JVC

PARTS LIST

CD RECEIVER

KD-HDR40J

■ PRECAUTIONS ON SCHEMATIC DIAGRAMS

- Due to the improvement in performance, some part numbers shown in the circuit diagrams may not agree with those indicated in the Parts List.
- The parts numbers, values and rated voltage etc. in the Schematic Diagrams are for reference only.
- Since the circuit diagrams are standard ones, the circuits and circuit constants may be subject to change for improvement without any notice.

■ PRECAUTIONS ON PARTS LIST

- The parts identified by the ⚠ symbol are critical for safety. Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines --- in the Parts No. columns will not be supplied.
- P.W. BOARD Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.
- When ordering chips, screws etc., place bulk orders (unit of tens) whenever possible to improve shipping efficiency.
- There are cases where the actual implemented parts in the sets and the service parts are different. When ordering parts, make sure to refer to the Parts List.

■ PRECAUTIONS ON SERVICE

Certain parts of the power circuits and the GNDs differ according to the models. Care must be taken for the following points as the differences are indicated separately in the LIVE GND (⏚) and the ISOLATED (NEUTRAL) GND (⊥).

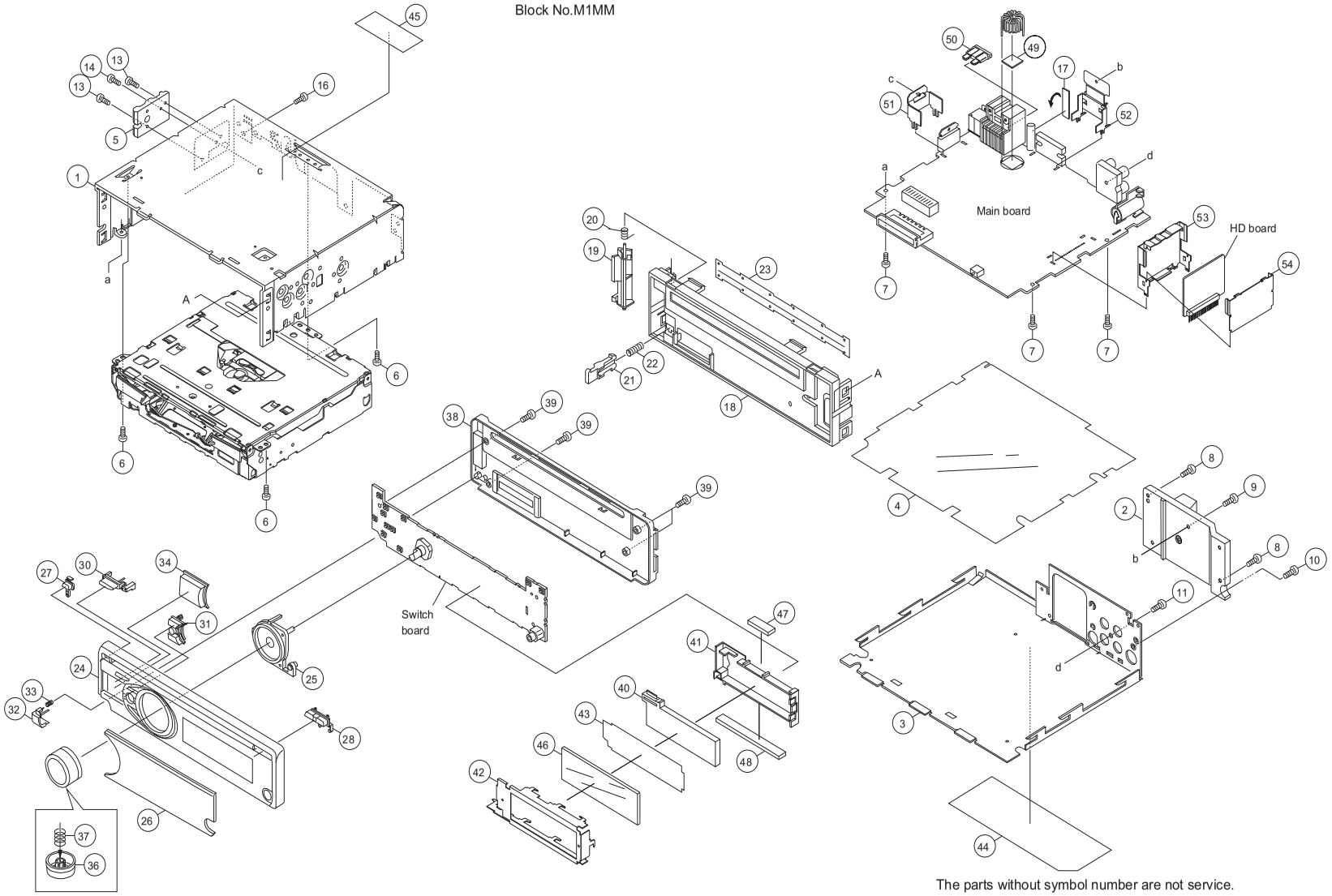
1. Do not touch the LIVE GND, or do not touch the LIVE GND and the ISOLATED (NEUTRAL) GND at the same time. It may cause an electric shock.
   Before pulling out the chassis or other parts, make sure to pull out the power cord from the wall outlet first.
2. Do not short circuit between the LIVE GND and ISOLATED (NEUTRAL) GND, or never measure the LIVE GND and ISOLATED (NEUTRAL) GND at the same time using measuring instruments (oscilloscope, etc.). It may blow fuses or damage other parts.

