001A	REEL PULLEY		
916	QAR0338-002	CAPSTAN MOTOR		
917	LY21270-001D	T5 CATCHER		
918	LY21266-001H	GUIDE RAIL ASSY		
919	LY34325-001D	DRIVE ARM ASSY		
920	LY10530-001E	DRUM BASE		
921	LY34326-001G	T.C.PLATE ASSY		
922	LY21271-014A	SLIDE DECK ASSY		
923	LY34345-001B	P.R.ARM ASSY		
924	LY44764-001B	TEN.SPRING(P.R)		
925	LY34348-001C	BRAKE PLATE		
926	LY34349-001G	REEL DISK ASSY		
927	LY34349-002C	REEL DISK ASSY		
928	LY34342-001B	GUIDE PLATE		
929	LY34340-001C	SLIDE GUIDE PLT		
930	LY34229-005A	MINI SCREW		
931	LY34358-001L	S1 ARM ASSY		
932	LY21273-001M	T.ARM ASSY		
933	LY43675-007A	MINI SCREW		
934	LY34355-001D	IDLER ARM ASSY		
935	LY34343-001D	T5 ARM ASSY		
936	LY34341-001B	CASSETTE GUIDE		
937	LY34365-001G	REEL COVER ASSY		
938	LY10531-001R	HOUSING ASSY		
941	LY34229-010A	MINI SCREW		
982	YDV2104P-CX	DRUM ASSY		
983	LY10599-001A	PROTECTOR		

MODEL	MARK	MODEL	MARK	MODEL	MARK	MODEL	MARK
GR-D818EG	A	GR-D820EX	D	GR-D824EZ	G	GR-D860EX	K
GR-D820EG	B	GR-D822EZ	E	GR-D860EK	H	GR-D860EZ	M
GR-D820EK	C	GR-D824ER	F	GR-D860ER	J		

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
986	LY44890-001A	LABEL(HOUSING)			IC1701	BA10358FVM-W	IC	REELAMP5V	
987	LY34229-006A	MINI SCREW	(x4)		IC1701 or	BA2904FVM-W	IC	REELAMP5V	
995	LY34229-010A	MINI SCREW			IC1702	NJM2407R-W	IC	REELSMT	
					IC2201	AK4669EN-W	IC	36P	

PACKING AND ACCESSORY ASSEMBLY <M5>

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
001	LY34452-001B	POLY BAG			IC3001	JCY0235	IC		
△ 002	LYT1865-001A	INST BOOK(GE)	(GERMAN)	A	△ IC6001	FA7760AF	IC		
△ 002	LYT1812-001A	INST BOOK(GE)	(GERMAN)	B	IC6701	S-1112B31MC-W	IC	H,J,K,M	
△ 002	LYT1814-001A	INST BOOK(EN)	(ENGLISH)	C,H	IC8001	TMS320DSC24GHKL	IC	DSC24	H,J,K,M
△ 002	LYT1814-002B	INST BOOK(GE.DU)	(GERMAN DUTCH)	D,K	IC8002	K4S641632K-UC75	IC	H,J,K,M	
△ 002	LYT1814-003B	INST BOOK(FR.IT)	(FRENCH ITALIAN)	D,K	IC8003	MR27T1602F304LA	IC(MICRO C ROM)	MP	H,J,K,M
△ 002	LYT1814-004B	INST BOOK(SP.PT)	(SPANISH PORTUGUESE)	D,K	IC8003 or	SG32A90BFIR4C51	IC(MICRO C ROM)	AP	H,J,K,M
△ 002	LYT1851-004A	INST BOOK(DA.FI)	(DANISH FINN)	E	IC8003 or	SG32A90BFIR4C47	IC(MICRO C ROM)	ES	H,J,K,M
△ 002	LYT1851-005A	INST BOOK(SW.NO)	(SWEDISH NORWEGIAN)	E	Q1001	DTA114EE-X	DIGI TRANSISTOR		
△ 002	LYT1851-006A	INST BOOK(CZ.HU)	(CZECH HUNGARIAN)	E	Q1001 or	UN9111J-X	DIGI TRANSISTOR		
△ 002	LYT1851-007A	INST BOOK(PO)	(POLISH)	E	Q1001 or	RT1P141U-X	DIGI TRANSISTOR		
△ 002	LYT1823-001A	INST BOOK(RU.UK)	(RUSSIAN UKRAINIAN)	F	Q1001 or	KRA302E-X	DIGI TRANSISTOR		
△ 002	LYT1821-001A	INST BOOK(DA.FI)	(DANISH FINN)	G	Q1002	DTA143XE-X	DIGI TRANSISTOR		
△ 002	LYT1821-002A	INST BOOK(SW.NO)	(SWEDISH NORWEGIAN)	G	Q1002 or	UN9111FJ-X	DIGI TRANSISTOR		
△ 002	LYT1821-003A	INST BOOK(CZ.HU.PO)	(CZECH HUNGARIAN POLISH)	G	Q1003	DTA143XE-X	DIGI TRANSISTOR		
△ 002	LYT1813-001A	INST BOOK(RU.UK)	(RUSSIAN UKRAINIAN)	J	Q1003 or	UN9111FJ-X	DIGI TRANSISTOR		
△ 002	LYT1814-007A	INST BOOK(CZ.HU)	(CZECH HUNGARIAN)	M	Q1005	DTC143XE-X	DIGI TRANSISTOR		
△ 002	LYT1814-008A	INST BOOK(PO)	(POLISH)	M	Q1005 or	UN921FJ-X	DIGI TRANSISTOR		
△ 002	LYT1814-005A	INST BOOK(DA.FI)	(DANISH FINN)	M	Q1005 or	RT1N432U-X	DIGI TRANSISTOR		
△ 002	LYT1814-006A	INST BOOK(SW.NO)	(SWEDISH NORWEGIAN)	M	Q1005 or	KRC419E-X	DIGI TRANSISTOR		
003	LYT1804-007A	INST BOOK(SOFT.EN)	(SOFT.ENGLISH)	H	Q1006	2SC4617/QR/-X	TRANSISTOR		
003	LYT1804-012A	INST BOOK(SOFT.RU.UK)	(SOFT.RUSSIAN UKRAINIAN)	J	Q1006 or	2SD2216J/QR/-X	TRANSISTOR		
003	LYT1804-005A	INST BOOK(SOFT.EXLANG)	(SOFT.EXLANG)	K	Q1006 or	2SC5383/E/-X	TRANSISTOR		
003	LYT1804-006A	INST BOOK(SOFT.EZLANG)	(SOFT.EZLANG)	M	Q1007	DTC124EE-X	DIGI TRANSISTOR		
004	LY36165-002A	SHEET ACC.GUIDE	A,B,C,D,H,K		Q1007 or	UN9212J-X	DIGI TRANSISTOR		
004	LY36165-003A	SHEET ACC.GUIDE	E,F,G,J,M		Q1007 or	RT1N241U-X	DIGI TRANSISTOR		
009	YU30878	REGI. CARD	C,H		Q1007 or	KRC403E-X	DIGI TRANSISTOR		
011	LYT0194-001B	Q.CARD	C,H		Q1601	XP03311-W	DIGI TRANSISTOR		
012	LY35208-001A	SHEET(E-SHOP)	C,H		Q1601 or	UMC3N-W	DIGI TRANSISTOR		
014	LY35273-029A-S	CD ROM ASSY	H,J,K,M		Q2401	2SC4617/QR/-X	TRANSISTOR		
051	LY30023-003A	POLY BAG			Q2401 or	2SC5383/E/-X	TRANSISTOR		
052	LY36157-018A	PACKING CASE	PRODUCTION A		Q2401 or	2SD2216J/QR/-X	TRANSISTOR		
052	LY36157-012A	PACKING CASE	PRODUCTION B,C,D		Q2403	2SC4617/QR/-X	TRANSISTOR		
052	LY36157-019A	PACKING CASE	PRODUCTION E		Q2403 or	2SC5383/E/-X	TRANSISTOR		
052	LY36157-021A	PACKING CASE	PRODUCTION F,G		Q2403 or	2SD2216J/QR/-X	TRANSISTOR		
052	LY36157-007A	PACKING CASE	PRODUCTION H,J,K,M		Q3701	UMT1N-W	PAIR TRANSISTOR	UMT1N-W	
053	LY36156-001C	CUSHION			Q3701 or	XP4401-W	TRANSISTOR		
054	-----	LABEL			Q3701 or	BC856S-X	PAIR TRANSISTOR		
055	QAM0508-001	A/V CABLE			Q3701 or	PUMT1-W	PAIR TRANSISTOR		
056	QAM0719-001	USB CABLE	USB H,J,K,M		Q6301	US5U29-W	MOS FET		
△ 057	LY21527-001A	AC ADAPTER	AP-V19E A,B,D,E,F,G,J,K,M		Q6401	US5U29-W	MOS FET		
△ 057	LY21104-001F	AC ADAPTER	AP-V14E C,H		Q6505	2SA1774/QR/-X	TRANSISTOR		
058	LY34811-001C	HOOD CAP ASSY			Q6505 or	2SB1462J/QR/-X	TRANSISTOR		
△ 059	LY35320-002C	BATTERY PACK	BN-VF808US		Q6505 or	2SA1989/QR/-X	TRANSISTOR		
060	LY21397-002A	SHOULDER STRAP			Q6701	RSR025P03-X	MOS FET		
061	LY21503-002A	REMOTE CTL UNIT	RM-V740US E,H,J,K,M		Q7801	2SC4617/QR/-X	TRANSISTOR		
△ 062	QMPP210-190-JR	POWER CORD	1.9m BLACK C,H		Q7801 or	2SC5383/E/-X	TRANSISTOR		
065	-----	WARRANTY CARD	BT-54032-1CAM		Q7801 or	2SD2216J/QR/-X	TRANSISTOR		
068	QQR0491-002	FERRITE CORE	AC ADAPTER TDK (BLACK) A,B,D,E,F,G,J,K,M		Q7802	PUMX1-W	PAIR TRANSISTOR		

