

PARTS LIST

SAFETY PRECAUTION

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

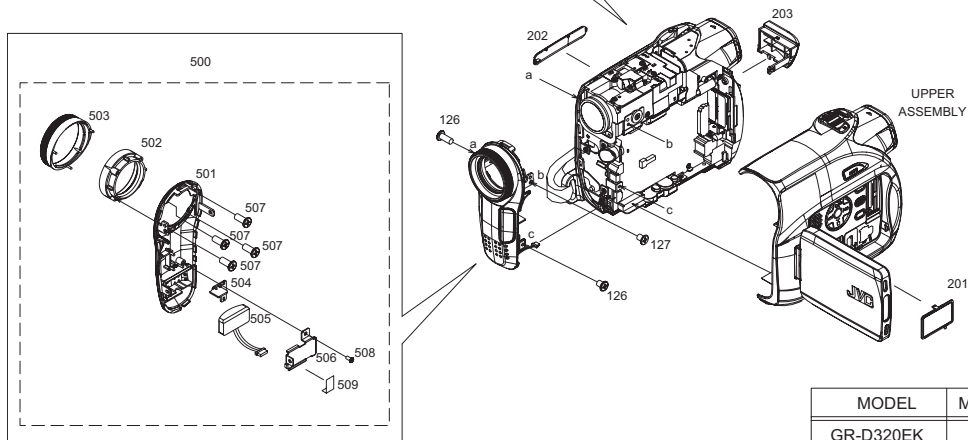
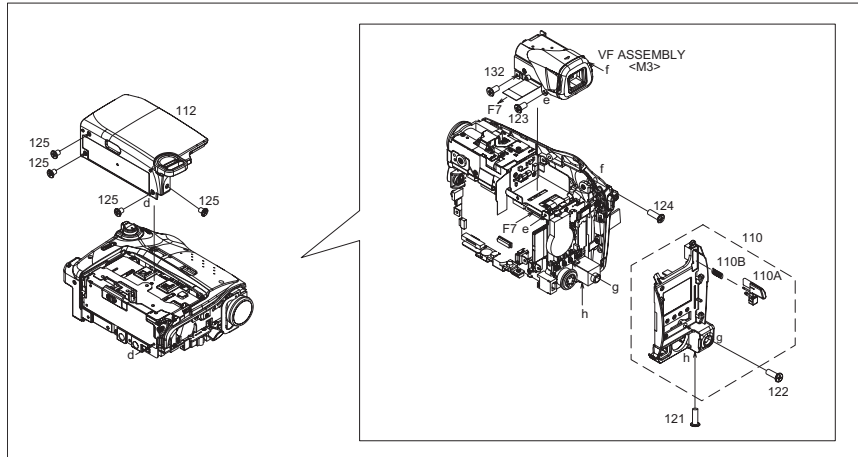
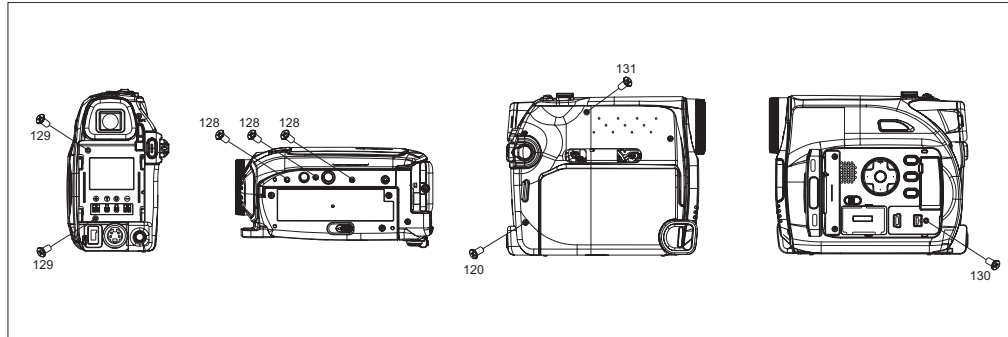
BEWARE OF BOGUS PARTS

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

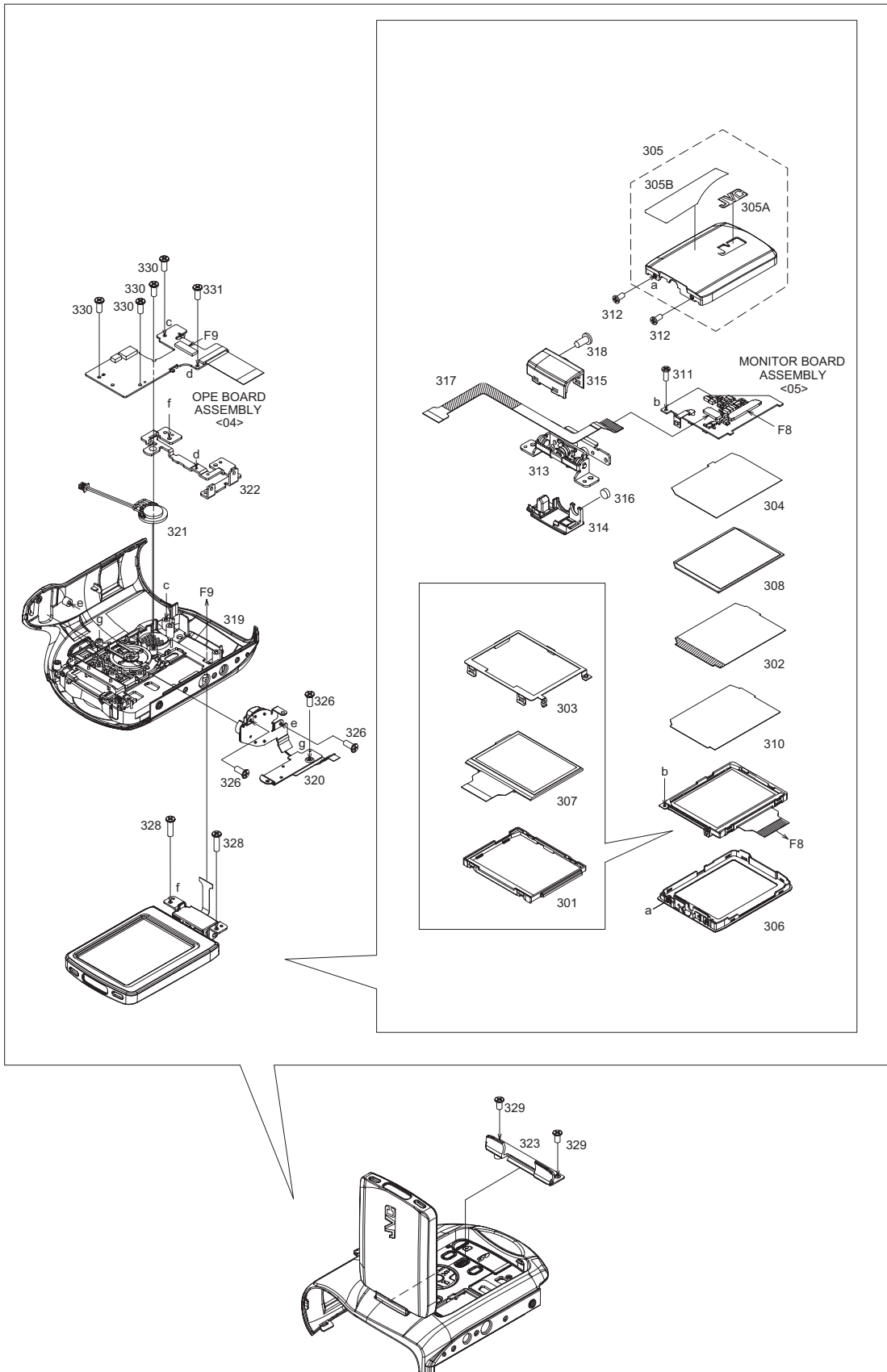
1. EXPLODED VIEW

1.1 FINAL ASSEMBLY<M1>

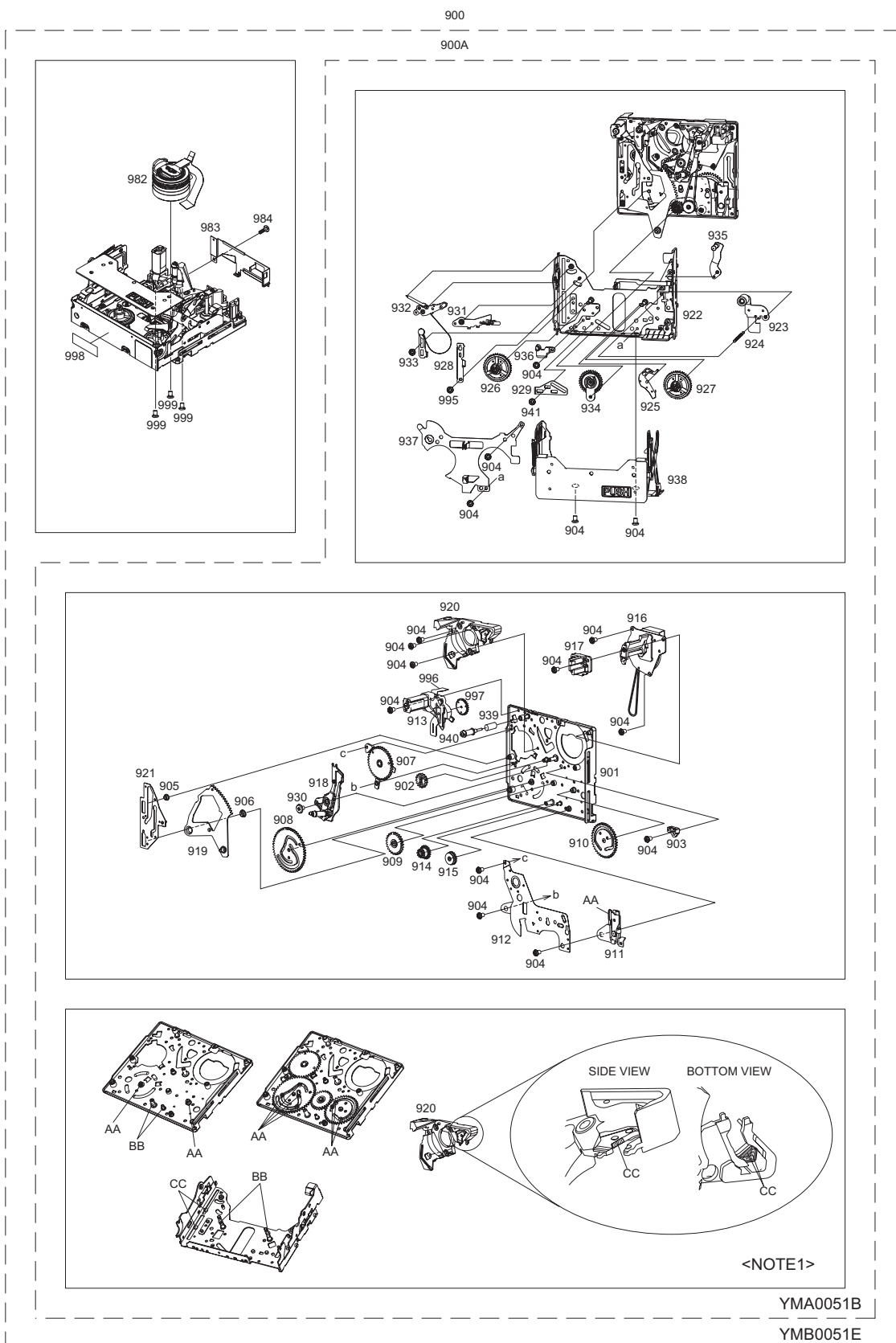
The instruction manual to be provided with this product will differ according to the destination.