■ DEVIATION TOLERANCE RANGE

DEVIATION TOLERANCE RANGE									
F	G	J	K	M	N	R	H	Z	P
± 1%	± 2%	± 5%	±10%	±20%	±30%	+30% -10%	+50% -10%	+80% -20%	+100% -0%

Exploded view of general assembly

Block No.M1MM



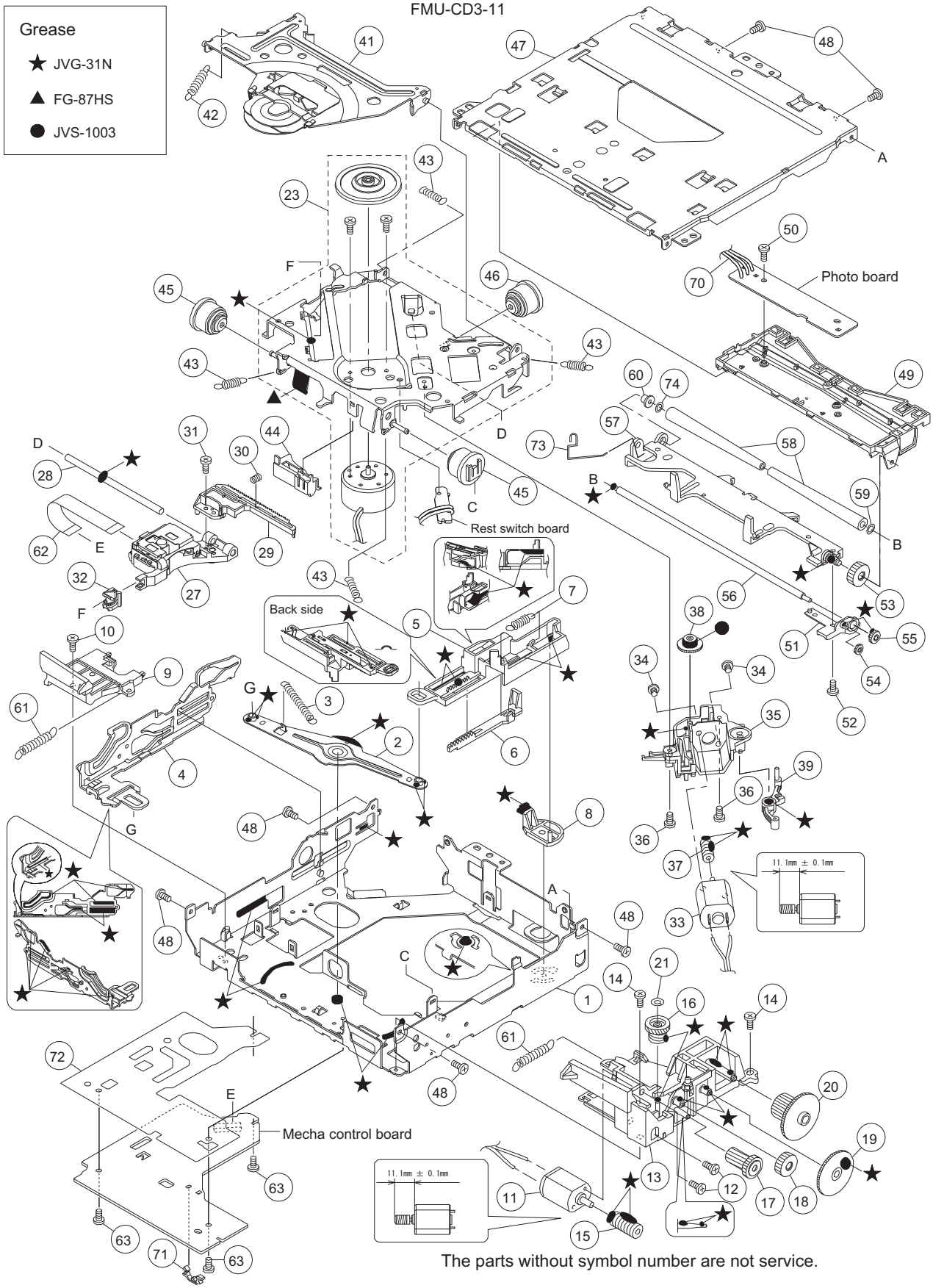
The parts without symbol number are not service.

MODEL	MARK
KD-HDR40J	

Safe	Symbol No.	Parts No.	Parts Name	Description	QTY	Local
General Assembly <M1MM>						
	1	GE10253-007A	TOP CHASSIS		1	
	2	GE33234-002A	HEAT SINK		1	
	3	GE20232-009A	BOTTOM COVER		1	
	4	GE32830-004A	INSULATOR		1	
	5	GE40395-002A	SIDE PANEL		1	
	6	QYSDST2604ZA	TAP SCREW	M2.6 x 4mm	3	
	7	GE40377-002A	SPECIAL SCREW		3	
	8	GE40377-003A	SPECIAL SCREW		2	
	9	GE40377-003A	SPECIAL SCREW		1	
	10	GE40377-002A	SPECIAL SCREW		1	
	11	QYSDSF2606ZA	TAP SCREW	M2.6 x 6mm	1	
	13	GE40377-001A	SPECIAL SCREW		2	
	14	GE40377-001A	SPECIAL SCREW		1	
	16	GE40377-002A	SPECIAL SCREW		1	
	17	LV40847-048A	SPACER(H)		1	
	18	GE10242-017A	FRONT CHASSIS		1	
	19	GE33792-001A	LOCK LEVER		1	
	20	GE40368-002A	TORSION SPRING		1	
	21	GE32810-001A	RELEASE LEVER		1	
	22	GE30999-004A	COMP.SPRING		1	
	23	GE40432-001A	BLIND		1	
	24	GE10268-001A	FRONT PANEL		1	
	25	GE33795-001A	RIM LENS		1	
	26	GE33793-006A	FINDER ASSY		1	
	27	GE33778-001A	EJECT BUTTON		1	
	28	GE33779-001A	DISP. BUTTON		1	
	30	GE33780-001A	SRC BUTTON		1	
	31	GE33784-004A	BACK BUTTON		1	
	32	GE33782-001A	DETACH BUTTON		1	
	33	GE30999-009A	COMP.SPRING		1	
	34	GE33781-001A	NAVI BUTTON		1	
	36	GE33785-001A	VOLUME KNOB		1	
	37	GE40127-005A	KNOB SPRING		1	
	38	GE10269-002A	REAR COVER		1	
	39	VKZ4777-010	MINI SCREW		4	
	40	GE33789-001A	LCD LENS		1	
	41	GE33788-001A	LENS CASE		1	
	42	GE33787-001A	LCD CASE		1	
	43	GE40480-001A	LIGHTING SHEET		1	
	44	LV38911-001A	NAME PLATE		1	
	45	GE40442-001A	FCC RULE LABEL		1	
	46	QLD0631-001	LCD MODULE		1	
	47	QNZ1002-001	RUBBER CONNE		1	
	48	QNZ1003-001	RUBBER CONNE		1	
	49	LV40848-086A	SPACER(P)		1	
⚠	50	QMFZ064-150-J1	FUSE	F901 15A	1	
	51	GE40308-001A	REG IC BRACKET	HS901	1	
	52	GE40354-001A	IC BRACKET	HS301	1	
	53	LV38578-001A	SHIELD CASE	HS101	1	
	54	LV38660-001A	PWB SHIELD	HS102	1	