MAIN BOARD ASSEMBLY <01>

△ Symbol No.	Part No.	Part Name	Description	Local
PW1	LYA10116-05B	MAIN BOARD ASSY	A,B,C,D,E,F,G	
PW1	LYA10116-04B	MAIN BOARD ASSY	H,J,K,M	
IC1001	MN103SFD0REA	IC(MICRO C ROM)	FLASH(AP) A,B,C,D,E,F,G,H	
IC1001 or	MN103SD0QEA	IC(MICRO C ROM)	MP	
IC1001 or	MN103SFD0REA	IC(MICRO C ROM)	FLASH(AP) J,K,M	
IC1005	M95640-WDW6P-X	IC	EEP64	
IC1006	S-35190A-G-X	IC		
IC1009	YCBCJVSNS8031-X	IC(MICRO C ROM)		
IC1601	BD6308KV	IC	MDA 64PIN	
IC1601 or	BD6637KV	IC	MDA 64PIN	

MODEL	MARK	MODEL	MARK	MODEL	MARK	MODEL	MARK
GR-D818EG	A	GR-D820EX	D	GR-D824EZ	G	GR-D860EX	K
GR-D820EG	B	GR-D822EZ	E	GR-D860EK	H	GR-D860EZ	M
GR-D820EK	C	GR-D824ER	F	GR-D860ER	J		

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
D1001	DA221-X	DIODE ARRAY			C1622	NCBA1CK-223W	C CAPACITOR	0.022uF 16V K	
D1001	or MA133-X	SI DIODE			C1623	NCBA1CK-473W	C CAPACITOR	0.047uF 16V K	
D1001	or KDS221E-X	SI DIODE			C1624	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K	
D1603	DAP222-X	DIODE ARRAY			C1625	NDCA1HJ-101W	C CAPACITOR	100pF 50V J	
D1603	or MA132WA-X	SI DIODE			C1626	NCBA1EK-472W	C CAPACITOR	4700pF 25V K	
D1603	or SDS2836EF-X	SI DIODE			C1627	NCBA1EK-472W	C CAPACITOR	4700pF 25V K	
D4201	1SS355-X	SI DIODE			C1628	NCB31CK-224X	C CAPACITOR	0.22uF 16V K	
D4201	or MA111-X	SI DIODE			C1629	NCB21EK-224X	C CAPACITOR	0.22uF 25V K	
D4201	or 1SS352-X	SI DIODE			C1630	NCB21EK-224X	C CAPACITOR	0.22uF 25V K	
D4201	or SDS511-X	SI DIODE			C1631	NCB20JK-106X	C CAPACITOR	10uF 6.3V K	
D6101	RB521S-30-X	SB DIODE			C1632	NCB21CK-474X	C CAPACITOR	0.47uF 16V K	
D6101	or KDR720E-X	SB DIODE			C1633	NCB30JK-474X	C CAPACITOR	0.47uF 6.3V K	
D6101	or MA2SD31-X	SB DIODE			C1637	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
D6201	RB521S-30-X	SB DIODE			C1702	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
D6201	or KDR720E-X	SB DIODE			C2202	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
D6201	or MA2SD31-X	SB DIODE			C2204	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
D6503	1SS355-X	SI DIODE			C2209	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
D6503	or MA111-X	SI DIODE			C2210	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
D6503	or 1SS352-X	SI DIODE			C2213	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
D6503	or SDS511-X	SI DIODE			C2214	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
D6504	1SS355-X	SI DIODE			C2223	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
D6504	or MA111-X	SI DIODE			C2224	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
D6504	or 1SS352-X	SI DIODE			C2401	NCJ20JK-106X-D	C CAPACITOR	10uF 6.3V K	
D6504	or SDS511-X	SI DIODE			C2402	NCJ20JK-106X-D	C CAPACITOR	10uF 6.3V K	
D6505	1SS355-X	SI DIODE			C2403	NCJ20JK-106X-D	C CAPACITOR	10uF 6.3V K	
D6505	or MA111-X	SI DIODE			C2404	NCJ20JK-106X-D	C CAPACITOR	10uF 6.3V K	
D6505	or 1SS352-X	SI DIODE			C2405	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
D6505	or SDS511-X	SI DIODE			C2406	NCJ20JK-106X-D	C CAPACITOR	10uF 6.3V K	
D6506	1SS355-X	SI DIODE			C2407	NCJ20JK-106X-D	C CAPACITOR	10uF 6.3V K	
D6506	or MA111-X	SI DIODE			C2603	NCBA1CK-223W	C CAPACITOR	0.022uF 16V K	
D6506	or 1SS352-X	SI DIODE			C2604	NCBA1CK-223W	C CAPACITOR	0.022uF 16V K	
D6506	or SDS511-X	SI DIODE			C2605	NCBA1CK-223W	C CAPACITOR	0.022uF 16V K	
D6507	UDZS8.2B-X	Z DIODE			C2606	NCBA1CK-223W	C CAPACITOR	0.022uF 16V K	
D6507	or MA8082/M/-X	Z DIODE			C2611	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
D6701	RB160M-30-X	SB DIODE			C2612	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
D6701	or MA22D23-X	SB DIODE			C2613	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
D6703	RB160M-30-X	SB DIODE			C2655	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K	
D6703	or MA22D23-X	SB DIODE			C2656	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K	
D6801	RB551V-30-X	SB DIODE			C3001	NCB31CK-105X	C CAPACITOR	1uF 16V K	
D6801	or KDR412-X	SB DIODE			C3003	NCJ20JK-106X-D	C CAPACITOR	10uF 6.3V K	
C1001	NDCA1HJ-7R0W	C CAPACITOR	7pF 50V J		C3005	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C1002	NDCA1HJ-7R0W	C CAPACITOR	7pF 50V J		C3007	NCJ20JK-106X-D	C CAPACITOR	10uF 6.3V K	
C1003	NDCA1HJ-2R0W	C CAPACITOR	2pF 50V J		C3011	NCJ20JK-106X-D	C CAPACITOR	10uF 6.3V K	
C1004	NBE20JM-226X	TA E CAPACITOR	22uF 6.3V M		C3013	NCJ20JK-106X-D	C CAPACITOR	10uF 6.3V K	
C1005	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C3027	NCB31CK-224X	C CAPACITOR	0.22uF 16V K	
C1006	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C3030	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1008	NCJ20JK-106X-D	C CAPACITOR	10uF 6.3V K		C3031	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C1013	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C3032	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C1023	NCBA1EK-682W	C CAPACITOR	6800pF 25V K		C3034	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C1024	NCBA1EK-682W	C CAPACITOR	6800pF 25V K		C3037	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1025	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C3038	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1029	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C3047	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C1031	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C3048	NCBA1HK-471W	C CAPACITOR	470pF 50V K	
C1032	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C3049	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C1033	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C3052	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C1035	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C3054	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C1036	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C3061	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C1038	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C3062	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C1039	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C3063	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C1040	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C3064	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C1051	NCBA1CK-223W	C CAPACITOR	0.022uF 16V K		C3071	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C1052	NCBA1CK-223W	C CAPACITOR	0.022uF 16V K		C3072	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C1053	NCBA1CK-223W	C CAPACITOR	0.022uF 16V K		C3076	NDCA1HJ-100W	C CAPACITOR	10pF 50V J	
C1054	NCBA1CK-223W	C CAPACITOR	0.022uF 16V K		C3077	NDCA1HJ-100W	C CAPACITOR	10pF 50V J	
C1055	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C3087	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C1601	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C3090	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C1602	NCB20JK-106X	C CAPACITOR	10uF 6.3V K		C3092	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C1603	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M		C3103	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C1605	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C3107	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C1606	NCBA1HK-152W	C CAPACITOR	1500pF 50V K		C3108	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C1607	NCBA1CK-473W	C CAPACITOR	0.047uF 16V K		C3111	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C1614	NCB20JK-106X	C CAPACITOR	10uF 6.3V K		C3112	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C1618	NCBA1HK-222W	C CAPACITOR	2200pF 50V K		C3114	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C1619	NCBA1HK-222W	C CAPACITOR	2200pF 50V K		C3116	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C1620	NCBA1HK-222W	C CAPACITOR	2200pF 50V K		C3118	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C1621	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C3119	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
					C3121	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
					C3122	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	