MODEL	MARK
GR-D320EK	A
GR-D320EX	B
GR-D320EY	C
GR-D320EZ	D
GR-D325EG	E



1.2 MECHANISM ASSEMBLY<M2>

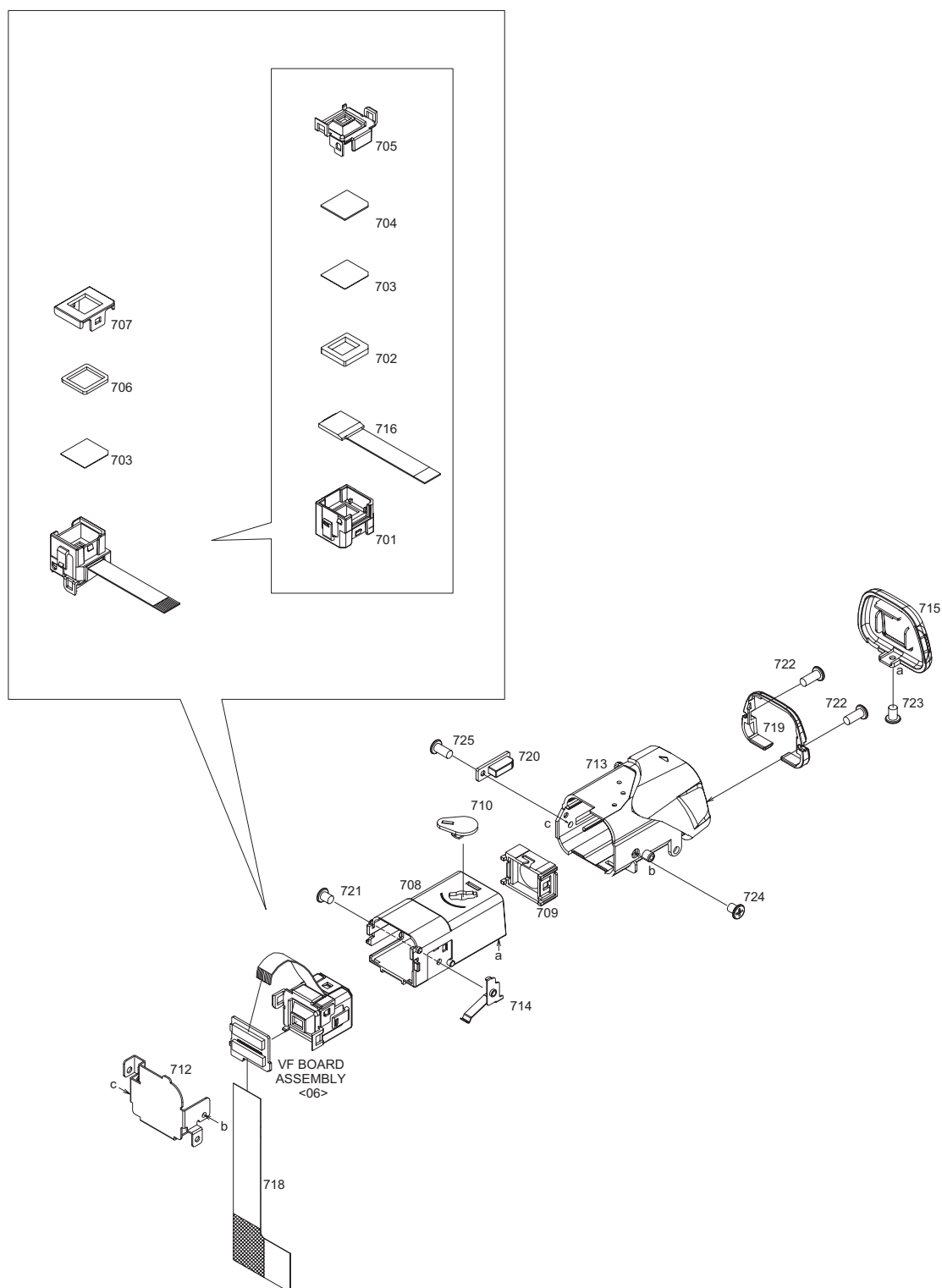


Classification	Part No.	Symbol in drawing
Grease	KYODO-SH-JB	AA
Oil	YTU94027	BB
Grease (HANARL)	RX-410R	CC

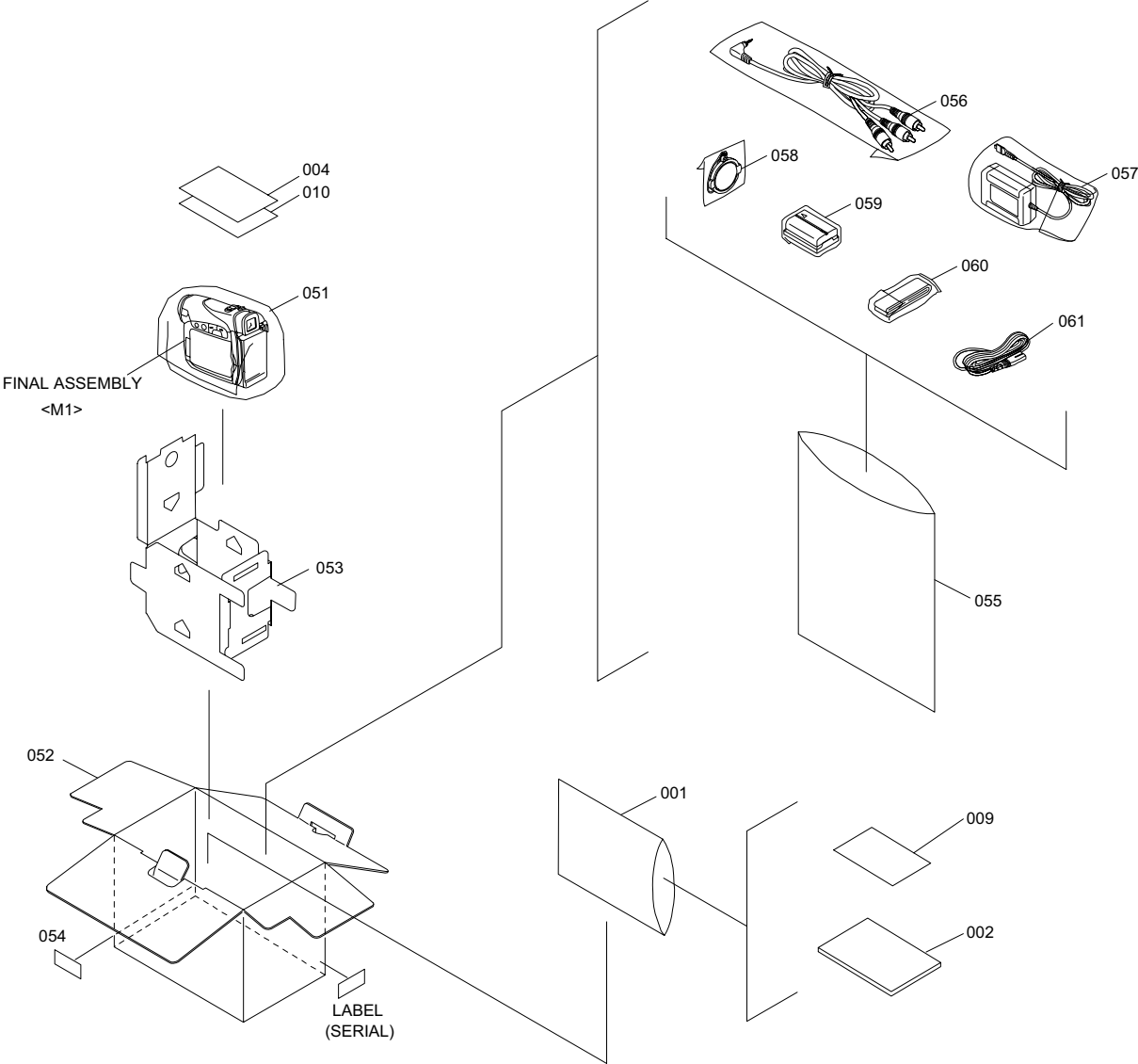
NOTE1: The section marked in AA, BB and CC indicate lubrication and greasing areas.