CD mechanism assembly

Block No.MBMM



No.MA464

created date:2010-01-26

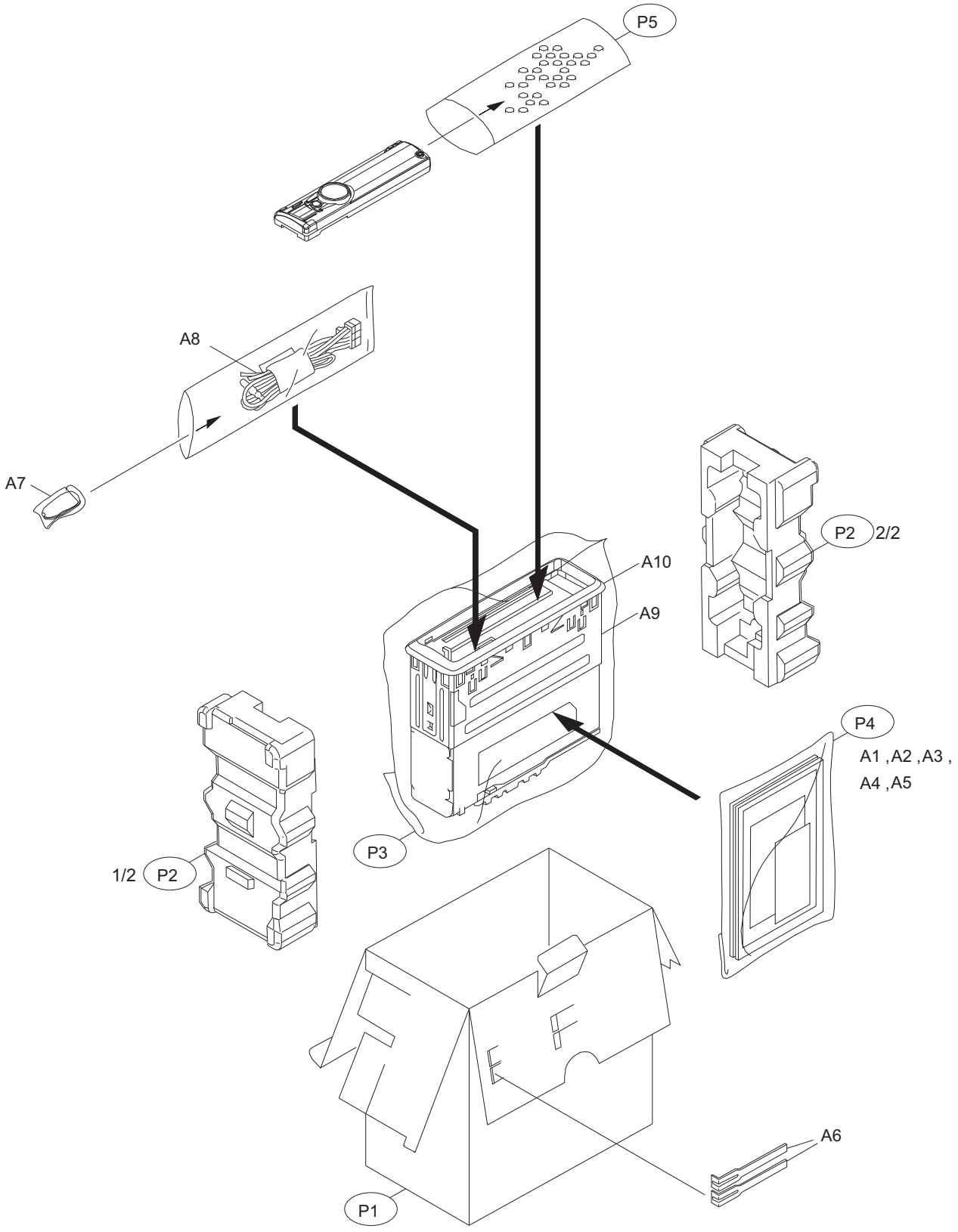
MODEL	MARK
KD-HDR40J	

Safe	Symbol No.	Parts No.	Parts Name	Description	QTY	Local
CD mechanism <MBMM>						
	1	LV11256-001A	MECHA FRAME		1	
	2	LV36800-002A	LINK ARM		1	
	3	LV44658-001A	LINK SPRING		1	
	4	LV22300-002A	SLIDE CAM (L)		1	
	5	LV22298-002A	SLIDE CAM(R)		1	
	6	LV36802-001A	LOAD RACK		1	
	7	LV44552-001A	RETURN SPRING		1	
	8	LV36803-002A	F LOCK LEVER		1	
	9	LV36804-002A	CAM COVER		1	
	10	VKZ4539-054	MINI SCREW		1	
	11	QAR0373-002	MOTOR		1	
	12	QYSPSPT2025MA	SCREW	M2 x 2.5mm	2	
	13	LV36903-003A	L M BASE ASSY		1	
	14	VKZ4539-054	MINI SCREW		2	
	15	LV36806-001A	L WORM GEAR		1	
	16	LV36805-002A	M WHEEL GEAR		1	
	17	LV36807-001A	A WHEEL GEAR		1	
	18	LV36808-001A	R ACT GEAR(1)		1	
	19	LV36809-001A	LOAD ACT GEAR		1	
	20	LV36810-001A	LOADING GEAR		1	
	21	QYWDL1230250	SLIT WASHER	3mm/1.2mm x 0.25mm	1	
	23	CM-FLMCD1D	SPINDLE MOTOR ASSY		1	
	27	QAL0993-001	PICK UP		1	
	28	LV44555-001A	MAIN SHAFT		1	
	29	LV36799-001A	RACK PLATE		1	
	30	LV45227-001A	RACK SPRING		1	
	31	QYSPSGT1745ZA	TAP SCREW	M1.7 x 4.5mm	1	
	32	LV36813-001A	SUB GUIDE CAP		1	
	33	QAR0144-003	MOTOR	2.0V DC	1	
	34	QYSPSPT2025MA	SCREW	M2 x 2.5mm	2	