MODEL	MARK	MODEL	MARK	MODEL	MARK	MODEL	MARK
GR-D818EG	A	GR-D820EX	D	GR-D824EZ	G	GR-D860EX	K
GR-D820EG	B	GR-D822EZ	E	GR-D860EK	H	GR-D860EZ	M
GR-D820EK	C	GR-D824ER	F	GR-D860ER	J		

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
C3123	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C4921	NCBA1CK-223W	C CAPACITOR	0.022uF 16V K	
C3124	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C4922	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C3125	NCFA1AZ-474W	C CAPACITOR	0.47uF 10V Z		C4932	NBE21AM-106X	TA E CAPACITOR	10uF 10V M	
C3126	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C4941	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C3127	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C4942	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C3128	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C6001	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C3129	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C6002	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C3136	NDCA1EJ-221W	C CAPACITOR	220pF 25V J		C6004	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C3137	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C6005	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C3138	NCJ20JK-106X-D	C CAPACITOR	10uF 6.3V K		C6006	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C3156	NCB10JK-106X	C CAPACITOR	10uF 6.3V K		C6007	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C3161	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C6008	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C3162	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C6009	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C3163	NCB21AK-105X	C CAPACITOR	1uF 10V K		C6101	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3164	NCB21AK-105X	C CAPACITOR	1uF 10V K		C6102	NCJ20JK-106X-D	C CAPACITOR	10uF 6.3V K	
C3501	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C6103	NCBA1HK-221W	C CAPACITOR	220pF 50V K	
C3502	NCJ20JK-106X-D	C CAPACITOR	10uF 6.3V K		C6201	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3503	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C6202	NCJ20JK-106X-D	C CAPACITOR	10uF 6.3V K	
C3504	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C6204	NCBA1HK-221W	C CAPACITOR	220pF 50V K	
C3505	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C6301	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C3506	NCJ20JK-106X-D	C CAPACITOR	10uF 6.3V K		C6302	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C3507	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C6303	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C3508	NCBA1HK-471W	C CAPACITOR	470pF 50V K		C6304	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C3509	NCBA1HK-471W	C CAPACITOR	470pF 50V K		C6402	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C3510	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C6403	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C3511	NDCA1HJ-680W	C CAPACITOR	68pF 50V J		C6404	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C3512	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C6501	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C3513	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C6502	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C3516	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C6503	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C3517	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C6504	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C3518	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C6505	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C3519	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C6506	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C3705	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C6509	NCBA1AK-333W	C CAPACITOR	0.033uF 10V K	
C3709	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C6510	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C3710	NCJ20JK-106X-D	C CAPACITOR	10uF 6.3V K		C6511	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C3715	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C6512	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C3716	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C6514	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C3717	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C6701	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C4201	NCB11EK-105X	C CAPACITOR	1uF 25V K		C6702	NCB41CK-106X	C CAPACITOR	10uF 16V K	
C4202	NCB11CK-475X	C CAPACITOR	4.7uF 16V K		C6704	NCBA1EK-472W	C CAPACITOR	4700pF 25V K	
C4203	NCB11CK-475X	C CAPACITOR	4.7uF 16V K		C6705	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K	
C4204	NBE20JM-226X	TA E CAPACITOR	22uF 6.3V M		C6706	NCBA1HK-221W	C CAPACITOR	220pF 50V K	
C4205	NCB20JK-475X	C CAPACITOR	4.7uF 6.3V K		C6707	NCBA1HK-561W	C CAPACITOR	560pF 50V K	
C4206	NCB20JK-475X	C CAPACITOR	4.7uF 6.3V K		C6708	NCB31CK-105X	C CAPACITOR	1uF 16V K H,J,K,M	
C4207	NDCA1HJ-7R0W	C CAPACITOR	7pF 50V J		C6709	NCB31AK-105X	C CAPACITOR	1uF 10V K H,J,K,M	
C4208	NDCA1HJ-7R0W	C CAPACITOR	7pF 50V J		C6801	NCBA1HK-471W	C CAPACITOR	470pF 50V K	
C4209	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C6802	NCJ20JK-106X-D	C CAPACITOR	10uF 6.3V K	
C4210	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C6803	NCBA1HK-101W	C CAPACITOR	100pF 50V K	
C4211	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C7802	NCB11CK-225X-A	C CAPACITOR	2.2uF 16V K	
C4212	NDCA1HJ-150W	C CAPACITOR	15pF 50V J		C7803	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C4213	NCBA1HK-102W	C CAPACITOR	1000pF 50V K		C7804	NCB11CK-225X-A	C CAPACITOR	2.2uF 16V K	
C4214	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C8001	NCB21CK-105X	C CAPACITOR	1uF 16V K H,J,K,M	
C4215	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C8002	NCB21CK-105X	C CAPACITOR	1uF 16V K H,J,K,M	
C4216	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C8011	NCB21CK-105X	C CAPACITOR	1uF 16V K H,J,K,M	
C4217	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C8012	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K H,J,K,M	
C4218	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C8013	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K H,J,K,M	
C4219	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C8018	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K H,J,K,M	
C4220	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C8025	NCB21CK-105X	C CAPACITOR	1uF 16V K H,J,K,M	
C4221	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C8029	NCB30JK-105X	C CAPACITOR	1uF 6.3V K H,J,K,M	
C4222	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C8030	NCB21CK-105X	C CAPACITOR	1uF 16V K H,J,K,M	
C4223	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K						
C4224	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		R1001	NRSA6AJ-105W	MG RESISTOR	1MΩ 1/16W J	
C4226	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		R1002	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J	
C4227	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		R1003	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J	
C4901	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		R1006	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J	
C4902	NCJ20JK-106X-D	C CAPACITOR	10uF 6.3V K		R1007	NRSA6AJ-101W	MG RESISTOR	100Ω 1/16W J	
C4903	NCJ20JK-106X-D	C CAPACITOR	10uF 6.3V K		R1008	NRSA6AJ-473W	MG RESISTOR	47kΩ 1/16W J	
C4904	NCJ20JK-106X-D	C CAPACITOR	10uF 6.3V K		R1009	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J	
C4905	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		R1014	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J	
C4907	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		R1015	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J	
C4908	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		R1016	NRSA6AJ-753W	MG RESISTOR	75kΩ 1/16W J	
C4909	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		R1017	NRSA6AJ-334W	MG RESISTOR	330kΩ 1/16W J	
C4911	NDCA1HJ-101W	C CAPACITOR	100pF 50V J		R1018	NRSA6AJ-332W	MG RESISTOR	3.3kΩ 1/16W J	
C4912	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		R1019	NRSA6AJ-332W	MG RESISTOR	3.3kΩ 1/16W J	
C4913	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		R1020	NRSA6AJ-332W	MG RESISTOR	3.3kΩ 1/16W J	
C4914	NDCA1EJ-221W	C CAPACITOR	220pF 25V J		R1024	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J	
C4915	NDCA1HJ-121W	C CAPACITOR	120pF 50V J		R1028	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J	
C4916	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		R1029	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J	