1.3 VF ASSEMBLY <M3>

700



1.5 PACKING AND ACCESSORY ASSEMBLY <M5>



MODEL	MARK	MODEL	MARK
GR-D320EK	A	GR-D320EZ	D
GR-D320EX	B	GR-D325EG	E
GR-D320EY	C		

2. PARTS LIST

FINAL ASSEMBLY <M1>

△ Symbol No.	Part No.	Part Name	Description	Local
101	LY35130-001D	FRAME ASSY		
101A	LY45033-001B	BUSH	(x4)	
101B	LY35129-001B	TRIPOD (BASE)		
101C	LY30031-0D4A	SPECIAL SCREW	FRM-TRIP	
104	LY21444-001G	MAIN BKT ASSY		
104A	LY45170-001C	TENSION SPRING		
104B	LY30002-073A	COMPRESSION SPRING		
106	LY35271-004C	LOWER CASE ASSY	A,B,C,D	
106	LY35271-005B	LOWER CASE ASSY	E	
106A	LY45172-001B	STICKER(L)	A	
106A	LY45172-004A	STICKER(L)	B,C,D	
106A	LY45172-005A	STICKER(L)	E	
107	LY21320-003A	GRIP BELT		
108	LY45121-001A	BKT (G.BELT)		
109	LY21431-001B	POWER UNIT		
△ 110	LY35115-001E	REAR COVER ASSY		
110A	LY35137-001A	KNOB (BATT.)		
110B	LY30002-068A	COMPRESSION SPRING		
111	LY35131-001A	KNOB (EJECT)		
112	LY21446-001E	CASS.COVER		
113	LY30032-002A	SPECIAL SCREW	FRM-MECHA(x4)	
114	LY30031-0K7A	SPECIAL SCREW	M.PWB-FRM	
116	LY30031-0H5A	SPECIAL SCREW	FRM-M.BKT(x3)	
117	LY30031-0K7A	SPECIAL SCREW	R.PWB-BKT	
118	LY30031-0L8A	SPECIAL SCREW	POWER UNIT(x3)	
119	LY30031-0H5A	SPECIAL SCREW	LOWER-MBKT(x2)	
120	LY30031-0A3A	SPECIAL SCREW	LOWER-REAR	
121	LY30031-0D4A	SPECIAL SCREW	REAR-M.BKT	
122	LY30031-0D5A	SPECIAL SCREW	REAR-M.BKT	
123	LY30031-0K7A	SPECIAL SCREW	VF-M.BKT	
124	LY30031-0A3A	SPECIAL SCREW	LOWER-VF	
125	LY30031-0H5A	SPECIAL SCREW	CASS.COVER(x4)	
126	LY30031-0D5A	SPECIAL SCREW	FRONT-MBKT(x2)	
127	LY30031-0H5A	SPECIAL SCREW	FRONT-MBKT	
128	LY30031-0D5A	SPECIAL SCREW	UPPER-TRI(x3)	
129	LY30031-0A3A	SPECIAL SCREW	REAR-UPPER(x2)	
130	LY30031-0K7A	SPECIAL SCREW	DV JACK	
131	LY30031-0D5A	SPECIAL SCREW	LOWER-ZOOM	
132	LY30031-0H5A	SPECIAL SCREW	VF-M.BKT	
201	LY35149-001C	COVER (JIG)		
202	LY35150-001A	COVER (ADJ)		
203	LY35138-001B	COVER (JACK)		
△ 300	LY35154-011C	UPPER ASSY	A,B,C,D	
△ 300	LY35154-012C	UPPER ASSY	E	
△ 300	or UU06D111C	UPPER UNIT ASSY	A,B,C,D	
△ 300	or UU06D112C	UPPER UNIT ASSY	E	
301	LY21452-001B	LCD CASE		
302	LY45123-001A	SHEET(M.DIFF)		
303	LY35160-001A	S.CASE (MONI)		
304	LY45125-001A	SHEET(M.REF)		
305	LY35155-010A	MONITOR COVER ASSY	A,B,C,D	
305	LY35155-012A	MONITOR COVER ASSY	E	
305A	LY45126-001B	JVC MARK		
305B	LY45156-007A	STICKER	A,B,C,D	
305B	LY45156-014A	STICKER	E	
306	LY21450-001D	MONITOR CASE		
307	QLD0357-001	LCD MODULE		
308	LY45124-001A	LIGHT GUIDE		
310	LY45152-001A	SHEET(BEF)		
311	LY30031-0K7A	SPECIAL SCREW	MONI.PWB	
312	LY30031-0K7A	SPECIAL SCREW	MONI.CASE(x2)	
313	LY35157-001B	HINGE ASSY		
314	LY35159-001B	HINGE COVER(L)		
315	LY35158-002B	HINGE COVER(U)		
316	LY42355-001A	P.C.MAGNET		
317	QAL0784-001	FPC	MONI-FPC	
318	LY30031-0A3A	SPECIAL SCREW	HINGE	
△ 319	LY21439-006C	UPPER CASE ASSY		
320	LY21432-001C	ZOOM UNIT		
321	QAS0284-002	SPEAKER		
322	LY35146-001A	BRACKET(HINGE)		
323	LY35147-001A	COVER (HINGE)		
326	LY30031-003A	SPECIAL SCREW	ZOOM UNIT(x3)	
328	LY30031-054A	SPECIAL SCREW	MONI HINGE(x2)	

△ Symbol No.	Part No.	Part Name	Description	Local
329	LY30031-0K7A	SPECIAL SCREW	CVR HINGE(x2)	
330	LY30031-003A	SPECIAL SCREW	OPEPWB-UPP(x4)	
331	LY30031-0H5A	SPECIAL SCREW	OPEPWB-BKT	
500	LY35210-005A	FRONT ASSY		
500	or FU06D105A	FRONT UNIT ASSY		
501	LY21447-005A	FRONT COVER		
502	LY35133-002A	HOOD (SCREW)		
503	LY35132-001B	COVER (HOOD)		
504	LY35134-001B	SENSOR HOLDER		
505	LY34598-001A	MIC		
506	LY35135-001A	PLATE (MIC)		
507	LY30031-003A	SPECIAL SCREW	HOOD SCREW(x4)	
508	LY30031-003A	SPECIAL SCREW	PLATE MIC	
509	LY30030-0D3A	SPACER(A)		
601	LY35128-001B	CUSHION (OP)		
602	LY35161-001A	OP BLOCK ASSY		
602A	PTY35161-002	FOCUS MOTOR UNIT		
602B	PTY35161-001	ZOOM MOTOR UNIT		
602C	PTY35161-106	IRIS MOTOR UNIT		
602D	PTY35161-535	SCREW	M1.7 x 3.5(x7)	
603	LYH30655-002A	CCD BASE ASSY		
604	LY45175-001A	SHEET		
605	LY45144-001A	OPTICAL LPF		
606	LY30031-0M3A	SPECIAL SCREW	(x2)	

MECHANISM ASSEMBLY <M2>

△ Symbol No.	Part No.	Part Name	Description	Local
900	YMB0051E	MECHA(B)ASSY		
900A	YMA0051B	MECHA(A)ASSY		
901	LY10525-001F	MAIN DECK ASSY		
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	LY34321-001B	PRESS ARM ASSY		
912	LY21264-001C	GEAR COVER		
913	LY34315-001E	M.BRACKET ASSY		
914	LY34337-001A	CENTER GEAR		
915	LY34336-001A	REEL PULLEY		
916	QAR0338-002	CAPSTAN MOTOR		
917	LY21270-001A	T5 CATCHER		
918	LY21266-001G	GUIDE RAIL ASSY		
919	LY34325-001B	DRIVE ARM ASSY		
920	LY10530-001E	DRUM BASE		
921	LY34326-001E	T.C.PLATE ASSY		
922	LY21271-005A	SLIDE DECK ASSY		
923	LY34345-001A	P.R.ARM ASSY		
924	LY44764-001B	TEN.SPRING(P/R)		
925	LY34348-001A	BRAKE PLATE		
926	LY34349-001D	REEL DISK ASSY		
927	LY34349-002B	REEL DISK ASSY		
928	LY34342-001A	GUIDE PLATE		
929	LY34340-001A	SLIDE GUIDE PLT		
930	LY34229-005A	MINI SCREW		
931	LY34358-001G	S1 ARM ASSY		
932	LY21273-001K	T.ARM ASSY		
933	LY43675-007A	MINI SCREW		
934	LY34355-001B	IDLER ARM ASSY		
935	LY34343-001B	T5 ARM ASSY		
936	LY34341-001B	CASSETTE GUIDE		
937	LY34365-001E	REEL COVER ASSY		
938	LY10531-001K	HOUSING ASSY		
939	LY44734-001B	COMP.SPRING		
940	LY34314-001A	G.ROLLER(S)ASSY		
941	LY45076-001A	TRUSTER SCREW		
982	YDV2104K-CX	DRUM ASSY		
983	LY10599-001A	PROTECTOR		

MODEL	MARK	MODEL	MARK
GR-D320EK	A	GR-D320EZ	D
GR-D320EX	B	GR-D325EG	E
GR-D320EY	C		

Symbol No.	Part No.	Part Name	Description	Local
984	LY34229-001A	MINI SCREW		
995	LY34229-010A	MINI SCREW		
996	LY34676-002A	MOTOR FPC ASSY		
997	LY34318-001A	WORM WHEEL		
998	LY44890-001A	LABEL(HOUSING)		
999	LY34229-006A	MINI SCREW	(x3)	

VF ASSEMBLY <M3>

Symbol No.	Part No.	Part Name	Description	Local
700	LY35117-001A	VF ASSY		
700	or VU06D101A	VF UNIT ASSY		
701	LY21442-001C	HOLDER (LCD)		
702	LY45116-001A	CUSHION (1)		
703	LY45118-001A	SHEET (POLA)	(x2)	
704	LY45119-001A	SHEET (DIFF.)		
705	LY35123-001B	CASE (B.LIGHT)		
706	LY45117-001A	CUSHION (2)		
707	LY35124-001A	STOPPER (POLA)		
708	LY21441-001E	CASE (VF)		
709	LY45114-001A	LENS ASSY		
710	LY35121-001B	LEVER (VF)		
712	LY35118-001C	BRACKET(COVER)		
713	LY21440-001E	COVER (SLIDE)		
714	LY35126-001C	CLICK PLATE		
715	LY35119-001C	EYE CUP		
716	QLD0363-001	LCD MODULE		
718	QAL0783-001	FPC	VF FPC	
719	LY35169-001D	COVER (EYE CUP)		
720	LY35168-001C	KNOB (SWITCH)		
721	LY30031-0H5A	SPECIAL SCREW		
722	LY30031-003A	SPECIAL SCREW	CVREYECUP(x2)	
723	LY30031-057A	SPECIAL SCREW	EYECUP	
724	LY30031-0H5A	SPECIAL SCREW	BKT.COVER	
725	LY30031-0K7A	SPECIAL SCREW	KNOB SW	

PACKING AND ACCESSORY ASSEMBLY <M5>

Symbol No.	Part No.	Part Name	Description	Local
001	LY34452-001A	POLY BAG	DOCUMENT	
△ 002	LYT1508-001A	INST BOOK(GE)	(GERMAN)	E
△ 002	LYT1526-001A	INST BOOK(EN)	(ENGLISH)	A
△ 002	LYT1526-002A	INST BOOK(GE.FR)	(GERMAN/FRENCH)	B
△ 002	LYT1526-003A	INST BOOK(DU.SP)	(DUTCH/SPANISH)	B
△ 002	LYT1526-004A	INST BOOK(IT.PT)	(ITALIAN/PORTUGUESE)	B
△ 002	LYT1526-005A	INST BOOK(GE)	(GERMAN)	C
△ 002	LYT1526-006A	INST BOOK(DA.FI)	(DANISH/FINN)	C
△ 002	LYT1526-007A	INST BOOK(SW.NO)	(SWEDISH/NORWEGIAN)	C
△ 002	LYT1526-008A	INST BOOK(RU.CZ)	(RUSSIAN/CZECH)	D
△ 002	LYT1526-009A	INST BOOK(PO.HU)	(POLISH/HUNGARIAN)	D
004	-----	WARRANTY CARD	BT-54027-1CAM	C,E
009	LYT0194-001B	Q.CARD		A
010	-----	WARRANTY CARD	BT-54027-1CAM	A,B,D
051	LY30023-003A	POLY BAG		
052	LY35151-011A	PACKING CASE		
053	LY35152-001A	CUSHION		
054	LY45161-001A	LABEL		
055	QPA02503505P	POLY BAG	ACC.25cm x 35cm	
056	QAM0508-001	A/V CABLE		
△ 057	LY21104-001E	AC ADAPTER	AP-V14UE	A
△ 057	LY21343-001B	AC ADAPTER	AP-V17E	B,C,D,E
058	LY34194-001B	HOOD CAP ASSY(N)		
△ 059	LY34647-002B	BATTERY PACK	BN-VF707U	
060	LY21397-002A	SHOULDER STRAP		
△ 061	QMPP210-190-JR	POWER CORD(EK)	1.9m BLACK	A