	35	LV22296-001A	F MOTOR HOLDER		1	
	36	VKZ4539-054	MINI SCREW		2	
	37	LV36814-001A	F WORM GEAR		1	
	38	LV36815-002A	F WHEEL GEAR		1	
	39	LV36816-001A	TRIGGER ARM		1	
	41	LV37326-003A	CLAMPER ASSY		1	
	42	LV44557-002A	CLAMPER SPRING		1	
	43	LV44558-001A	SUS SPRING		4	
	44	LV36820-001A	WIRE HOLDER		1	
	45	LV36904-001A	DAMPER		2	
	46	LV37061-001A	DAMPER		1	
	47	LV11260-003A	TOP COVER		1	
	48	VKZ4539-054	MINI SCREW		4	
	49	LV11264-003A	DISC PLATE		1	
	50	LV44586-001A	SPECIAL SCREW		1	
	51	LV36801-002A	GEAR HOLDER		1	
	52	VKZ4539-054	MINI SCREW		1	
	53	LV36821-001A	R ACT GEAR(2)		1	
	54	LV36822-001A	R ACT GEAR(3)		1	
	55	LV36823-001A	ROLLER GEAR		1	
	56	LV44559-003A	ROLLER SHAFT		1	
	57	LV22744-001A	R HOLDER ASSY 2		1	
	58	LV44560-001A	ROLLER		2	
	59	LV44590-001A	WASHER		1	
	60	LV45268-001A	ROLLER COLLAR 2		1	
	61	LV44562-002A	ROLLER SPRING		2	
	62	QAL0817-003	FPC		1	
	63	VKZ4539-054	MINI SCREW		3	
	70	WJS0085-001A-E	E-FL/RB WIRE		1	
	71	LV34916-002A	WIRE CLAMP		1	
	72	LV38008-001A	PWB INSULATOR		1	
	73	LV45269-001A	R HOLDER ROD		1	
	74	LV45270-001A	WASHER 2		1	

Packing materials and accessories

Block No.M3MM

No additional / supplemental order of WARRANTY CARDs are available.



The parts without symbol number are not service.