MODEL	MARK	MODEL	MARK	MODEL	MARK	MODEL	MARK
GR-D818EG	A	GR-D820EX	D	GR-D824EZ	G	GR-D860EX	K
GR-D820EG	B	GR-D822EZ	E	GR-D860EK	H	GR-D860EZ	M
GR-D820EK	C	GR-D824ER	F	GR-D860ER	J		

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
R1030	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J		R2701	NRSA6AJ-821W	MG RESISTOR	820Ω 1/16W J	
R1031	NRSA6AJ-473W	MG RESISTOR	47kΩ 1/16W J		R2702	NRSA6AJ-821W	MG RESISTOR	820Ω 1/16W J	
R1032	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J		R3007	NRSA6AJ-473W	MG RESISTOR	47kΩ 1/16W J	
R1033	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J		R3008	NRSA6AJ-151W	MG RESISTOR	150Ω 1/16W J	
R1036	NRSA6AJ-561W	MG RESISTOR	560Ω 1/16W J		R3009	NRSA6AJ-473W	MG RESISTOR	47kΩ 1/16W J	
R1038	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J		R3011	NRSA6AJ-822W	MG RESISTOR	8.2kΩ 1/16W J	
R1040	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J		R3014	NRSA6AJ-152W	MG RESISTOR	1.5kΩ 1/16W J	
R1041	NRSA6AJ-152W	MG RESISTOR	1.5kΩ 1/16W J		R3016	NRSA6AJ-822W	MG RESISTOR	8.2kΩ 1/16W J	
R1042	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J		R3017	NRSA6AJ-121W	MG RESISTOR	120Ω 1/16W J	
R1045	NRSA6AJ-472W	MG RESISTOR	4.7kΩ 1/16W J		R3018	NRSA6AJ-822W	MG RESISTOR	8.2kΩ 1/16W J	
R1046	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J		R3022	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J	
R1048	NRSA6AJ-272W	MG RESISTOR	2.7kΩ 1/16W J		R3028	NRSA6AJ-331W	MG RESISTOR	330Ω 1/16W J	
R1049	NRSA6AJ-683W	MG RESISTOR	68kΩ 1/16W J		R3029	NRSA6AJ-332W	MG RESISTOR	3.3kΩ 1/16W J	
R1050	NRSA6AJ-184W	MG RESISTOR	180kΩ 1/16W J		R3043	NRSA6AJ-331W	MG RESISTOR	330Ω 1/16W J	
R1051	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J		R3044	NRSA6AJ-332W	MG RESISTOR	3.3kΩ 1/16W J	
R1052	NRSA6AJ-822W	MG RESISTOR	8.2kΩ 1/16W J		R3066	NRSA6AD-822W	MG RESISTOR	8.2kΩ 1/16W D	
R1053	NRSA6AJ-473W	MG RESISTOR	47kΩ 1/16W J		R3069	NRSA6AD-911W	MG RESISTOR	910Ω 1/16W D	
R1054	NRSA6AJ-393W	MG RESISTOR	39kΩ 1/16W J		R3070	NRSA6AD-822W	MG RESISTOR	8.2kΩ 1/16W D	
R1055	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J		R3071	NRSA6AD-911W	MG RESISTOR	910Ω 1/16W D	
R1056	NRSA6AJ-223W	MG RESISTOR	22kΩ 1/16W J		R3072	NRSA6AD-911W	MG RESISTOR	910Ω 1/16W D	
R1067	NRSA6AJ-473W	MG RESISTOR	47kΩ 1/16W J	H,J,K,M	R3075	NRSA6AD-751W	MG RESISTOR	750Ω 1/16W D	
R1070	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J		R3076	NRSA6AD-822W	MG RESISTOR	8.2kΩ 1/16W D	
R1074	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J		R3077	NRSA6AD-751W	MG RESISTOR	750Ω 1/16W D	
R1077	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J		R3078	NRSA6AD-273W	MG RESISTOR	27kΩ 1/16W D	
R1078	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J		R3079	NRSA6AD-183W	MG RESISTOR	18kΩ 1/16W D	
R1079	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J		R3088	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J	
R1080	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J		R3123	NRSA6AJ-105W	MG RESISTOR	1MΩ 1/16W J	
R1083	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J	H,J,K,M	R3124	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J	H,J,K,M
R1084	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J		R3128	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J	H,J,K,M
R1086	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J	H,J,K,M	R3236	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J	
R1096	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J		R3237	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J	
R1601	NRSA6AJ-681W	MG RESISTOR	680Ω 1/16W J		R3238	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J	
R1602	NRSA6AJ-124W	MG RESISTOR	120kΩ 1/16W J		R3239	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J	
R1603	NRSA6AJ-472W	MG RESISTOR	4.7kΩ 1/16W J		R3240	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J	
R1604	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J		R3241	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J	
R1610	NRSA6AJ-271W	MG RESISTOR	270Ω 1/16W J		R3242	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J	
R1611	NRSA6AJ-271W	MG RESISTOR	270Ω 1/16W J		R3243	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J	
R1612	NRSA6AJ-393W	MG RESISTOR	39kΩ 1/16W J		R3244	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J	
R1613	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J		R3245	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J	
R1614	NRZ0072-R330X	MG RESISTOR	0.33Ω 1/4W F		R3246	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J	
R1616	NRVA6AD-392W	CMF RESISTOR	3.9kΩ 1/16W D		R3506	NRSA6AD-151W	MG RESISTOR	150Ω 1/16W D	
R1617	NRZ0072-R330X	MG RESISTOR	0.33Ω 1/4W F		R3507	NRSA6AD-151W	MG RESISTOR	150Ω 1/16W D	
R1620	NRSA6AJ-683W	MG RESISTOR	68kΩ 1/16W J		R3508	NRSA6AD-151W	MG RESISTOR	150Ω 1/16W D	
R1621	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J		R3509	NRSA6AD-151W	MG RESISTOR	150Ω 1/16W D	
R1622	NRSA6AJ-683W	MG RESISTOR	68kΩ 1/16W J		R3530	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J	
R1624	NRVA6AD-183W	CMF RESISTOR	18kΩ 1/16W D		R3536	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J	
R1625	NRVA6AD-681W	CMF RESISTOR	680Ω 1/16W D		R3537	NRSA6AJ-563W	MG RESISTOR	56kΩ 1/16W J	
R1629	NRSA6AJ-564W	MG RESISTOR	560kΩ 1/16W J		R3538	NRSA6AJ-622W	MG RESISTOR	6.2kΩ 1/16W J	
R1635	NRSA6AJ-272W	MG RESISTOR	2.7kΩ 1/16W J		R3539	NRSA6AJ-563W	MG RESISTOR	56kΩ 1/16W J	
R1636	NRSA6AJ-123W	MG RESISTOR	12kΩ 1/16W J		R3540	NRSA6AJ-512W	MG RESISTOR	5.1kΩ 1/16W J	
R1637	NRSA6AJ-154W	MG RESISTOR	150kΩ 1/16W J		R3612	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J	
R1701	NRSA6AJ-823W	MG RESISTOR	82kΩ 1/16W J		R3619	NRSA6AD-622W	MG RESISTOR	6.2kΩ 1/16W D	
R1702	NRSA6AJ-222W	MG RESISTOR	2.2kΩ 1/16W J		R3620	NRSA6AD-622W	MG RESISTOR	6.2kΩ 1/16W D	
R1703	NRSA6AJ-222W	MG RESISTOR	2.2kΩ 1/16W J		R3621	NRSA6AD-560W	MG RESISTOR	56Ω 1/16W D	
R1704	NRSA6AJ-222W	MG RESISTOR	2.2kΩ 1/16W J		R3622	NRSA6AD-560W	MG RESISTOR	56Ω 1/16W D	
R1705	NRSA6AJ-222W	MG RESISTOR	2.2kΩ 1/16W J		R3623	NRSA6AD-560W	MG RESISTOR	56Ω 1/16W D	
R1706	NRSA6AJ-823W	MG RESISTOR	82kΩ 1/16W J		R3624	NRSA6AD-560W	MG RESISTOR	56Ω 1/16W D	
R1707	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J		R3625	NRSA6AD-512W	MG RESISTOR	5.1kΩ 1/16W D	
R1708	NRSA6AJ-124W	MG RESISTOR	120kΩ 1/16W J		R3702	NRSA6AJ-152W	MG RESISTOR	1.5kΩ 1/16W J	
R1709	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J		R3704	NRSA6AJ-152W	MG RESISTOR	1.5kΩ 1/16W J	
R1710	NRSA6AJ-124W	MG RESISTOR	120kΩ 1/16W J		R3706	NRSA6AD-680W	MG RESISTOR	68Ω 1/16W D	
R1711	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J		R3821	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J	
R1712	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J		R3843	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J	
R2202	NRSA6AJ-564W	MG RESISTOR	560kΩ 1/16W J		R3844	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J	H,J,K,M
R2203	NRSA6AJ-393W	MG RESISTOR	39kΩ 1/16W J		R3846	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J	
R2204	NRSA6AJ-224W	MG RESISTOR	220kΩ 1/16W J		R4201	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J	
R2206	NRSA6AJ-563W	MG RESISTOR	56kΩ 1/16W J		R4202	NRSA6AJ-100W	MG RESISTOR	10Ω 1/16W J	
R2207	NRSA6AJ-563W	MG RESISTOR	56kΩ 1/16W J		R4204	NRSA6AD-101W	MG RESISTOR	100Ω 1/16W D	
R2208	NRSA6AJ-223W	MG RESISTOR	22kΩ 1/16W J		R4224	NRSA6AD-101W	MG RESISTOR	100Ω 1/16W D	
R2209	NRSA6AJ-223W	MG RESISTOR	22kΩ 1/16W J		R4226	NRSA6AJ-220W	MG RESISTOR	22Ω 1/16W J	
R2217	NRSA6AJ-100W	MG RESISTOR	10Ω 1/16W J		R4227	NRSA6AJ-470W	MG RESISTOR	47Ω 1/16W J	
R2401	NRSA6AJ-472W	MG RESISTOR	4.7kΩ 1/16W J		R4228	NRSA6AJ-433W	MG RESISTOR	43kΩ 1/16W J	
R2402	NRSA6AJ-472W	MG RESISTOR	4.7kΩ 1/16W J		R4229	NQR0286-009X	FERRITE BEADS		
R2403	NRSA6AJ-183W	MG RESISTOR	18kΩ 1/16W J		R4230	NQR0286-009X	FERRITE BEADS		
R2406	NRSA6AJ-100W	MG RESISTOR	10Ω 1/16W J		R4231	NQR0286-009X	FERRITE BEADS		
R2407	NRSA6AJ-100W	MG RESISTOR	10Ω 1/16W J		R4901	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J	
R2601	NRSA6AJ-222W	MG RESISTOR	2.2kΩ 1/16W J		R4902	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J	
R2602	NRSA6AJ-222W	MG RESISTOR	2.2kΩ 1/16W J		R4903	NRSA6AJ-822W	MG RESISTOR	8.2kΩ 1/16W J	