MAIN BOARD ASSEMBLY <01>

Symbol No.	Part No.	Part Name	Description	Local
PW1	LYA10063-05C	MAIN BOARD ASSY		A,B,C
PW1	LYA10063-06C	MAIN BOARD ASSY		D,E
IC1001	MN103SF66RAC	IC(MICRO C ROM)	FLASH(AP)	A,B,C
IC1001	MN103SF66RAD	IC(MICRO C ROM)	FLASH(AP)	D,E
IC1001	or MN103S97NAC	IC(MICRO C ROM)	MP	A,B,C
IC1001	or MN103S97NAD	IC(MICRO C ROM)	MP	D,E
IC1002	MB90099PFV138EX	IC(MICRO C ROM)	OSD	
IC1004	NJU7108F3-X	IC		
IC1004	or TC75S56FU-X	IC		
IC1005	M95320-WDW6-X	IC		
IC1005	or BR25C320FV-W-X	IC		
IC1006	RS5C314-X	IC		
IC1007	S-80823CNNB-G-W	IC		
IC1601	BD6637KV	IC	MDA 64PIN	
IC1701	LM358DR-X	IC	REELAMP5V	
IC1702	LM393DR-X	IC	REELSMT	
IC2201	AK4660VQ	IC	48P0.5	
IC3001	JCY0205-3	IC	PARAGON 2	
IC3004	BH2226FV-X	IC	EVREDAC	
IC3201	JCP8055FP-2	IC		
IC3501	JCY0132	IC		
IC3702	NJM2562F1-X	IC		
IC4201	LY35174-001A	IC	(SERVICE)	
IC4901	LM324PW-X	IC		
IC4902	LM358DR-X	IC		
IC4903	NJM3414AV-X	IC		
IC4904	MM6564XFBE-X	IC		
IC4951	AN41902A	IC		
IC6001	FA7737F	IC		
IC7801	LV4141W-E-X	IC		
Q1001	DTA114EE-X	DIGI TRANSISTOR		
Q1001	or BCR183T-X	DIGI TRANSISTOR		
Q1001	or KRA302E-X	DIGI TRANSISTOR		
Q1001	or RT1P141U-X	DIGI TRANSISTOR		
Q1001	or PDTA114EE-X	DIGI TRANSISTOR		
Q1002	DTA143XE-X	DIGI TRANSISTOR		
Q1003	DTA143XE-X	DIGI TRANSISTOR		
Q1005	DTC143XE-X	DIGI TRANSISTOR		
Q1005	or UN921FJ-X	DIGI TRANSISTOR		
Q1005	or KRC419E-X	DIGI TRANSISTOR		
Q1005	or RT1N432U-X	DIGI TRANSISTOR		
Q1006	2SC4617/QR/-X	TRANSISTOR		
Q1006	or BC847BT-X	TRANSISTOR		
Q1006	or 2SD2216J/QR/-X	TRANSISTOR		
Q1006	or 2SC5383/E/-X	TRANSISTOR		
Q1006	or 2SC4738/YG/-X	TRANSISTOR		
Q1007	DTC124EE-X	DIGI TRANSISTOR		
Q1007	or BCR141T-X	DIGI TRANSISTOR		
Q1007	or KRC403E-X	DIGI TRANSISTOR		
Q1007	or RT1N241U-X	DIGI TRANSISTOR		
Q1007	or PDTC124EE-X	DIGI TRANSISTOR		
Q1601	UMC3N-W	DIGI TRANSISTOR	LD ON	
Q2403	2SC4617/QR/-X	TRANSISTOR		
Q2403	or BC847BT-X	TRANSISTOR		
Q2403	or 2SD2216J/QR/-X	TRANSISTOR		
Q2403	or 2SC5383/E/-X	TRANSISTOR		
Q2403	or 2SC4738/YG/-X	TRANSISTOR		
Q3001	2SC4617/QR/-X	TRANSISTOR	AREG3V	
Q3001	or BC847BT-X	TRANSISTOR	AREG3V	
Q3001	or 2SD2216J/QR/-X	TRANSISTOR	AREG3V	
Q3001	or 2SC5383/E/-X	TRANSISTOR	AREG3V	
Q3001	or 2SC4738/YG/-X	TRANSISTOR	AREG3V	
Q3002	HN1B01FU/G/-X	PAIR TRANSISTOR		
Q3003	HN1B01FU/G/-X	PAIR TRANSISTOR		
Q3703	2SA1774/QR/-X	TRANSISTOR		
Q3703	or BC857BT-X	TRANSISTOR		
Q3703	or 2SA1989/QR/-X	TRANSISTOR		
Q3705	PUMT1-W	PAIR TRANSISTOR		
Q3705	or BC856S-X	PAIR TRANSISTOR		
Q3705	or KTA701U/G/-X	PAIR TRANSISTOR		
Q3705	or RT3AMMM/EF/-X	PAIR TRANSISTOR		
Q3705	or UMT1N-W	PAIR TRANSISTOR		
Q4901	2SC4617/QR/-X	TRANSISTOR		
Q4901	or BC847BT-X	TRANSISTOR		

MODEL	MARK	MODEL	MARK
GR-D320EK	A	GR-D320EZ	D
GR-D320EX	B	GR-D325EG	E
GR-D320EY	C		

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
Q4901	or 2SD2216J/QR/-X	TRANSISTOR			C1003	NDCA1HJ-100W	C CAPACITOR	10pF 50V J	
Q4901	or 2SC5383/E/-X	TRANSISTOR			C1004	NBE20JM-226X	TA E CAPACITOR	22uF 6.3V M	
Q4901	or 2SC4738/YG/-X	TRANSISTOR			C1005	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
Q4951	DTC114EE-X	DIGI TRANSISTOR			C1006	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
Q4951	or UN9211J-X	DIGI TRANSISTOR			C1007	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
Q4951	or RN1102-X	DIGI TRANSISTOR			C1008	NBE20JM-226X	TA E CAPACITOR	22uF 6.3V M	
Q4951	or BCR133T-X	DIGI TRANSISTOR			C1009	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K	
Q4951	or PDTCT114EE-X	DIGI TRANSISTOR			C1013	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K	
Q4981	RPM-22PB	PHOTO TRANSISTOR			C1018	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
Q6101	US5U29-W	MOS FET			C1023	NCBA1EK-682W	C CAPACITOR	6800pF 25V K	
Q6103	RSR025P03-X	MOS FET			C1024	NCBA1EK-682W	C CAPACITOR	6800pF 25V K	
Q6201	US5U29-W	MOS FET			C1025	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K	
Q6301	US5U29-W	MOS FET			C1029	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
Q6401	US5U29-W	MOS FET			C1030	NCFA1AZ-104W	C CAPACITOR	0.1uF 10V Z	
Q6501	RSR025P03-X	MOS FET			C1031	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
Q6505	2SA1774/QR/-X	TRANSISTOR	-VE		C1032	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
Q6505	or BC857BT-X	TRANSISTOR	-VE		C1033	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
Q6505	or 2SA1989/QR/-X	TRANSISTOR	-VE		C1035	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
Q6701	RSR025P03-X	MOS FET			C1036	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
Q6702	RSR025P03-X	MOS FET			C1038	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
Q6703	RSR025P03-X	MOS FET			C1039	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
Q7701	PUMX1-W	PAIR TRANSISTOR			C1040	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
Q7701	or BC847S-X	PAIR TRANSISTOR			C1044	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K	
Q7701	or KTC801U/G/-X	PAIR TRANSISTOR			C1046	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K	
Q7701	or RT3CLLM/EF/-X	PAIR TRANSISTOR			C1051	NCBA1CK-223W	C CAPACITOR	0.022uF 16V K	
Q7701	or UMX1N-W	PAIR TRANSISTOR			C1052	NCBA1CK-223W	C CAPACITOR	0.022uF 16V K	
Q7702	PUMX1-W	PAIR TRANSISTOR			C1053	NCBA1CK-223W	C CAPACITOR	0.022uF 16V K	
Q7702	or BC847S-X	PAIR TRANSISTOR			C1054	NCBA1CK-223W	C CAPACITOR	0.022uF 16V K	
Q7702	or KTC801U/G/-X	PAIR TRANSISTOR			C1055	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
Q7702	or RT3CLLM/EF/-X	PAIR TRANSISTOR			C1601	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K	
Q7702	or UMX1N-W	PAIR TRANSISTOR			C1602	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M	
Q7703	PUMX1-W	PAIR TRANSISTOR			C1603	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M	
Q7703	or BC847S-X	PAIR TRANSISTOR			C1605	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
Q7703	or KTC801U/G/-X	PAIR TRANSISTOR			C1606	NCBA1HK-152W	C CAPACITOR	1500pF 50V K	
Q7703	or RT3CLLM/EF/-X	PAIR TRANSISTOR			C1607	NCBA1CK-473W	C CAPACITOR	0.047uF 16V K	
Q7703	or UMX1N-W	PAIR TRANSISTOR			C1614	NBE21AM-106X	TA E CAPACITOR	10uF 10V M	
Q7704	UMD3N-W	DIGI TRANSISTOR			C1618	NCBA1HK-222W	C CAPACITOR	2200pF 50V K	
Q7704	or XP4311-W	TRANSISTOR			C1619	NCBA1HK-222W	C CAPACITOR	2200pF 50V K	
Q7704	or RT3T11M-X	DIGI TRANSISTOR			C1620	NCBA1HK-222W	C CAPACITOR	2200pF 50V K	
Q7704	or KRX201U-X	DIGI TRANSISTOR			C1621	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
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	LD ON		C1625	NDCA1HJ-101W	C CAPACITOR	100pF 50V J	
D1603	or MA132WA-X	SI DIODE			C1626	NCBA1EK-472W	C CAPACITOR	4700pF 25V K	
D3001	RB551V-30-X	SB DIODE	PHYVDD		C1627	NCBA1EK-472W	C CAPACITOR	4700pF 25V K	
D3001	or KDR412-X	SB DIODE	PHYVDD		C1628	NCB31CK-224X	C CAPACITOR	0.22uF 16V K	
D3002	1SV303-X	VARI CAP DIODE	FS VCO		C1629	NCB21EK-224X	C CAPACITOR	0.22uF 25V K	
D3004	EC2C01C-TR-X	VARI CAP DIODE	MAIN VCO		C1630	NCB21EK-224X	C CAPACITOR	0.22uF 25V K	
D3005	DAN222-X	SI DIODE			C1631	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M	
D3005	or MA132WK-X	SI DIODE			C1632	NCB21CK-474X	C CAPACITOR	0.47uF 16V K	
D3005	or MC2858-X	SI DIODE			C1633	NCB30JK-474X	C CAPACITOR	0.47uF 6.3V K	
D3005	or 1SS361-X	SI DIODE			C1702	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
D4201	1SS355-X	SI DIODE			C2201	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
D4201	or MA111-X	SI DIODE			C2202	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
D4201	or 1SS352-X	SI DIODE			C2203	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
△ D6001	RB715W-X	SB DIODE			C2204	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
D6503	1SS355-X	SI DIODE			C2205	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
D6503	or MA111-X	SI DIODE			C2209	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
D6503	or 1SS352-X	SI DIODE			C2210	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
D6504	1SS355-X	SI DIODE			C2213	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
D6504	or MA111-X	SI DIODE			C2214	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
D6504	or 1SS352-X	SI DIODE			C2217	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
D6505	1SS355-X	SI DIODE			C2218	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
D6505	or MA111-X	SI DIODE			C2223	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
D6505	or 1SS352-X	SI DIODE			C2224	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
D6506	1SS355-X	SI DIODE			C2402	NCJ20JK-106X-D	C CAPACITOR	10uF 6.3V K	
D6506	or MA111-X	SI DIODE			C2403	NCJ20JK-106X-D	C CAPACITOR	10uF 6.3V K	
D6506	or 1SS352-X	SI DIODE			C2404	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M	
D6507	UDZ58.2B-X	Z DIODE			C2405	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
D6701	RB160M-30-X	SB DIODE			C2406	NCJ20JK-106X-D	C CAPACITOR	10uF 6.3V K	
D6703	RB160M-30-X	SB DIODE			C2407	NCJ20JK-106X-D	C CAPACITOR	10uF 6.3V K	
D6801	RB551V-30-X	SB DIODE			C2603	NCBA1CK-223W	C CAPACITOR	0.022uF 16V K	
D6801	or KDR412-X	SB DIODE			C2604	NCBA1CK-223W	C CAPACITOR	0.022uF 16V K	
C1001	NDCA1HJ-5R0W	C CAPACITOR	5pF 50V J		C2605	NCBA1EK-472W	C CAPACITOR	4700pF 25V K	
C1002	NDCA1HJ-5R0W	C CAPACITOR	5pF 50V J		C2606	NCBA1EK-472W	C CAPACITOR	4700pF 25V K	
					C2611	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
					C2612	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	