MODEL	MARK
KD-HDR40J	

Safe	Symbol No.	Parts No.	Parts Name	Description	QTY	Local
Packing and Accessories <M3MM>						
	A1	LVT2088-001B	INST BOOK	ENG FRE SPA	1	
	A2	LVT2089-001A	INSTALL MANUAL		1	
	A3	----------	WARRANTY CARD	BT-52008-1	1	
	A4	----------	WARRANTY CARD	BT-51018-6	1	
	A5	BT-51044-1	REGISTRATION CARD		1	
	A6	GE40481-001A	HOOK		2	
	A7	RM-RK50C1	REMOCON UNIT		1	
	A8	QAM1142-001	CAR CABLE		1	
	A9	GE20267-001A	MOUNTING SLEEVE		1	
	A10	GE20235-014A	TRIM PLATE		1	
	P1	LV38912-001A	CARTON		1	
	P2	GE10271-001A	CUSHION		1	
	P3	QPC03004315PB	POLY BAG	30cm x 43cm	1	
	P4	FSPG4002-001	POLY BAG		1	
	P5	GE40276-003A	AIR BUBBLE		1	
Electrical parts list Main board <01>						
	IC10	SAF7746HW/N100	IC		1	
	IC221	NJM4565E-X	IC		1	
	IC272	BD3461FS-X	IC		1	
	IC301	TB2926CHQ	IC		1	
	IC401	MM1701CH-X	IC		1	
	IC411	NJM2855DL1-18-X	IC		1	
	IC501	TEF7000HN/V2	IC		1	
	IC501 or	TEF7000HN/V2S	IC		1	
	IC512	BA50BC0FP-X	IC		1	
	IC701	JVM455B	IC(MCU)		1	
	IC702	S-80824CNNB-G-W	IC		1	
	IC710	TC74VHCT126AFTX	IC		1	
	IC901	R2S25400DS-E	IC		1	
	IC931	NJM2878F3-33-X	IC		1	
	IC951	BD9300FV-X	IC		1	
	Q311	RT1N141C-X	DIGI TRANSISTOR		1	
	Q391	RT1P141C-X	DIGI TRANSISTOR		1	
	Q393	RT1P141C-X	DIGI TRANSISTOR		1	
	Q394	2SC1623A/5-6/-X	TRANSISTOR		1	
	Q703	RT1N441C-X	TRANSISTOR		1	
	Q901	RT2N03M-X	DIGI TRANSISTOR		1	
	Q902	RT2P03M-X	DIGI TRANSISTOR		1	
	Q903	2SA812A/5-6/-X	TRANSISTOR		1	
	Q951	RSQ035P03-W	MOS FET		1	
	Q952	RSQ035P03-W	MOS FET		1	
	Q953	2SC1623A/5-6/-X	TRANSISTOR		1	
	Q954	RT1P141C-X	DIGI TRANSISTOR		1	
	Q955	2SC1623A/5-6/-X	TRANSISTOR		1	
	Q956	2SA812A/5-6/-X	TRANSISTOR		1	
	Q5411	IMX9-W	PAIR TRANSISTOR		1	
	Q6411	2SD1781K/QR/-X	TRANSISTOR		1	
	D391	HSU119-X	SI DIODE		1	
	D393	RKZ3.3B2KG-X	Z DIODE		1	
	D394	RKZ10B2KG-X	Z DIODE		1	
	D503	1SS390-X	SI DIODE		1	
	D504	1SS390-X	SI DIODE		1	
	D702	HSU119-X	SI DIODE		1	
	D771	HSU119-X	SI DIODE		1	
	D772	RKZ6.2B2KG-X	Z DIODE		1	
	D901	1N5401-BPC04	SI DIODE		1	
	D904	CRS03-W	SB DIODE		1	
	D905	CRS03-W	SB DIODE		1	
	D951	RB051L-40-X	SB DIODE		1	
	D969	HSU119-X	SI DIODE		1	
	D2411	MC2836-X	DIODE		1	
	D7401	RKZ6.2B2KG-X	Z DIODE		1	
	D7404	RKZ6.2B2KG-X	Z DIODE		1	
	D7405	RKZ6.2B2KG-X	Z DIODE		1	
	D7406	RKZ6.2B2KG-X	Z DIODE		1	
	D7407	RKZ6.2B2KG-X	Z DIODE		1	
	D7408	RKZ6.2B2KG-X	Z DIODE		1	
	D7410	RKZ6.2B2KG-X	Z DIODE		1	
	D7411	RKZ6.2B2KG-X	Z DIODE		1	
	D7412	RKZ6.2B2KG-X	Z DIODE		1	
	D7413	RKZ6.2B2KG-X	Z DIODE		1	
	D7414	RKZ6.2B2KG-X	Z DIODE		1	
	C18	QEKJ0JM-107Z	E CAPACITOR	100uF 6.3V M	1	
	C21	NDC31HJ-471X	C CAPACITOR	470pF 50V J	1	
	C22	QEKJ0JM-227Z	E CAPACITOR	220uF 6.3V M	1	
	C24	NDC31HJ-391X	C CAPACITOR	390pF 50V J	1	
	C31	QEKJ0JM-107Z	E CAPACITOR	100uF 6.3V M	1	
	C34	NCB31HK-331X	C CAPACITOR	330pF 50V K	1	
	C35	NCB31CK-105X	C CAPACITOR	1uF 16V K	1	
	C36	NCB31CK-105X	C CAPACITOR	1uF 16V K	1	
	C37	NCB31CK-105X	C CAPACITOR	1uF 16V K	1	
	C38	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C39	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C41	NCB31EK-223X	C CAPACITOR	0.022uF 25V K	1	
	C42	NDC31HJ-8R0X	C CAPACITOR	8pF 50V J	1	
	C43	NDC31HJ-100X	C CAPACITOR	10pF 50V J	1	
	C44	NCB31HK-102X	C CAPACITOR	1000pF 50V K	1	
	C45	NCB31HK-102X	C CAPACITOR	1000pF 50V K	1	
	C46	NCB31CK-105X	C CAPACITOR	1uF 16V K	1	
	C48	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	1	
	C50	NCB31CK-105X	C CAPACITOR	1uF 16V K	1	
	C51	QEKJ0JM-476Z	E CAPACITOR	47uF 6.3V M	1	