MODEL	MARK	MODEL	MARK	MODEL	MARK	MODEL	MARK
GR-D818EG	A	GR-D820EX	D	GR-D824EZ	G	GR-D860EX	K
GR-D820EG	B	GR-D822EZ	E	GR-D860EK	H	GR-D860EZ	M
GR-D820EK	C	GR-D824ER	F	GR-D860ER	J		

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
R4904	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J		R7812	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J	
R4905	NRSA6AJ-333W	MG RESISTOR	33kΩ 1/16W J		R7813	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J	
R4906	NRSA6AJ-564W	MG RESISTOR	560kΩ 1/16W J		R8002	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J H,J,K,M	
R4907	NRSA6AJ-105W	MG RESISTOR	1MΩ 1/16W J		R8008	NRSA6AJ-561W	MG RESISTOR	560Ω 1/16W J H,J,K,M	
R4909	NRSA6AJ-105W	MG RESISTOR	1MΩ 1/16W J		R8009	NRSA6AJ-105W	MG RESISTOR	1MΩ 1/16W J H,J,K,M	
R4910	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J		R8015	NRSA6AJ-473W	MG RESISTOR	47kΩ 1/16W J H,J,K,M	
R4911	NRSA6AJ-101W	MG RESISTOR	100Ω 1/16W J		R8016	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J H,J,K,M	
R4912	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J		R8017	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J H,J,K,M	
R4916	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J		R8019	NRSA6AJ-471W	MG RESISTOR	470Ω 1/16W J H,J,K,M	
R4917	NRSA6AJ-474W	MG RESISTOR	470kΩ 1/16W J		R8021	NRSA6AJ-221W	MG RESISTOR	220Ω 1/16W J H,J,K,M	
R4919	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J		R8022	NRSA6AJ-101W	MG RESISTOR	100Ω 1/16W J H,J,K,M	
R4920	NRSA6AJ-682W	MG RESISTOR	6.8kΩ 1/16W J		R8023	NRSA6AJ-472W	MG RESISTOR	4.7kΩ 1/16W J H,J,K,M	
R4924	NRSA6AJ-124W	MG RESISTOR	120kΩ 1/16W J		R8025	NRSA6AJ-472W	MG RESISTOR	4.7kΩ 1/16W J H,J,K,M	
R4931	NRSA6AJ-151W	MG RESISTOR	150Ω 1/16W J		R8031	NRSA6AJ-100W	MG RESISTOR	10Ω 1/16W J H,J,K,M	
R4949	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J		R8041	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J H,J,K,M	
R4950	NRSA6AJ-154W	MG RESISTOR	150kΩ 1/16W J		R8042	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J H,J,K,M	
R4951	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J		R8046	NRSA6AJ-101W	MG RESISTOR	100Ω 1/16W J H,J,K,M	
R4953	NRSA6AJ-471W	MG RESISTOR	470Ω 1/16W J		R8050	NRSA6AJ-105W	MG RESISTOR	1MΩ 1/16W J H,J,K,M	
R4954	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J		R8051	NRSA6AJ-105W	MG RESISTOR	1MΩ 1/16W J H,J,K,M	
R4955	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J		R8056	NRSA6AJ-152W	MG RESISTOR	1.5kΩ 1/16W J H,J,K,M	
R4961	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J		R8058	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J H,J,K,M	
R4962	NRSA6AJ-121W	MG RESISTOR	120Ω 1/16W J		R8059	NRSA6AJ-134W	MG RESISTOR	130kΩ 1/16W J H,J,K,M	
R6005	NRVA6AD-393W	CMF RESISTOR	39kΩ 1/16W D		R8060	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J H,J,K,M	
R6006	NRSA6AJ-124W	MG RESISTOR	120kΩ 1/16W J		R8062	NRSA6AJ-181W	MG RESISTOR	180Ω 1/16W J H,J,K,M	
R6007	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J		R8063	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J H,J,K,M	
R6008	NRVA6AD-823W	CMF RESISTOR	82kΩ 1/16W D		R8064	NRSA6AJ-181W	MG RESISTOR	180Ω 1/16W J H,J,K,M	
R6009	NRVA6AD-333W	CMF RESISTOR	33kΩ 1/16W D		R8065	NRSA6AJ-181W	MG RESISTOR	180Ω 1/16W J H,J,K,M	
△ R6010	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J		R8066	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J H,J,K,M	
R6013	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J		R8067	NRSA6AJ-182W	MG RESISTOR	1.8kΩ 1/16W J H,J,K,M	
R6014	NRSA6AJ-273W	MG RESISTOR	27kΩ 1/16W J		R8068	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J H,J,K,M	
R6101	NRSA6AJ-473W	MG RESISTOR	47kΩ 1/16W J		R8069	NRSA6AJ-182W	MG RESISTOR	1.8kΩ 1/16W J H,J,K,M	
R6105	NRSA6AJ-100W	MG RESISTOR	10Ω 1/16W J		R8070	NRSA6AJ-182W	MG RESISTOR	1.8kΩ 1/16W J H,J,K,M	
R6106	NRSA6AJ-105W	MG RESISTOR	1MΩ 1/16W J		R8071	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J H,J,K,M	
R6204	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J		R8073	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J H,J,K,M	
R6205	NRSA6AJ-100W	MG RESISTOR	10Ω 1/16W J		RA1001	NRZ0034-473W	NET RESISTOR	47kΩ 1/32W J x4	