MODEL	MARK	MODEL	MARK
GR-D320EK	A	GR-D320EZ	D
GR-D320EX	B	GR-D325EG	E
GR-D320EY	C		

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
C2613	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C3522	NCB20JM-475X	C CAPACITOR	4.7uF 6.3V M	
C2623	NDCA1HJ-100W	C CAPACITOR	10pF 50V J		C3523	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K	
C2624	NDCA1HJ-100W	C CAPACITOR	10pF 50V J		C3524	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K	
C2655	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C3525	NCB20JM-475X	C CAPACITOR	4.7uF 6.3V M	
C2656	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C3526	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K	
C3002	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C3527	NDCA1EJ-221W	C CAPACITOR	220pF 25V J	
C3006	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C3701	NCJ20JK-106X-D	C CAPACITOR	10uF 6.3V K	
C3008	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C3710	NBE20GM-226X	TA E CAPACITOR	22uF 4V M	
C3010	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C3712	NBE40GM-107X	TA E CAPACITOR	100uF 4V M	
C3014	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C3715	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K	
C3016	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C3717	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C3017	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C3718	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C3018	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C4201	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C3020	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C4202	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3021	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C4203	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C3022	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C4204	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C3025	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C4205	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C3026	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C4206	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C3029	NCBA1HK-102W	C CAPACITOR	1000pF 50V K		C4208	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C3030	NDCA1HJ-560W	C CAPACITOR	56pF 50V J		C4209	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C3032	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C4210	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3033	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C4211	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C3035	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C4212	NBE20JM-476X	TA E CAPACITOR	47uF 6.3V M	
C3037	NCB31AK-334X	C CAPACITOR	0.33uF 10V K		C4213	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C3039	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C4214	NDCA1HJ-7R0W	C CAPACITOR	7pF 50V J	
C3040	NDCA1EJ-221W	C CAPACITOR	220pF 25V J		C4215	NDCA1HJ-100W	C CAPACITOR	10pF 50V J	
C3046	NCB31CK-224X	C CAPACITOR	0.22uF 16V K		C4216	NCB11CK-475X	C CAPACITOR	4.7uF 16V K	
C3049	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C4217	NBP21CM-106X	TA E CAPACITOR	10uF 16V M	
C3050	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C4218	NCB11CK-475X	C CAPACITOR	4.7uF 16V K	
C3051	NDCA1HJ-470W	C CAPACITOR	47pF 50V J		C4219	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C3052	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C4220	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C3053	NCBA1HK-102W	C CAPACITOR	1000pF 50V K		C4221	NDCA1HJ-100W	C CAPACITOR	10pF 50V J	
C3054	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C4222	NCB11CK-475X	C CAPACITOR	4.7uF 16V K	
C3055	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C4902	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C3058	NCBA1EK-472W	C CAPACITOR	4700pF 25V K		C4903	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3059	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C4905	NDCA1HJ-101W	C CAPACITOR	100pF 50V J	
C3060	NDCA1EJ-271W	C CAPACITOR	270pF 25V J		C4907	NCBA1HK-152W	C CAPACITOR	1500pF 50V K	
C3062	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C4908	NCBA1HK-101W	C CAPACITOR	100pF 50V K	
C3063	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C4909	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3064	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C4910	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C3065	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C4913	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C3067	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C4914	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C3068	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C4915	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C3071	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C4916	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C3072	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C4951	NCJ20JK-106X-D	C CAPACITOR	10uF 6.3V K	
C3073	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C4954	NBE21AM-106X	TA E CAPACITOR	10uF 10V M	
C3078	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C4956	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M	
C3079	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C4981	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C3080	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C4983	NCB31EK-153X	C CAPACITOR	0.015uF 25V K	
C3202	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C4984	NCB31EK-153X	C CAPACITOR	0.015uF 25V K	
C3203	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C4986	NCJ20JK-106X-D	C CAPACITOR	10uF 6.3V K	
C3204	NBE20JM-106X	TA E CAPACITOR	10uF 6.3V M		C6005	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C3205	NBE20JM-476X	TA E CAPACITOR	47uF 6.3V M		C6006	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C3206	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C6007	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C3207	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C6008	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C3210	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C6009	NCB31AK-224X	C CAPACITOR	0.22uF 10V K	
C3212	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C6010	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C3213	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C6011	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C3215	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C6101	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C3216	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C6102	NCJ20JK-106X-D	C CAPACITOR	10uF 6.3V K	
C3504	NCBA1CK-473W	C CAPACITOR	0.047uF 16V K		C6103	NCBA1HK-221W	C CAPACITOR	220pF 50V K	
C3505	NCBA1CK-223W	C CAPACITOR	0.022uF 16V K		C6104	NCBA1HK-681W	C CAPACITOR	680pF 50V K	
C3506	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C6105	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K	
C3507	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C6106	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C3508	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C6107	NCBA1CK-223W	C CAPACITOR	0.022uF 16V K	
C3509	NCJ20JK-106X-D	C CAPACITOR	10uF 6.3V K		C6202	NCJ20JK-106X-D	C CAPACITOR	10uF 6.3V K	
C3510	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C6203	NCBA1HK-102W	C CAPACITOR	1000pF 50V K	
C3511	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C6204	NCBA1HK-221W	C CAPACITOR	220pF 50V K	
C3512	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C6301	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C3513	NCJ20JK-106X-D	C CAPACITOR	10uF 6.3V K		C6302	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C3514	NCBA1CK-473W	C CAPACITOR	0.047uF 16V K		C6303	NCBA1AK-683W	C CAPACITOR	0.068uF 10V K	
C3515	NCBA1CK-473W	C CAPACITOR	0.047uF 16V K		C6305	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K	
C3516	NCBA1CK-473W	C CAPACITOR	0.047uF 16V K		C6402	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C3517	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C6403	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C3518	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C6405	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K	
C3519	NCBA1HK-102W	C CAPACITOR	1000pF 50V K		C6501	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C3520	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		C6502	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C3521	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		C6503	NCB21CK-105X	C CAPACITOR	1uF 16V K	