MODEL	MARK
KD-HDR40J	

Safe	Symbol No.	Parts No.	Parts Name	Description	QTY	Local
	C52	NCB31CK-105X	C CAPACITOR	1uF 16V K	1	
	C53	NCB31CK-105X	C CAPACITOR	1uF 16V K	1	
	C54	NCB31CK-105X	C CAPACITOR	1uF 16V K	1	
	C55	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C56	NDC31HJ-101X	C CAPACITOR	100pF 50V J	1	
	C57	NDC31HJ-101X	C CAPACITOR	100pF 50V J	1	
	C58	NCB31CK-105X	C CAPACITOR	1uF 16V K	1	
	C60	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C62	NCB31EK-223X	C CAPACITOR	0.022uF 25V K	1	
	C63	QEKJ0JM-337Z	E CAPACITOR	330uF 6.3V M	1	
	C64	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C68	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C69	NCB31EK-223X	C CAPACITOR	0.022uF 25V K	1	
	C72	NCB31EK-223X	C CAPACITOR	0.022uF 25V K	1	
	C73	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C87	QEKJ0JM-107Z	E CAPACITOR	100uF 6.3V M	1	
	C91	QEKJ0JM-107Z	E CAPACITOR	100uF 6.3V M	1	
	C92	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C94	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C95	NCB31HK-332X	C CAPACITOR	3300pF 50V K	1	
	C96	NCB31HK-332X	C CAPACITOR	3300pF 50V K	1	
	C97	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C315	QEKJ1HM-225Z	E CAPACITOR	2.2uF 50V M	1	
	C316	QEKJ1HM-475Z	E CAPACITOR	4.7uF 50V M	1	
	C317	QEKJ1CM-476Z	E CAPACITOR	47uF 16V M	1	
	C327	QEKJ1HM-225Z	E CAPACITOR	2.2uF 50V M	1	
	C328	QEKJ1EM-106Z	E CAPACITOR	10uF 25V M	1	
	C392	QERF1CM-476Z	E CAPACITOR	47uF 16V M	1	
	C395	QEKJ1CM-107Z	E CAPACITOR	100uF 16V M	1	
	C403	QEKJ0JM-107Z	E CAPACITOR	100uF 6.3V M	1	
	C404	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C405	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	1	
	C412	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C413	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	1	
	C414	QEKJ0JM-107Z	E CAPACITOR	100uF 6.3V M	1	
	C481	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	1	
	C482	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	1	
	C483	QERF1CM-107Z	E CAPACITOR	100uF 16V M	1	
	C501	NDC31HJ-150X	C CAPACITOR	15pF 50V J	1	
	C502	NCB31HK-102X	C CAPACITOR	1000pF 50V K	1	
	C505	NCB31HK-102X	C CAPACITOR	1000pF 50V K	1	
	C506	NDC31HJ-220X	C CAPACITOR	22pF 50V J	1	
	C507	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J	1	
	C508	NDC31HJ-270X	C CAPACITOR	27pF 50V J	1	
	C509	NDC31HJ-120X	C CAPACITOR	12pF 50V J	1	
	C512	NCB31HK-102X	C CAPACITOR	1000pF 50V K	1	
	C513	NCB31HK-102X	C CAPACITOR	1000pF 50V K	1	
	C514	NCB31HK-102X	C CAPACITOR	1000pF 50V K	1	
	C515	NCB31HK-392X	C CAPACITOR	3900pF 50V K	1	
	C517	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	1	
	C518	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	1	
	C521	NCB31HK-332X	C CAPACITOR	3300pF 50V K	1	
	C522	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	1	
	C523	NCB31HK-102X	C CAPACITOR	1000pF 50V K	1	
	C525	NCB31EK-223X	C CAPACITOR	0.022uF 25V K	1	
	C526	NCB31CK-224X	C CAPACITOR	0.22uF 16V K	1	
	C527	NCB31EK-223X	C CAPACITOR	0.022uF 25V K	1	
	C528	NCB31EK-223X	C CAPACITOR	0.022uF 25V K	1	
	C529	NCB31EK-223X	C CAPACITOR	0.022uF 25V K	1	
	C530	NCB31EK-223X	C CAPACITOR	0.022uF 25V K	1	
	C537	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	1	
	C538	QEKJ1CM-107Z	E CAPACITOR	100uF 16V M	1	
	C539	QEKJ0JM-107Z	E CAPACITOR	100uF 6.3V M	1	
	C703	NDC31HJ-120X	C CAPACITOR	12pF 50V J	1	
	C704	NDC31HJ-120X	C CAPACITOR	12pF 50V J	1	
	C705	NDC31HJ-5R0X	C CAPACITOR	5pF 50V J	1	
	C706	NDC31HJ-5R0X	C CAPACITOR	5pF 50V J	1	
	C707	NCB31CK-105X	C CAPACITOR	1uF 16V K	1	
	C708	QERF0JM-337Z	E CAPACITOR	330uF 6.3V M	1	
	C709	QERF1AM-227Z	E CAPACITOR	220uF 10V M	1	
	C715	NCB31HK-471X	C CAPACITOR	470pF 50V K	1	
	C716	NCB31HK-471X	C CAPACITOR	470pF 50V K	1	
	C717	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	1	
	C720	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	1	
	C723	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	1	
	C776	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C777	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	1	
	C784	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	1	
	C785	QERF0JM-337Z	E CAPACITOR	330uF 6.3V M	1	
	C901	QEZ0769-278	E CAPACITOR	2700uF	1	
	C902	QEKJ1CM-226Z	E CAPACITOR	22uF 16V M	1	
	C903	QERF1CM-226Z	E CAPACITOR	22uF 16V M	1	
	C904	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	1	
	C905	QEKJ1CM-107Z	E CAPACITOR	100uF 16V M	1	
	C906	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C907	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	1	
	C908	QERF1CM-106Z	E CAPACITOR	10uF 16V M	1	
	C910	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	1	
	C911	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	1	
	C912	QERF1HM-225Z	E CAPACITOR	2.2uF 50V M	1	
	C917	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	1	
	C931	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	