R6301	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J		RA1002	NRZ0034-104W	NET RESISTOR	100kΩ 1/32W J x4	
R6303	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J		RA1003	NRZ0034-104W	NET RESISTOR	100kΩ 1/32W J x4	
R6304	NRSA6AJ-123W	MG RESISTOR	12kΩ 1/16W J		RA1004	NRZ0034-104W	NET RESISTOR	100kΩ 1/32W J x4	
R6305	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J		RA1005	NRZ0034-102W	NET RESISTOR	1kΩ 1/32W J x4	
R6307	NRSA6AJ-473W	MG RESISTOR	47kΩ 1/16W J		RA1006	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
R6308	NRSA6AJ-562W	MG RESISTOR	5.6kΩ 1/16W J		RA1008	NRZ0034-102W	NET RESISTOR	1kΩ 1/32W J x4	
R6401	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J		RA1009	NRZ0034-332W	NET RESISTOR	3.3kΩ 1/32W J x4	
R6403	NRSA6AJ-474W	MG RESISTOR	470kΩ 1/16W J		RA3001	NRZ0034-221W	NET RESISTOR	220Ω 1/32W J x4 H,J,K,M	
R6404	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J		RA3002	NRZ0034-221W	NET RESISTOR	220Ω 1/32W J x4 H,J,K,M	
R6407	NRSA6AJ-223W	MG RESISTOR	22kΩ 1/16W J		RA3003	NRZ0034-221W	NET RESISTOR	220Ω 1/32W J x4 H,J,K,M	
R6408	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J		RA3004	NRZ0034-221W	NET RESISTOR	220Ω 1/32W J x4 H,J,K,M	
R6502	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J		RA3005	NRZ0034-470W	NET RESISTOR	47Ω 1/32W J x4	
R6512	NRSA6AJ-392W	MG RESISTOR	3.9kΩ 1/16W J		RA3006	NRZ0034-470W	NET RESISTOR	47Ω 1/32W J x4	
R6514	NRSA6AJ-682W	MG RESISTOR	6.8kΩ 1/16W J		RA8001	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4 H,J,K,M	
R6516	NRSA6AJ-683W	MG RESISTOR	68kΩ 1/16W J		RA8002	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4 H,J,K,M	
R6517	NRSA6AJ-433W	MG RESISTOR	43kΩ 1/16W J		RA8003	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4 H,J,K,M	
R6518	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J		RA8004	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4 H,J,K,M	
R6519	NRSA6AJ-154W	MG RESISTOR	150kΩ 1/16W J		RA8005	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4 H,J,K,M	
R6702	NRV142F-R20X	CMF RESISTOR	0.2Ω 1/4W F		RA8006	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4 H,J,K,M	
R6708	NRSA6AJ-153W	MG RESISTOR	15kΩ 1/16W J		RA8007	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4 H,J,K,M	
R6709	NRSA6AJ-114W	MG RESISTOR	110kΩ 1/16W J		RA8008	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4 H,J,K,M	
R6712	NRSA6AJ-561W	MG RESISTOR	560Ω 1/16W J		RA8009	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4 H,J,K,M	
R6713	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J		L1001	NQLC32M-100X	COIL	10uH M	
R6714	NRSA6AJ-471W	MG RESISTOR	470Ω 1/16W J		L1002	NQLC32M-100X	COIL	10uH M	
R6715	NRSA6AJ-512W	MG RESISTOR	5.1kΩ 1/16W J		L1003	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R6716	NRSA6AJ-203W	MG RESISTOR	20kΩ 1/16W J		L1601	NQLC32M-100X	COIL	10uH M	
R6717	NRSA6AJ-203W	MG RESISTOR	20kΩ 1/16W J		L1602	NQLC32M-100X	COIL	10uH M	
R6718	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J		L2401	NQR0602-001X	FERRITE BEADS		
R6719	NRSA6AJ-304W	MG RESISTOR	300kΩ 1/16W J		L2402	NQR0602-001X	FERRITE BEADS		
R6720	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J A,B,C,D,E,F,G		L2601	NQR0602-001X	FERRITE BEADS		
R6721	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J		L2602	NQR0602-001X	FERRITE BEADS		
R6723	NRSA6AJ-124W	MG RESISTOR	120kΩ 1/16W J		L2603	NQR0602-001X	FERRITE BEADS		
R6801	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J		L3001	NQR0602-001X	FERRITE BEADS		
R6802	NRSA6AJ-183W	MG RESISTOR	18kΩ 1/16W J		L3002	NQLC32M-100X	COIL	10uH M	
R7803	NRSA6AJ-562W	MG RESISTOR	5.6kΩ 1/16W J		L3006	NQR0602-001X	FERRITE BEADS		
R7804	NRSA6AJ-562W	MG RESISTOR	5.6kΩ 1/16W J		L3007	NQLC32M-100X	COIL	10uH M	
R7805	NRSA6AJ-562W	MG RESISTOR	5.6kΩ 1/16W J		L3009	NQLC32M-100X	COIL	10uH M	
R7806	NRSA6AJ-152W	MG RESISTOR	1.5kΩ 1/16W J		L3011	NQLC32M-100X	COIL	10uH M	
R7807	NRSA6AJ-152W	MG RESISTOR	1.5kΩ 1/16W J		L3019	NQLC32M-100X	COIL	10uH M	
R7808	NRSA6AJ-152W	MG RESISTOR	1.5kΩ 1/16W J		L3020	NQL315K-100X	COIL	10uH K	
R7809	NRSA6AJ-332W	MG RESISTOR	3.3kΩ 1/16W J		L3501	NQR0602-001X	FERRITE BEADS		
R7810	NRSA6AJ-332W	MG RESISTOR	3.3kΩ 1/16W J		L3505	NQR0602-001X	FERRITE BEADS		
R7811	NRSA6AJ-332W	MG RESISTOR	3.3kΩ 1/16W J						