MODEL	MARK	MODEL	MARK
GR-D320EK	A	GR-D320EZ	D
GR-D320EX	B	GR-D325EG	E
GR-D320EY	C		

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
C6505	NCB21CK-105X	C CAPACITOR	1uF 16V K		R1046	NRSA6AJ-153W	MG RESISTOR	15kΩ 1/16W J	
C6506	NCB21CK-105X	C CAPACITOR	1uF 16V K		R1047	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J	
C6509	NCBA1AK-333W	C CAPACITOR	0.033uF 10V K		R1048	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J	
C6510	NCBA1EK-472W	C CAPACITOR	4700pF 25V K		R1049	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J	
C6511	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		R1050	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J	
C6512	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1051	NRSA6AJ-472W	MG RESISTOR	4.7kΩ 1/16W J	
C6701	NCB21CK-105X	C CAPACITOR	1uF 16V K		R1052	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J	
C6702	NCB41CK-106X	C CAPACITOR	10uF 16V K		R1053	NRSA6AJ-154W	MG RESISTOR	150kΩ 1/16W J	
C6704	NCBA1EK-472W	C CAPACITOR	4700pF 25V K		R1054	NRSA6AJ-272W	MG RESISTOR	2.7kΩ 1/16W J	
C6705	NCBA1CK-103W	C CAPACITOR	0.01uF 16V K		R1055	NRSA6AJ-183W	MG RESISTOR	18kΩ 1/16W J	
C6706	NCBA1HK-221W	C CAPACITOR	220pF 50V K		R1056	NRSA6AJ-473W	MG RESISTOR	47kΩ 1/16W J	
C6707	NCBA1HK-821W	C CAPACITOR	820pF 50V K		R1057	NRSA6AJ-822W	MG RESISTOR	8.2kΩ 1/16W J	
C6802	NCJ20JK-106X-D	C CAPACITOR	10uF 6.3V K		R1059	NRSA6AJ-123W	MG RESISTOR	12kΩ 1/16W J	
C6803	NCBA1HK-102W	C CAPACITOR	1000pF 50V K		R1060	NRSA6AJ-473W	MG RESISTOR	47kΩ 1/16W J	
C6804	NCBA1HK-392W	C CAPACITOR	3900pF 50V K		R1061	NRSA6AJ-393W	MG RESISTOR	39kΩ 1/16W J	
C7701	NBP41EM-475X-B	TA E CAPACITOR	4.7uF 25V M		R1062	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J	
C7702	NCB21EK-104X	C CAPACITOR	0.1uF 25V K		R1063	NRSA6AJ-223W	MG RESISTOR	22kΩ 1/16W J	
C7703	NCB21CK-105X	C CAPACITOR	1uF 16V K		R1066	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J	
C7704	NCB20JK-475X	C CAPACITOR	4.7uF 6.3V K		R1068	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J	
C7705	NCB20JK-475X	C CAPACITOR	4.7uF 6.3V K		R1069	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J	
C7706	NCB20JK-475X	C CAPACITOR	4.7uF 6.3V K		R1070	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J	
C7802	NCBA1EK-682W	C CAPACITOR	6800pF 25V K		R1071	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J	
C7803	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		R1072	NRSA6AJ-332W	MG RESISTOR	3.3kΩ 1/16W J	
C7804	NCBA1AK-104W	C CAPACITOR	0.1uF 10V K		R1073	NRSA6AJ-332W	MG RESISTOR	3.3kΩ 1/16W J	
C7805	NCB21CK-474X	C CAPACITOR	0.47uF 16V K		R1074	NRSA6AJ-332W	MG RESISTOR	3.3kΩ 1/16W J	
C7806	NCB21CK-474X	C CAPACITOR	0.47uF 16V K		R1075	NRSA6AJ-332W	MG RESISTOR	3.3kΩ 1/16W J	
C7807	NCB21CK-474X	C CAPACITOR	0.47uF 16V K		R1076	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J	
C7808	NCB21CK-474X	C CAPACITOR	0.47uF 16V K		R1082	NRSA6AJ-473W	MG RESISTOR	47kΩ 1/16W J	
C7809	NCB11CK-475X	C CAPACITOR	4.7uF 16V K		R1083	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J	
C7811	NCJ20JK-106X-D	C CAPACITOR	10uF 6.3V K		R1085	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J	
C7812	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		R1086	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J	
C7813	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		R1103	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J	
C7814	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1104	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J	
C7815	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1105	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J	
C7816	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R1110	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J	
C7817	NCBA1CK-223W	C CAPACITOR	0.022uF 16V K		R1112	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J	
C7825	NDCA1HJ-470W	C CAPACITOR	47pF 50V J		R1115	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J	
C7826	NDCA1HJ-470W	C CAPACITOR	47pF 50V J		R1116	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J	
					R1122	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J	
R102	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J		R1146	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J	
R104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R1601	NRSA6AJ-681W	MG RESISTOR	680Ω 1/16W J	
R106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R1602	NRSA6AJ-124W	MG RESISTOR	120kΩ 1/16W J	
R1001	NRSA6AJ-105W	MG RESISTOR	1MΩ 1/16W J		R1603	NRSA6AJ-472W	MG RESISTOR	4.7kΩ 1/16W J	
R1002	NRSA6AJ-470W	MG RESISTOR	47Ω 1/16W J		R1604	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J	
R1003	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J		R1610	NRSA6AJ-271W	MG RESISTOR	270Ω 1/16W J	
R1006	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		R1611	NRSA6AJ-271W	MG RESISTOR	270Ω 1/16W J	
R1007	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J		R1612	NRSA6AJ-683W	MG RESISTOR	68kΩ 1/16W J	
R1008	NRSA6AJ-222W	MG RESISTOR	2.2kΩ 1/16W J		R1613	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J	
R1010	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J		R1614	NRZ0072-R330X	MG RESISTOR	0.33Ω 1/4W F	
R1012	NRSA6AJ-823W	MG RESISTOR	82kΩ 1/16W J		R1616	NRVA6AD-392W	CMF RESISTOR	3.9kΩ 1/16W D	
R1013	NRSA6AJ-623W	MG RESISTOR	62kΩ 1/16W J		R1617	NRZ0072-R330X	MG RESISTOR	0.33Ω 1/4W F	
R1014	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J		R1620	NRSA6AJ-683W	MG RESISTOR	68kΩ 1/16W J	
R1015	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J		R1621	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J	
R1016	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J		R1622	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J	
R1017	NRSA6AJ-105W	MG RESISTOR	1MΩ 1/16W J		R1624	NRVA6AD-183W	CMF RESISTOR	18kΩ 1/16W D	
R1019	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J		R1625	NRVA6AD-681W	CMF RESISTOR	680Ω 1/16W D	
R1020	NRSA6AJ-753W	MG RESISTOR	75kΩ 1/16W J		R1629	NRSA6AJ-564W	MG RESISTOR	560kΩ 1/16W J	
R1021	NRSA6AJ-334W	MG RESISTOR	330kΩ 1/16W J		R1635	NRSA6AJ-332W	MG RESISTOR	3.3kΩ 1/16W J	
R1022	NRSA6AJ-332W	MG RESISTOR	3.3kΩ 1/16W J		R1636	NRSA6AJ-123W	MG RESISTOR	12kΩ 1/16W J	
R1023	NRSA6AJ-332W	MG RESISTOR	3.3kΩ 1/16W J		R1637	NRSA6AJ-154W	MG RESISTOR	150kΩ 1/16W J	
R1024	NRSA6AJ-332W	MG RESISTOR	3.3kΩ 1/16W J		R1701	NRSA6AJ-823W	MG RESISTOR	82kΩ 1/16W J	
R1026	NRSA6AJ-473W	MG RESISTOR	47kΩ 1/16W J		R1702	NRSA6AJ-222W	MG RESISTOR	2.2kΩ 1/16W J	
R1027	NRSA6AJ-473W	MG RESISTOR	47kΩ 1/16W J		R1703	NRSA6AJ-222W	MG RESISTOR	2.2kΩ 1/16W J	
R1028	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J		R1704	NRSA6AJ-222W	MG RESISTOR	2.2kΩ 1/16W J	
R1029	NRSA6AJ-152W	MG RESISTOR	1.5kΩ 1/16W J		R1705	NRSA6AJ-222W	MG RESISTOR	2.2kΩ 1/16W J	
R1030	NRSA6AJ-273W	MG RESISTOR	27kΩ 1/16W J		R1706	NRSA6AJ-823W	MG RESISTOR	82kΩ 1/16W J	
R1031	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J		R1707	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J	
R1032	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J		R1708	NRSA6AJ-124W	MG RESISTOR	120kΩ 1/16W J	
R1033	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J		R1709	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J	
R1034	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J		R1710	NRSA6AJ-124W	MG RESISTOR	120kΩ 1/16W J	
R1036	NRSA6AJ-473W	MG RESISTOR	47kΩ 1/16W J		R1711	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J	
R1037	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J		R1712	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J	
R1038	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J		R2201	NRSA6AJ-474W	MG RESISTOR	470kΩ 1/16W J	
R1040	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J		R2202	NRSA6AJ-564W	MG RESISTOR	560kΩ 1/16W J	
R1041	NRSA6AJ-561W	MG RESISTOR	560Ω 1/16W J		R2203	NRSA6AJ-393W	MG RESISTOR	39kΩ 1/16W J	
R1042	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J		R2204	NRSA6AJ-154W	MG RESISTOR	150kΩ 1/16W J	
R1044	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J		R2206	NRSA6AJ-563W	MG RESISTOR	56kΩ 1/16W J	
R1045	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J		R2207	NRSA6AJ-563W	MG RESISTOR	56kΩ 1/16W J	