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Safe	Symbol No.	Parts No.	Parts Name	Description	QTY	Local
	C941	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	1	
	C951	QEKJ1EM-476Z	E CAPACITOR	47uF 25V M	1	
	C952	NCB31HK-102X	C CAPACITOR	1000pF 50V K	1	
	C953	NCB31EK-223X	C CAPACITOR	0.022uF 25V K	1	
	C954	NCB31HK-102X	C CAPACITOR	1000pF 50V K	1	
	C955	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C956	QEKJ1CM-107Z	E CAPACITOR	100uF 16V M	1	
	C957	NCB20JK-106X	C CAPACITOR	10uF 6.3V K	1	
	C969	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C971	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	1	
	C973	NCB31HK-102X	C CAPACITOR	1000pF 50V K	1	
	C2001	QFV91HJ-474Z	MF CAPACITOR	0.47uF 50V J	1	
	C2002	NDC31HJ-101X	C CAPACITOR	100pF 50V J	1	
	C2202	NDC31HJ-821X	C CAPACITOR	820pF 50V J	1	
	C2203	QTE1H57-475Z	E CAPACITOR	4.7uF 50V	1	
	C2204	NDC31HJ-121X	C CAPACITOR	120pF 50V J	1	
	C2211	QEKJ0JM-107Z	E CAPACITOR	100uF 6.3V M	1	
	C2221	QEKJ1CM-107Z	E CAPACITOR	100uF 16V M	1	
	C2701	QTE1H57-475Z	E CAPACITOR	4.7uF 50V	1	
	C2702	QEKJ1HM-105Z	E CAPACITOR	1uF 50V M	1	
	C2711	QEKJ1CM-107Z	E CAPACITOR	100uF 16V M	1	
	C2712	QEKJ1CM-107Z	E CAPACITOR	100uF 16V M	1	
	C2713	NDC31HJ-471X	C CAPACITOR	470pF 50V J	1	
	C3001	QFV91HJ-474Z	MF CAPACITOR	0.47uF 50V J	1	
	C3002	NDC31HJ-101X	C CAPACITOR	100pF 50V J	1	
	C3202	NDC31HJ-821X	C CAPACITOR	820pF 50V J	1	
	C3203	QTE1H57-475Z	E CAPACITOR	4.7uF 50V	1	
	C3204	NDC31HJ-121X	C CAPACITOR	120pF 50V J	1	
	C3211	QEKJ0JM-107Z	E CAPACITOR	100uF 6.3V M	1	
	C3501	NCB31CK-473X	C CAPACITOR	0.047uF 16V K	1	
	C3701	QTE1H57-475Z	E CAPACITOR	4.7uF 50V	1	
	C4001	QFV91HJ-474Z	MF CAPACITOR	0.47uF 50V J	1	
	C4002	NDC31HJ-101X	C CAPACITOR	100pF 50V J	1	
	C4401	NDC31HJ-101X	C CAPACITOR	100pF 50V J	1	
	C4702	QEKJ1HM-475Z	E CAPACITOR	4.7uF 50V M	1	
	C5001	QFV91HJ-474Z	MF CAPACITOR	0.47uF 50V J	1	
	C5002	NDC31HJ-101X	C CAPACITOR	100pF 50V J	1	
	C5401	NDC31HJ-101X	C CAPACITOR	100pF 50V J	1	
	C5702	QEKJ1HM-475Z	E CAPACITOR	4.7uF 50V M	1	
	C6401	NCB31CK-473X	C CAPACITOR	0.047uF 16V K	1	
	C6701	QEKJ1HM-475Z	E CAPACITOR	4.7uF 50V M	1	
	C6702	QEKJ1HM-475Z	E CAPACITOR	4.7uF 50V M	1	
	C7101	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	1	
	C7401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C7402	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C7403	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	R9	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	
	R10	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	
	R11	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	
	R12	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	
	R14	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	1	
	R15	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	1	
	R16	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	
	R17	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	1	
	R18	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	
	R19	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	1	
	R20	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	1	
	R21	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	1	
	R22	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	
	R23	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	
	R24	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	1	
	R25	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	1	
	R27	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	
	R28	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	1	
	R32	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	
	R33	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	
	R34	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	
	R35	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	
	R36	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	
	R37	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	1	
	R38	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	1	
	R41	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	1	
	R42	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	1	
	R54	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	
	R56	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	1	
	R57	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	1	
	R58	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	1	
	R311	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	1	
	R313	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	1	
	R391	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	
	R392	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	1	
	R393	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	
	R394	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	
	R481	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	
	R501	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	1	
	R502	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	1	
	R503	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	
	R504	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	1	
	R506	NRSA63J-560X	MG RESISTOR	56Ω 1/16W J	1	
	R507	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	1	
	R508	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	1	
	R701	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	

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Safe	Symbol No.	Parts No.	Parts Name	Description	QTY	Local
	R702	NRSA63J-106X	MG RESISTOR	10MΩ 1/16W J	1	
	R703	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	1	
	R715	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	1	
	R720	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	1	
	R721	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	
	R728	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	1	
	R729	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	
	R732	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	1	
	R733	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	1	
	R735	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	1	
	R736	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	1	
	R740	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	1	
	R741	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	1	
	R742	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	1	
	R743	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	
	R744	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	1	
	R745	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	
	R746	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	
	R747	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	
	R751	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	1	
	R752	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	1	
	R753	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	1	
	R754	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	1	
	R756	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	1	
	R757	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	1	
	R758	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	1	
	R759	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	1	
	R761	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	
	R762	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	
	R763	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	
	R766	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	
	R767	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	
	R770	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	
	R772	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	1	
	R773	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	
	R779	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	1	
	R781	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	1	
	R901	NRSA63J-912X	MG RESISTOR	9.1kΩ 1/16W J	1	
	R902	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	1	
	R903	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	1	
	R904	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	1	
	R908	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	1	
	R909	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	1	
	R910	QRE142J-102X	C RESISTOR	1kΩ 1/4W J	1	
	R911	NRS181J-332X	MG RESISTOR	3.3kΩ 1/8W J	1	
	R940	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	1	
	R941	NRSA63F-153X	MG RESISTOR	15kΩ 1/16W F	1	
	R942	NRSA63F-223X	MG RESISTOR	22kΩ 1/16W F	1	
	R943	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	1	
	R944	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	1	
	R951	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	1	
	R952	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	1	
	R954	NRSA63J-243X	MG RESISTOR	24kΩ 1/16W J	1	
	R958	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	1	
	R959	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J	1	
	R960	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	
	R962	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	1	
	R965	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	1	
	R967	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	1	
	R968	NRSA63J-334X	MG RESISTOR	330kΩ 1/16W J	1	
	R2202	NRSA63J-203X	MG RESISTOR	20kΩ 1/16W J	1	
	R2203	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	1	
	R2204	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	1	
	R2211	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	
	R2212	NRSA63J-113X	MG RESISTOR	11kΩ 1/16W J	1	
	R2501	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	
	R2502	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	1	
	R2712	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	1	
	R2715	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	1	
	R2716	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	1	
	R3202	NRSA63J-203X	MG RESISTOR	20kΩ 1/16W J	1	
	R3203	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	1	
	R3204	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	1	
	R3211	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	
	R3212	NRSA63J-113X	MG RESISTOR	11kΩ 1/16W J	1	
	R3501	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	
	R3502	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	1	
	R4001	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	
	R4401	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	1	
	R4402	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	1	
	R4411	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	1	
	R5001	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	
	R5401	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	1	
	R5402	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	1	
	R5411	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	1	
	R6401	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	1	
	R6402	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	
	R6403	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	
	R6411	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	1	
	R7101	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	1	
	R7102	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	1	
	R7104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	
	R7105	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	1	