MODEL	MARK	MODEL	MARK	MODEL	MARK	MODEL	MARK
GR-D818EG	A	GR-D820EX	D	GR-D824EZ	G	GR-D860EX	K
GR-D820EG	B	GR-D822EZ	E	GR-D860EK	H	GR-D860EZ	M
GR-D820EK	C	GR-D824ER	F	GR-D860ER	J		

△ Symbol No. Part No. Part Name Description Local

L4201	NQL315K-100X	COIL	10uH K	
L4202	NQL315K-100X	COIL	10uH K	
L4203	NQL315K-220X	COIL	22uH K	
L4204	NQL315K-100X	COIL	10uH K	
L4205	NQL315K-100X	COIL	10uH K	
L4901	NQR0602-001X	FERRITE BEADS		
L4902	NQLC32M-100X	COIL	10uH M	
L4903	NQL38DK-100X	P COIL	10uH K	
L6001	NQL382M-100X	COIL	10uH M	
L6101	NQLZ015-390X	COIL	39uH	
L6201	NQLZ015-390X	COIL	39uH	
L6301	NQLZ015-470X	COIL	47uH	
L6401	NQLZ015-470X	COIL	47uH	
L6501	NQL52EM-221X	COIL	220uH M	
L6502	NQL382M-100X	COIL	10uH M	
L6701	NQL52EM-390X	COIL	39uH M	
L6801	NQL365K-470X	COIL	47uH K	
L7801	NQLC32M-100X	COIL	10uH M	
L8001	NQR0602-001X	FERRITE BEADS		H,J,K,M
L8002	NQR0602-001X	FERRITE BEADS		H,J,K,M
L8003	NQR0602-001X	FERRITE BEADS		H,J,K,M
L8006	NQR0565-001X	FERRITE BEADS		H,J,K,M
L8008	NQL402M-100X	COIL	10uH M	H,J,K,M
L8011	NQR0602-001X	FERRITE BEADS		H,J,K,M

CN101	QGF0534F2-40X	CONNECTOR	REAR FFC/FPC (1-40)	H,J,K,M
CN102	QGB0801K2-12X	CONNECTOR	JIG B-B (1-12)	
CN103	QGF0566C1-50X	CONNECTOR	UPPER FFC/FPC (1-50)	
CN105	QGF0534F3-12X	CONNECTOR	Z/P FFC/FPC (1-12)	
CN106	QGF0534F2-32X	CONNECTOR	REAR FFC/FPC (1-32)	A,B,C,D,E,F,G
CN108	QGF0543F3-08X	CONNECTOR	FRONT FFC/FPC (1-8)	
CN1601	QGF0543F3-08X	CONNECTOR	LME FFC/FPC (1-8)	
CN1602	QGF0543F3-11X	CONNECTOR	DRUM FFC/FPC (1-11)	
CN1603	QGF0543F3-18X	CONNECTOR	CAPS FFC/FPC (1-18)	
CN1604	QGF0543F3-16X	CONNECTOR	SENS FFC/FPC (1-16)	
CN2601	QGA1001F1-04X	CONNECTOR	MIC W-B (1-4)	
CN3501	QGF0543F3-08X	CONNECTOR	HEAD FFC/FPC (1-8)	
CN4201	QGF0565C1-20W	CONNECTOR	CCD FFC/FPC (1-20)	
CN4901	QGF0543F3-25X	CONNECTOR	OP FFC/FPC (1-25)	
△ F1601	NMFZ024-R25X-A	FUSE	0.25A	
△ F1602	NMFZ024-R50X-A	FUSE	0.5A	
△ F6001	NMFZ024-2R5X-A	FUSE	2.5A	
X1001	NAX0645-001X	CRYSTAL	20.000MHz	
X1002	NAX0941-001X	CRYSTAL		
X3002	NAX0591-001X	CRYSTAL	24.576MHz	
X4201	NAX0954-001X	CRYSTAL		

CCD BOARD ASSEMBLY <02>

△ Symbol No. Part No. Part Name Description Local

PW1	LYA20044-01A	CCD BOARD ASSY		
Q5001	2SC3931/CD/-X	TRANSISTOR		
Q5001	or 2SC4265JC07-X	TRANSISTOR		
C5001	NCB11CK-475X	C CAPACITOR	4.7uF 16V K	
C5002	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C5004	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C5005	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C5006	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C5007	NCB31EK-222X	C CAPACITOR	2200pF 25V K	
R5001	NRSA63J-362X	MG RESISTOR	3.6kΩ 1/16W J	
R5008	NRSA63D-220X	MG RESISTOR	22Ω 1/16W D	
R5009	NRSA63D-220X	MG RESISTOR	22Ω 1/16W D	
L5001	NQL315K-470X	COIL	47uH K	
L5002	NQL315K-470X	COIL	47uH K	
CN5001	QGF0543F3-20X	CONNECTOR	FFC/FPC (1-20)	

REAR BOARD ASSEMBLY <03>

△ Symbol No. Part No. Part Name Description Local

PW1	LYA20047-02B	REAR BOARD ASSY		A,B,C,D,E,F,G
PW1	LYA20047-01B	REAR BOARD ASSY		H,J,K,M
D501	EMZ6.8N-X	Z DIODE	EMZ6.8N-X	
C503	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C504	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C506	NCJ20JK-106X-D	C CAPACITOR	10uF 6.3V K	H,J,K,M
C508	NCB31CK-105X	C CAPACITOR	1uF 16V K	
R501	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R502	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R503	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	H,J,K,M
R504	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	H,J,K,M
R505	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	H,J,K,M
R506	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	H,J,K,M
R507	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	H,J,K,M
R508	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	H,J,K,M
R509	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	H,J,K,M
R510	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	H,J,K,M
L501	NQR0251-004X	FERRITE BEADS		
L502	NQR0251-004X	FERRITE BEADS		
L503	NQR0602-001X	FERRITE BEADS		H,J,K,M
L505	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
△ BT501	QAB0025-001	LITHIUM BATTERY	CR2032/1F4 3V 220mAh	
BT502	LY35422-001A	BATT.TERM.UNIT		
CN501	QGF0534F2-40X	CONNECTOR	WITH SD FFC/FPC (1-40)	H,J,K,M
CN502	QGA1001F1-02X	CONNECTOR	TO SPK W-B (1-2)	
CN503	NNZ0151-001X	SD CARD CONNE	NNZ151(SD)	H,J,K,M
CN504	QGF0534F2-32X	CONNECTOR	QGF534F232 FFC/FPC (1-32)	A,B,C,D,E,F,G
J501	QNS0078-001	3.5 JACK	AVJACK	
J503	QNA0039-001	DC JACK	DCJACK	
S501	NSW0180-001X	DETECT SWITCH	EJECT	
WR1	QUQK05-32X3BA-E	FFC WIRE	FFC(40/32) 32pin 3.5cm	A,B,C,D,E,F,G
WR1	QUQK05-40X3BA-E	FFC WIRE	FFC(40/32) 40pin 3.5cm	H,J,K,M