MODEL	MARK	MODEL	MARK
GR-D320EK	A	GR-D320EZ	D
GR-D320EX	B	GR-D325EG	E
GR-D320EY	C		

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
R2208	NRSA6AJ-223W	MG RESISTOR	22kΩ 1/16W J		R3701	NRSA6AD-151W	MG RESISTOR	150Ω 1/16W D	
R2209	NRSA6AJ-223W	MG RESISTOR	22kΩ 1/16W J		R3708	NRSA6AD-680W	MG RESISTOR	68Ω 1/16W D	
R2210	NRSA6AJ-821W	MG RESISTOR	820Ω 1/16W J		R3719	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J	
R2211	NRSA6AJ-821W	MG RESISTOR	820Ω 1/16W J		R3722	NRSA6AD-151W	MG RESISTOR	150Ω 1/16W D	
R2212	NRSA6AJ-2R7W	MG RESISTOR	2.7Ω 1/16W J		R3724	NRSA6AJ-472W	MG RESISTOR	4.7kΩ 1/16W J	
R2213	NRSA6AJ-2R7W	MG RESISTOR	2.7Ω 1/16W J		R3725	NRSA6AD-151W	MG RESISTOR	150Ω 1/16W D	
R2217	NRSA6AJ-100W	MG RESISTOR	10Ω 1/16W J		R3726	NRSA6AJ-472W	MG RESISTOR	4.7kΩ 1/16W J	
R2402	NRSA6AJ-472W	MG RESISTOR	4.7kΩ 1/16W J		R3727	NRSA6AJ-472W	MG RESISTOR	4.7kΩ 1/16W J	
R2403	NRSA6AJ-183W	MG RESISTOR	18kΩ 1/16W J		R3728	NRSA6AD-151W	MG RESISTOR	150Ω 1/16W D	
R2407	NRSA6AJ-100W	MG RESISTOR	10Ω 1/16W J		R4201	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J	
R2601	NRSA6AJ-222W	MG RESISTOR	2.2kΩ 1/16W J		R4202	NRSA6AJ-105W	MG RESISTOR	1MΩ 1/16W J	
R2602	NRSA6AJ-222W	MG RESISTOR	2.2kΩ 1/16W J		R4204	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J	
R2607	NRSA6AJ-222W	MG RESISTOR	2.2kΩ 1/16W J		R4205	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J	
R2608	NRSA6AJ-222W	MG RESISTOR	2.2kΩ 1/16W J		R4206	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J	
R2609	NRSA6AJ-223W	MG RESISTOR	22kΩ 1/16W J		R4207	NRSA6AJ-101W	MG RESISTOR	100Ω 1/16W J	
R2610	NRSA6AJ-223W	MG RESISTOR	22kΩ 1/16W J		R4208	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J	
R3001	NRSA6AJ-222W	MG RESISTOR	2.2kΩ 1/16W J		R4209	NRSA6AJ-105W	MG RESISTOR	1MΩ 1/16W J	
R3002	NRSA6AJ-222W	MG RESISTOR	2.2kΩ 1/16W J		R4210	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J	
R3004	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J		R4211	NRSA6AJ-101W	MG RESISTOR	100Ω 1/16W J	
R3005	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J		R4212	NRSA6AJ-101W	MG RESISTOR	100Ω 1/16W J	
R3006	NRSA6AJ-222W	MG RESISTOR	2.2kΩ 1/16W J		R4213	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J	
R3008	NRSA6AJ-224W	MG RESISTOR	220kΩ 1/16W J		R4214	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J	
R3011	NRSA6AJ-332W	MG RESISTOR	3.3kΩ 1/16W J		R4215	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J	
R3012	NRSA6AJ-821W	MG RESISTOR	820Ω 1/16W J		R4216	NRSA6AJ-101W	MG RESISTOR	100Ω 1/16W J	
R3013	NRSA6AJ-332W	MG RESISTOR	3.3kΩ 1/16W J		R4901	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J	
R3014	NRSA6AJ-821W	MG RESISTOR	820Ω 1/16W J		R4902	NRSA6AJ-124W	MG RESISTOR	120kΩ 1/16W J	
R3021	NRSA6AJ-822W	MG RESISTOR	8.2kΩ 1/16W J		R4903	NRSA6AJ-223W	MG RESISTOR	22kΩ 1/16W J	
R3022	NRSA6AJ-822W	MG RESISTOR	8.2kΩ 1/16W J		R4904	NRSA6AJ-331W	MG RESISTOR	330Ω 1/16W J	
R3025	NRSA6AJ-121W	MG RESISTOR	120Ω 1/16W J		R4905	NRSA6AJ-105W	MG RESISTOR	1MΩ 1/16W J	
R3026	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J		R4906	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J	
R3029	NRSA6AJ-224W	MG RESISTOR	220kΩ 1/16W J		R4907	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J	
R3030	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J		R4908	NRSA6AJ-472W	MG RESISTOR	4.7kΩ 1/16W J	
R3032	NRSA6AJ-392W	MG RESISTOR	3.9kΩ 1/16W J		R4909	NRVA63D-104X	CMF RESISTOR	100kΩ 1/16W D	
R3033	NRSA6AJ-392W	MG RESISTOR	3.9kΩ 1/16W J		R4910	NRSA6AJ-105W	MG RESISTOR	1MΩ 1/16W J	
R3034	NRSA6AD-560W	MG RESISTOR	56Ω 1/16W D		R4911	NRSA6AJ-243W	MG RESISTOR	24kΩ 1/16W J	
R3035	NRSA6AD-560W	MG RESISTOR	56Ω 1/16W D		R4914	NRSA6AJ-472W	MG RESISTOR	4.7kΩ 1/16W J	
R3036	NRSA6AD-560W	MG RESISTOR	56Ω 1/16W D		R4915	NRSA6AJ-683W	MG RESISTOR	68kΩ 1/16W J	
R3037	NRSA6AD-560W	MG RESISTOR	56Ω 1/16W D		R4917	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J	
R3038	NRSA6AD-512W	MG RESISTOR	5.1kΩ 1/16W D		R4918	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J	
R3040	NRSA6AJ-242W	MG RESISTOR	2.4kΩ 1/16W J		R4919	NRSA6AJ-393W	MG RESISTOR	39kΩ 1/16W J	
R3051	NRSA6AJ-101W	MG RESISTOR	100Ω 1/16W J		R4921	NRSA6AJ-334W	MG RESISTOR	330kΩ 1/16W J	
R3056	NRSA6AJ-683W	MG RESISTOR	68kΩ 1/16W J		R4922	NRSA6AJ-274W	MG RESISTOR	270kΩ 1/16W J	
R3057	NRSA6AJ-683W	MG RESISTOR	68kΩ 1/16W J		R4923	NRSA6AJ-333W	MG RESISTOR	33kΩ 1/16W J	
R3060	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J		R4924	NRSA6AJ-273W	MG RESISTOR	27kΩ 1/16W J	
R3078	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J		R4930	NRSA6AJ-182W	MG RESISTOR	1.8kΩ 1/16W J	
R3090	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J		R4931	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J	
R3093	NRSA6AJ-822W	MG RESISTOR	8.2kΩ 1/16W J		R4932	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J	
R3094	NRSA6AJ-563W	MG RESISTOR	56kΩ 1/16W J		R4933	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J	
R3095	NRSA6AJ-563W	MG RESISTOR	56kΩ 1/16W J		R4934	NRSA6AJ-823W	MG RESISTOR	82kΩ 1/16W J	
R3096	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J		R4935	NRSA6AJ-564W	MG RESISTOR	560kΩ 1/16W J	
R3097	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J		R4936	NRSA6AJ-333W	MG RESISTOR	33kΩ 1/16W J	
R3098	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J		R4937	NRSA6AJ-122W	MG RESISTOR	1.2kΩ 1/16W J	
R3099	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J		R4938	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J	
R3100	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J		R4951	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J	
R3101	NRVA6AD-393W	CMF RESISTOR	39kΩ 1/16W D		R4952	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J	
R3102	NRVA6AD-103W	CMF RESISTOR	10kΩ 1/16W D		R4953	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J	
R3103	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J		R4954	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J	
R3104	NRVA6AD-183W	CMF RESISTOR	18kΩ 1/16W D		R4955	NRSA6AJ-101W	MG RESISTOR	100Ω 1/16W J	
R3105	NRVA6AD-103W	CMF RESISTOR	10kΩ 1/16W D		R4956	NRSA6AJ-4R7W	MG RESISTOR	4.7Ω 1/16W J	
R3106	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J		R4957	NRSA6AJ-4R7W	MG RESISTOR	4.7Ω 1/16W J	
R3201	NRSA6AJ-101W	MG RESISTOR	100Ω 1/16W J		R4959	NRSA6AJ-4R7W	MG RESISTOR	4.7Ω 1/16W J	
R3202	NRSA6AD-273W	MG RESISTOR	27kΩ 1/16W D		R4960	NRSA6AJ-4R7W	MG RESISTOR	4.7Ω 1/16W J	
R3203	NRSA6AD-153W	MG RESISTOR	15kΩ 1/16W D		R4961	NRSA6AJ-271W	MG RESISTOR	270Ω 1/16W J	
R3204	NRSA6AD-821W	MG RESISTOR	820Ω 1/16W D		R4970	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3208	NRSA6AD-821W	MG RESISTOR	820Ω 1/16W D		R4981	NRSA6AJ-182W	MG RESISTOR	1.8kΩ 1/16W J	
R3501	NRSA6AJ-471W	MG RESISTOR	470Ω 1/16W J		R4982	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J	
R3502	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J		R4983	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J	
R3503	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J		R4984	NRSA6AJ-684W	MG RESISTOR	680kΩ 1/16W J	
R3504	NRSA6AD-241W	MG RESISTOR	240Ω 1/16W D		R4985	NRSA6AJ-222W	MG RESISTOR	2.2kΩ 1/16W J	
R3505	NRSA6AD-241W	MG RESISTOR	240Ω 1/16W D		R4986	NRSA6AJ-824W	MG RESISTOR	820kΩ 1/16W J	
R3506	NRSA6AD-241W	MG RESISTOR	240Ω 1/16W D		R4987	NRSA6AJ-822W	MG RESISTOR	8.2kΩ 1/16W J	
R3507	NRSA6AD-241W	MG RESISTOR	240Ω 1/16W D		R4988	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J	
R3508	NRSA6AJ-223W	MG RESISTOR	22kΩ 1/16W J		R4989	NRSA6AJ-683W	MG RESISTOR	68kΩ 1/16W J	
R3516	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J		R4990	NRSA6AJ-302W	MG RESISTOR	3kΩ 1/16W J	
R3517	NRSA6AJ-563W	MG RESISTOR	56kΩ 1/16W J		R6001	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J	
R3518	NRSA6AJ-622W	MG RESISTOR	6.2kΩ 1/16W J		R6005	NRVA6AD-303W	CMF RESISTOR	30kΩ 1/16W D	
R3519	NRSA6AJ-303W	MG RESISTOR	30kΩ 1/16W J		R6006	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J	
R3520	NRSA6AJ-272W	MG RESISTOR	2.7kΩ 1/16W J		R6008	NRVA6AD-823W	CMF RESISTOR	82kΩ 1/16W D	

MODEL	MARK	MODEL	MARK
GR-D320EK	A	GR-D320EZ	D
GR-D320EX	B	GR-D325EG	E
GR-D320EY	C		

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
R6009	NRVA6AD-333W	CMF RESISTOR	33kΩ 1/16W D		L2601	NQR0599-001X	FERRITE BEADS		
△ R6010	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J		L2602	NQR0599-001X	FERRITE BEADS		
R6103	NRSA6AJ-822W	MG RESISTOR	8.2kΩ 1/16W J		L2603	NQR0599-001X	FERRITE BEADS		
R6104	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J		L3001	NQR0599-001X	FERRITE BEADS		
R6105	NRSA6AJ-123W	MG RESISTOR	12kΩ 1/16W J		L3003	NQR0599-001X	FERRITE BEADS		
R6106	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J		L3004	NQR0599-001X	FERRITE BEADS		
R6107	NRSA6AD-243W	MG RESISTOR	24kΩ 1/16W D		L3005	NQR0599-001X	FERRITE BEADS		
R6108	NRSA6AD-363W	MG RESISTOR	36kΩ 1/16W D		L3007	NQR0599-001X	FERRITE BEADS		
R6110	NRSA6AJ-332W	MG RESISTOR	3.3kΩ 1/16W J		L3009	NQR0599-001X	FERRITE BEADS		
R6203	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J		L3010	NQL085J-100X	COIL	10uH J	
R6204	NRSA6AJ-822W	MG RESISTOR	8.2kΩ 1/16W J		L3012	NQL085J-2R7X	COIL	2.7uH J	
R6303	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J		L3013	NQL38DK-100X	P COIL	10uH K	
R6304	NRSA6AJ-123W	MG RESISTOR	12kΩ 1/16W J		L3201	NQR0599-001X	FERRITE BEADS		
R6305	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J		L3202	NQR0599-001X	FERRITE BEADS		
R6403	NRSA6AJ-273W	MG RESISTOR	27kΩ 1/16W J		L3203	NQR0599-001X	FERRITE BEADS		
R6404	NRSA6AJ-473W	MG RESISTOR	47kΩ 1/16W J		L3204	NQL38DK-100X	P COIL	10uH K	
R6512	NRSA6AJ-473W	MG RESISTOR	47kΩ 1/16W J		L3501	NQR0599-001X	FERRITE BEADS		
R6513	NRSA6AJ-273W	MG RESISTOR	27kΩ 1/16W J		L3502	NQLC32M-100X	COIL	10uH M	
R6514	NRSA6AJ-682W	MG RESISTOR	6.8kΩ 1/16W J		L3503	NQR0599-001X	FERRITE BEADS		
R6515	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J		L3701	NQL38DK-100X	P COIL	10uH K	
R6516	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J		L4201	NQL38DK-100X	P COIL	10uH K	
R6519	NRSA6AJ-154W	MG RESISTOR	150kΩ 1/16W J		L4202	NQL315K-220X	COIL	22uH K	
R6702	NRV142F-R20X	CMF RESISTOR	0.2Ω 1/4W F		L4203	NQL315K-220X	COIL	22uH K	
R6704	NRSA6AJ-105W	MG RESISTOR	1MΩ 1/16W J		L4204	NQL315K-220X	COIL	22uH K	
R6705	NRSA6AJ-105W	MG RESISTOR	1MΩ 1/16W J		L4205	NQR0006-001X	FERRITE BEADS		
R6708	NRSA6AJ-153W	MG RESISTOR	15kΩ 1/16W J		L4901	NQR0599-001X	FERRITE BEADS		
R6709	NRSA6AJ-114W	MG RESISTOR	110kΩ 1/16W J		L4954	NQL38DK-100X	P COIL	10uH K	
R6710	NRSA6AJ-124W	MG RESISTOR	120kΩ 1/16W J		L4955	NQL38DK-100X	P COIL	10uH K	
R6712	NRSA6AJ-561W	MG RESISTOR	560Ω 1/16W J		L6101	NQL87EN-390X	COIL	39uH N	
R6713	NRSA6AJ-104W	MG RESISTOR	100kΩ 1/16W J		L6201	NQL87EN-390X	COIL	39uH N	
R6714	NRSA6AJ-471W	MG RESISTOR	470Ω 1/16W J		L6301	NQL62EM-470X	COIL	47uH M	
R6715	NRSA6AD-472W	MG RESISTOR	4.7kΩ 1/16W D		L6401	NQL62EM-470X	COIL	47uH M	
R6716	NRSA6AJ-822W	MG RESISTOR	8.2kΩ 1/16W J		△ L6501	NQL52EM-221X	COIL	220uH M	
R6717	NRSA6AD-183W	MG RESISTOR	18kΩ 1/16W D		L6502	NQL38DK-100X	P COIL	10uH K	
R6718	NRSA6AJ-0R0W	MG RESISTOR	0Ω 1/16W J		L6701	NQL52EM-390X	COIL	39uH M	
R6719	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		L6702	NQL79GM-220X	COIL	22uH M	
R6802	NRSA6AJ-472W	MG RESISTOR	4.7kΩ 1/16W J		L6801	NQL79GM-470X	COIL	47uH M	
R6803	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J		L7701	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R7701	NRSA6AD-223W	MG RESISTOR	22kΩ 1/16W D		L7801	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7702	NRSA6AD-822W	MG RESISTOR	8.2kΩ 1/16W D		L7802	NQR0599-001X	FERRITE BEADS		
R7703	NRSA6AD-123W	MG RESISTOR	12kΩ 1/16W D		L7803	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	
R7704	NRSA6AD-123W	MG RESISTOR	12kΩ 1/16W D		CN101	QGF0508F3-32X	CONNECTOR	REAR FFC/FPC (1-32)	
R7705	NRSA6AD-123W	MG RESISTOR	12kΩ 1/16W D		CN102	QGB0519J1-20X	CONNECTOR	JIG CN B-B (1-20)	
R7706	NRSA6AD-222W	MG RESISTOR	2.2kΩ 1/16W D		CN103	QGF0549C2-30W	CONNECTOR	OPE FFC/FPC (1-30)	
R7707	NRSA6AD-222W	MG RESISTOR	2.2kΩ 1/16W D		CN1601	QGF0543F3-08X	CONNECTOR	LM/ENC FFC/FPC (1-8)	
R7708	NRSA6AD-222W	MG RESISTOR	2.2kΩ 1/16W D		CN1602	QGF0543F3-11X	CONNECTOR	DRUM FFC/FPC (1-11)	
R7709	NRSA6AD-222W	MG RESISTOR	2.2kΩ 1/16W D		CN1603	QGF0543F3-18X	CONNECTOR	CAPSTA FFC/FPC (1-18)	
R7710	NRSA6AD-222W	MG RESISTOR	2.2kΩ 1/16W D		CN1604	QGF0543F3-16X	CONNECTOR	SENSOR FFC/FPC (1-16)	
R7711	NRSA6AD-222W	MG RESISTOR	2.2kΩ 1/16W D		CN2601	QGA1001F1-04X	CONNECTOR	MIC W-B (1-4)	
R7712	NRSA6AJ-682W	MG RESISTOR	6.8kΩ 1/16W J		CN3501	QGF0543F3-08X	CONNECTOR	HEAD FFC/FPC (1-8)	
R7713	NRSA6AJ-682W	MG RESISTOR	6.8kΩ 1/16W J		CN4201	QGF0549C2-20W	CONNECTOR	CCD FFC/FPC (1-20)	
R7714	NRSA6AJ-682W	MG RESISTOR	6.8kΩ 1/16W J		CN4901	QGF0549C2-26W	CONNECTOR	OP FFC/FPC (1-26)	
R7802	NRSA6AJ-103W	MG RESISTOR	10kΩ 1/16W J		CN7801	QGF0549C2-24W	CONNECTOR	VF FFC/FPC (1-24)	
R7803	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J		△ F1601	NMFZ007-R20X-K	FUSE	0.2A 50V	
R7804	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J		△ F1602	NMFZ007-R50X-K	FUSE	0.5A 50V	
R7805	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J		△ F6001	NMFZ007-2R5X-K	FUSE	2.5A 24V	
R7806	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J		J101	QNA0040-001	DC JACK	DCJACK	
R7807	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J		J102	QNZ0822-001	D CONNECTOR	DVJACK	
R7808	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J		X1001	NAX0645-001X	CRYSTAL		
R7809	NRSA6AJ-681W	MG RESISTOR	680Ω 1/16W J		X1002	NAX0564-001X	CRYSTAL	32.768kHz	
R7810	NRSA6AJ-681W	MG RESISTOR	680Ω 1/16W J		X4201	NAX0804-001X	CRYSTAL		
R7811	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J						
R7812	NRSA6AJ-102W	MG RESISTOR	1kΩ 1/16W J						
RA1001	NRZ0034-473W	NET RESISTOR	47kΩ 1/32W J						
RA1002	NRZ0034-104W	NET RESISTOR	100kΩ 1/32W J						
RA1003	NRZ0034-104W	NET RESISTOR	100kΩ 1/32W J						
RA1004	NRZ0034-104W	NET RESISTOR	100kΩ 1/32W J						
RA1005	NRZ0034-104W	NET RESISTOR	100kΩ 1/32W J						
RA1006	NRZ0034-102W	NET RESISTOR	1kΩ 1/32W J						
RA1007	NRZ0034-102W	NET RESISTOR	1kΩ 1/32W J						
RA4201	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J						
RA4202	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J						
L1001	NQLC32M-100X	COIL	10uH M						
L1601	NQLC32M-100X	COIL	10uH M						
L2401	NQLC32M-100X	COIL	10uH M						
L2402	NQLC32M-100X	COIL	10uH M						
L2403	NQLC32M-100X	COIL	10uH M						