JACK BOARD ASSEMBLY <04>

△ Symbol No. Part No. Part Name Description Local

PW1	LYA20046-05C1	JACK BOARD ASSY		A,B,C,D,E,F,G
PW1	LYA20046-02C1	JACK BOARD ASSY		H,J,K,M
IC401	LA73076V-X	IC		S H,J,K,M
Q401	UMZ1N-W	PAIR TRANSISTOR		H,J,K,M
Q401	or PUMZ1-W	PAIR TRANSISTOR		H,J,K,M
Q401	or XP4601-W	TRANSISTOR		H,J,K,M
D404	RSA6.1J4-W	SI DIODE		
C404	NBE20JM-226X	TA E CAPACITOR	22uF 6.3V M	H,J,K,M
C406	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	H,J,K,M
C407	NCB20JK-225X	C CAPACITOR	2.2uF 6.3V K	H,J,K,M
C408	NCB20JK-475X	C CAPACITOR	4.7uF 6.3V K	H,J,K,M
C410	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	H,J,K,M
R401	NRSA63D-680X	MG RESISTOR	68Ω 1/16W D	H,J,K,M
R402	NRSA63D-680X	MG RESISTOR	68Ω 1/16W D	H,J,K,M
R403	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J	H,J,K,M
R404	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	H,J,K,M
R405	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	H,J,K,M
R406	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	H,J,K,M
L403	NQR0506-002X	EMI FILTER		H,J,K,M
L406	NQL315K-220X	COIL	22uH K	H,J,K,M
L407	NQR0568-005X	CHOKE COIL		
CN401	QGF0565C1-24W	CONNECTOR	MAIN FFC/FPC (1-24)	
J402	QNZ0617-001	USB CONNECTOR	USB	H,J,K,M
J403	QND0068-001	S JACK	S JACK	H,J,K,M

MODEL	MARK	MODEL	MARK	MODEL	MARK	MODEL	MARK
GR-D818EG	A	GR-D820EX	D	GR-D824EZ	G	GR-D860EX	K
GR-D820EG	B	GR-D822EZ	E	GR-D860EK	H	GR-D860EZ	M
GR-D820EK	C	GR-D824ER	F	GR-D860ER	J		

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
S401	NSW0311-001X	DETECT SWITCH	MONISW		R7703	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
S402	NSW0099-001X	SLIDE SWITCH	VID/MEM SW	H,J,K,M	R7704	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
S403	NSW0198-001X	TACT SWITCH	DATA		R7705	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
S404	NSW0198-001X	TACT SWITCH	AUTO		R7706	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	

MONITOR BOARD ASSEMBLY <05>

△ Symbol No.	Part No.	Part Name	Description	Local
PW2	LYA20046-01C2	MONITOR BOARD ASSY		
IC7601	HGDSBN001A-X	IC		
IC7701	TC7SZ04FU-F-X	IC(DIGITAL)	PSIG	
Q7701	UMT1N-W	PAIR TRANSISTOR		
Q7701	or XP4401-W	TRANSISTOR		
Q7701	or BC856S-X	PAIR TRANSISTOR		
Q7701	or PUMT1-W	PAIR TRANSISTOR		
Q7702	PUMX1-W	PAIR TRANSISTOR		
Q7702	or XP4501-W	TRANSISTOR		
Q7702	or KTC801U/G/-X	PAIR TRANSISTOR		
Q7702	or RT3CLLM/EF/-X	TRANSISTOR		
Q7702	or UMX1N-W	PAIR TRANSISTOR		
Q7703	PUMX1-W	PAIR TRANSISTOR		
Q7703	or XP4501-W	TRANSISTOR		
Q7703	or KTC801U/G/-X	PAIR TRANSISTOR		
Q7703	or RT3CLLM/EF/-X	TRANSISTOR		
Q7703	or UMX1N-W	PAIR TRANSISTOR		
Q7704	2SC4617/QR/-X	TRANSISTOR		
Q7704	or 2SC5383/E/-X	TRANSISTOR		
Q7704	or 2SD2216J/QR/-X	TRANSISTOR		
Q7705	2SA1774/QR/-X	TRANSISTOR		
Q7705	or 2SB1462J/QR/-X	TRANSISTOR		
Q7705	or 2SA1989/QR/-X	TRANSISTOR		
Q7706	2SC4617/QR/-X	TRANSISTOR		
Q7706	or 2SC5383/E/-X	TRANSISTOR		
Q7706	or 2SD2216J/QR/-X	TRANSISTOR		
Q7707	2SC4617/QR/-X	TRANSISTOR		
Q7707	or 2SC5383/E/-X	TRANSISTOR		
Q7707	or 2SD2216J/QR/-X	TRANSISTOR		
Q7708	DTA144EE-X	DIGI TRANSISTOR		
Q7708	or KRA304E-X	DIGI TRANSISTOR		
Q7708	or PDA144EE-X	DIGI TRANSISTOR		
Q7708	or UN9113J-X	DIGI TRANSISTOR		
D7701	UDZS5.1B-X	Z DIODE		
D7701	or MA8051/M/-X	Z DIODE		
D7702	NSSW008P/T117-X	LED	LED	
D7703	NSSW008P/T117-X	LED	LED	
D7704	NSSW008P/T117-X	LED	LED	
D7705	NSSW008P/T117-X	LED	LED	
D7706	UDZS5.1B-X	Z DIODE		
D7706	or MA8051/M/-X	Z DIODE		
C7702	NBP21CM-106X	TA E CAPACITOR	10uF 16V M	
C7704	NCB20JK-106X	C CAPACITOR	10uF 6.3V K	
C7705	NCB20JK-106X	C CAPACITOR	10uF 6.3V K	
C7706	NCB20JK-106X	C CAPACITOR	10uF 6.3V K	
C7707	NCB21CK-104X	C CAPACITOR	0.1uF 16V K	
C7708	NCB11CK-475X	C CAPACITOR	4.7uF 16V K	
C7709	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C7710	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C7711	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C7713	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7714	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C7715	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7716	NCB31CK-105X	C CAPACITOR	1uF 16V K	
R7501	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R7502	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R7503	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R7504	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R7505	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R7506	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R7701	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7702	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	

R7703	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R7704	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7705	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7706	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7708	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R7709	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R7710	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7711	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R7712	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7716	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7717	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R7718	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R7719	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R7720	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R7722	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R7732	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R7733	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
L7701	NQLC32M-100X	COIL	10uH M	
CN7001	QGF0534F2-24X	CONNECTOR	LCD FFC/FPC (1-24)	
S7501	NSW0297-002X	TACT SWITCH	JOYST	
S7502	NSW0198-001X	TACT SWITCH	MENU	
S7503	NSW0198-001X	TACT SWITCH	TELE/INDEX	

FRONT BOARD ASSEMBLY <06>

△ Symbol No.	Part No.	Part Name	Description	Local
PW1	LYA20045-03A	FRONT BOARD ASSY		A,B,C,D
PW1	LYA20045-04A	FRONT BOARD ASSY		E
PW1	LYA20045-01A	FRONT BOARD ASSY		F,G
PW1	LYA20045-02A	FRONT BOARD ASSY		H,J,K,M
IC801	KSM-2003SN2E	IR DETECT UNIT		IRU E,H,J,K,M
Q801	RPM-22PB	PHOTO TRANSISTOR		
Q802	PUMX1-W	PAIR TRANSISTOR		F,G,H,J,K,M
Q802	or XP4501-W	PAIR TRANSISTOR		F,G,H,J,K,M
Q802	or KTC801U/G/-X	PAIR TRANSISTOR		F,G,H,J,K,M
Q802	or RT3CLLM/EF/-X	PAIR TRANSISTOR		F,G,H,J,K,M
Q802	or UMX1N-W	PAIR TRANSISTOR		F,G,H,J,K,M
D801	LW510/DQ/	LED		F,G,H,J,K,M
C802	NCJ20JK-106X-D	C CAPACITOR	10uF 6.3V K	
R801	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R802	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	F,G,H,J,K,M
R803	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	F,G,H,J,K,M
R804	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	F,G,H,J,K,M
CN801	QGF0543F3-08X	CONNECTOR	MAIN V	
WR1	QUQUK05-0803AA-E	FFC WIRE	8pin 3cm	