CCD BOARD ASSEMBLY <02>

△ Symbol No.	Part No.	Part Name	Description	Local
PW1	LYA20025-01B	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	

MODEL	MARK	MODEL	MARK
GR-D320EK	A	GR-D320EZ	D
GR-D320EX	B	GR-D325EG	E
GR-D320EY	C		

△ Symbol No.	Part No.	Part Name	Description	Local
C5006	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C5007	NCB31EK-222X	C CAPACITOR	2200pF 25V K	
R5001	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
L5001	NQL315K-100X	COIL	10uH K	
L5002	NQL315K-100X	COIL	10uH K	

REAR BOARD ASSEMBLY <03>

△ Symbol No.	Part No.	Part Name	Description	Local
PW1	LYA20024-01C	REAR BOARD ASSY		
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	
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	
R511	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R514	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L501	NQR0251-004X	FERRITE BEADS		
L502	NQR0251-004X	FERRITE BEADS		
L504	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
△ BT501	QAB0025-001	LITHIUM BATTERY	CR2032/1F4 3V 220mAh	
BT502	LY35060-001B	BATT.TERM.UNIT		
CN502	QGF0534F3-07X	CONNECTOR	TO POWER FFC/FPC (1-7)	
CN504	QGF0508F3-32X	CONNECTOR	TO MAIN/S3 FFC/FPC (1-32)	
J501	QNS0264-001	3.5 JACK	AVJACK	
S501	NSW0162-001X	DETECT SWITCH	EJECT	
WR1	QUQK05-32X4BA-E	FFC WIRE	REAR FFC 32pin 4.5cm	

OPE BOARD ASSEMBLY <04>

△ Symbol No.	Part No.	Part Name	Description	Local
PW1	LYA20026-01C	OPE BOARD ASSY		
R401	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R402	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R405	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R406	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
CN401	QGF0543F3-30X	CONNECTOR	TO MAIN FFC/FPC (1-30)	
CN402	QGF0528F4-18X	CONNECTOR	TO MONITOR FFC/FPC (1-18)	
CN403	QGF0534F3-08X	CONNECTOR	TO ZOOM FFC/FPC (1-8)	
CN404	QGA1001F1-02X	CONNECTOR	TO SPK W-B (1-2)	
S401	NSW0225-001X	DETECT SWITCH	MONI SW	
S402	NSW0198-001X	TACT SWITCH	SET_SW	
S404	NSW0198-001X	TACT SWITCH	MENU	
S405	NSW0198-001X	TACT SWITCH	WIDE	
S407	NSW0198-001X	TACT SWITCH	STOP	
S408	NSW0198-001X	TACT SWITCH	REW	
S409	NSW0198-001X	TACT SWITCH	FF	
S410	NSW0198-001X	TACT SWITCH	PLAY	
OT1	LY30035-008A	SPACER(A)		
WR1	QUQK05-3005AA-E	FFC WIRE	OPE FFC 30pin 5cm	

MONITOR BOARD ASSEMBLY <05>

△ Symbol No.	Part No.	Part Name	Description	Local
PW1	LYA20023-02A	MONITOR BOARD ASSY		
IC7601	DN8797MS-X	IC		
Q7601	PUMX1-W	PAIR TRANSISTOR		
Q7601	or BC847S-X	PAIR TRANSISTOR		
Q7601	or KTC801U/G/-X	PAIR TRANSISTOR		
Q7601	or RT3CLLM/EF/-X	PAIR TRANSISTOR		
Q7601	or UMX1N-W	PAIR TRANSISTOR		
Q7602	PUMX1-W	PAIR TRANSISTOR		
Q7602	or BC847S-X	PAIR TRANSISTOR		
Q7602	or KTC801U/G/-X	PAIR TRANSISTOR		
Q7602	or RT3CLLM/EF/-X	PAIR TRANSISTOR		
Q7602	or UMX1N-W	PAIR TRANSISTOR		
D7601	RB521S-30-X	SB DIODE		
D7601	or KDR720E-X	SB DIODE		
D7602	RB521S-30-X	SB DIODE		
D7602	or KDR720E-X	SB DIODE		
D7603	RB521S-30-X	SB DIODE		
D7603	or KDR720E-X	SB DIODE		
D7604	RB521S-30-X	SB DIODE		
D7604	or KDR720E-X	SB DIODE		
D7605	NSSW008C/T052-X	LED	LED	
D7606	NSSW008C/T052-X	LED	LED	
D7607	NSSW008C/T052-X	LED	LED	
C7601	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C7602	NCB31CK-224X	C CAPACITOR	0.22uF 16V K	
C7603	NCB31EK-153X	C CAPACITOR	0.015uF 25V K	
C7606	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C7607	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C7608	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C7609	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C7610	NCB11EK-105X	C CAPACITOR	1uF 25V K	
C7611	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C7612	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C7613	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C7614	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C7615	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C7622	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C7623	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C7624	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C7625	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
R7601	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R7602	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7604	NRSA63D-223X	MG RESISTOR	22kΩ 1/16W D	
R7605	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7606	NRSA63J-106X	MG RESISTOR	10MΩ 1/16W J	
R7609	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7610	NRSA63D-912X	MG RESISTOR	9.1kΩ 1/16W D	
R7611	NRSA63D-912X	MG RESISTOR	9.1kΩ 1/16W D	
R7612	NRSA63D-912X	MG RESISTOR	9.1kΩ 1/16W D	
R7613	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R7614	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R7615	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R7616	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R7617	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R7618	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R7619	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R7620	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
L7602	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L7603	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L7604	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
CN7601	QGF0312F1-21W	CONNECTOR	TO OPE	
CN7602	QGF0528F4-40X	CONNECTOR	FFC/FPC (1-40)	
WR1	QAL0785-001	FFC		

MODEL	MARK	MODEL	MARK
GR-D320EK	A	GR-D320EZ	D
GR-D320EX	B	GR-D325EG	E
GR-D320EY	C		

VF BOARD ASSEMBLY <06>

△ Symbol No.	Part No.	Part Name	Description	Local
PW1	LYA20027-01B	VF BOARD ASSY		
Q7001	PUMX1-W	PAIR TRANSISTOR		
Q7001	or BC847S-X	PAIR TRANSISTOR		
Q7001	or KTC801U/G/-X	PAIR TRANSISTOR		
Q7001	or RT3CLLM/EF/-X	PAIR TRANSISTOR		
Q7001	or UMX1N-W	PAIR TRANSISTOR		
D7001	E1S35AW0C501-X	LED		
D7002	UDZS5.1B-X	Z DIODE		
C7001	NCB21CK-105X	C CAPACITOR	1uF 16V K	
C7002	NCB21CK-474X	C CAPACITOR	0.47uF 16V K	
R7001	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R7002	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R7003	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
CN7001	QGF0543F3-23X	CONNECTOR	TO MAIN	
CN7002	QGF0543F3-22X	CONNECTOR	TO VF LCD	
S7001	NSW0271-001X	DETECT SWITCH	VF SW	