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Safe	Symbol No.	Parts No.	Parts Name	Description	QTY	Local
	R7106	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	1	
	R7107	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	
	R7110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	
	R7111	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	1	
	R7112	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	1	
	R7113	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	
	R7116	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	1	
	R7117	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	1	
	R7118	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	1	
	R7119	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	
	RA1	NRZ0114-101W	NET RESISTOR	100Ω	1	
	RA2	NRZ0114-101W	NET RESISTOR	100Ω	1	
	L10	NQR0129-003X	FERRITE BEADS		1	
	L11	NQL093K-2R2X	P COIL	2.2uH K	1	
	L14	NQL79GM-1R0X	COIL	1uH M	1	
	L501	NQL79GM-4R7X	COIL	4.7uH M	1	
	L503	NQL093K-R47X	P COIL	0.47uH K	1	
	L504	NQL114K-221X	P COIL	220uH K	1	
	L505	NQL093K-1R8X	P COIL	1.8uH K	1	
	L506	NQL093K-R22X	P COIL	0.22uH K	1	
	L507	NQL114K-331X	P COIL	330uH K	1	
	L508	NQL114K-331X	P COIL	330uH K	1	
	L509	NQL79GM-1R0X	COIL	1uH M	1	
	L901	QQR1809-001	CHOKE COIL		1	
	L951	NQLC8CM-470X	COIL	47uH M	1	
	L952	NQLZ007-4R7X	COIL	4.7uH	1	
	T501	QQR1872-001	RF COIL		1	
	T501 or	QQR1813-001	RF COIL		1	
	CN241	QNN0815-001	PIN JACK		1	
	CN351	QNZ0095-001	CONNECTOR		1	
	CN481	QGB2027MD-22	CONNECTOR	B-B (1-22)	1	
	CN701	QGZ1601J1-15	CONNECTOR	(1-15)	1	
	CN901	QNZ0607-001	CAR CONNECTOR		1	
	J501	QNB0190-001	ANT TERMINAL		1	
	S701	QSW0648-001Z	TACT SWITCH		1	
	VA2	NAF0024-001X	ESD SUPPRESSOR	V	1	
	X1	NAX1034-001X	CRYSTAL		1	
	X701	QAX0932-001Z	CRYSTAL		1	
	X702	QAX0401-001	CRYSTAL	32.768KHz	1	
Switch board <02>						
	IC661	PTC6526LQ-L	IC		1	
	IC681	KSM-2003TN2M	IR DETECT UNIT		1	
	Q601	2SA2188/F/-X	TRANSISTOR		1	
	Q602	RT1N141C-X	DIGI TRANSISTOR		1	
	D633	QSMR-C13G-X	LED		1	
	D634	QSMR-C13G-X	LED		1	
	D635	QSMR-C13G-X	LED		1	
	D636	QSMR-C13G-X	LED		1	
	D638	LHQ974/LM/-X	LED		1	
	D639	QSMR-C13G-X	LED		1	
	D640	QSMR-C13G-X	LED		1	
	D641	LHQ974/LM/-X	LED		1	
	D642	LHQ974/LM/-X	LED		1	
	D645	QSMR-C13G-X	LED		1	
	D646	QSMR-C13G-X	LED		1	
	D650	LWA6SG/56L/-X	LED		1	
	D652	QSMR-C13G-X	LED		1	
	D653	QSMR-C13G-X	LED		1	
	D654	QSMR-C13G-X	LED		1	
	D655	QSMR-C13G-X	LED		1	
	D661	HSU119-X	SI DIODE		1	
	D662	RKZ5.1B2KG-X	Z DIODE		1	
	C661	NCB21CK-105X	C CAPACITOR	1uF 16V K	1	
	C662	NDC31HJ-151X	C CAPACITOR	150pF 50V J	1	
	C663	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	1	
	C665	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C666	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C682	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C687	NCB31HK-102X	C CAPACITOR	1000pF 50V K	1	
	C688	NCB31HK-102X	C CAPACITOR	1000pF 50V K	1	
	R601	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	1	
	R602	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	1	
	R603	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	1	
	R604	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	1	
	R605	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	1	
	R607	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	1	
	R608	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	1	
	R609	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	1	
	R610	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	1	
	R611	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	1	
	R612	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	1	
	R613	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	
	R631	NRS181J-102X	MG RESISTOR	1kΩ 1/8W J	1	
	R632	NRS181J-102X	MG RESISTOR	1kΩ 1/8W J	1	
	R633	NRS181J-561X	MG RESISTOR	560Ω 1/8W J	1	
	R634	NRS181J-102X	MG RESISTOR	1kΩ 1/8W J	1	
	R635	NRS181J-471X	MG RESISTOR	470Ω 1/8W J	1	
	R636	NRS181J-102X	MG RESISTOR	1kΩ 1/8W J	1	
	R637	NRS181J-102X	MG RESISTOR	1kΩ 1/8W J	1	
	R638	NRS181J-102X	MG RESISTOR	1kΩ 1/8W J	1	
	R648	NRS181J-391X	MG RESISTOR	390Ω 1/8W J	1	
	R649	NRS181J-391X	MG RESISTOR	390Ω 1/8W J	1	

MODEL	MARK
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Safe	Symbol No.	Parts No.	Parts Name	Description	QTY	Local
	R650	NRS181J-221X	MG RESISTOR	220Ω 1/8W J	1	
	R651	NRS181J-271X	MG RESISTOR	270Ω 1/8W J	1	
	R652	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	1	
	R653	NRS181J-102X	MG RESISTOR	1kΩ 1/8W J	1	
	R654	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J	1	
	R660	NRSA63J-394X	MG RESISTOR	390kΩ 1/16W J	1	
	R661	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	1	
	R662	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	1	
	R663	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	1	
	R664	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	1	
	R665	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	
	R666	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	
	R667	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	
	R672	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	
	R673	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	
	R681	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	1	
	R682	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	1	
	L601	NQR0007-002X	FERRITE BEADS		1	
	L602	NQR0007-002X	FERRITE BEADS		1	
	L603	NQR0007-002X	FERRITE BEADS		1	
	CN601	QGZ1601K1-15S	CONNECTOR	(1-15)	1	
	EN601	QSW1231-002	ROTARY ENCODER		1	
	PJ601	QNS0298-001	3.5 JACK		1	
	S601	NSW0326-001X	TACT SWITCH		1	
	S602	NSW0326-001X	TACT SWITCH		1	
	S603	NSW0326-001X	TACT SWITCH		1	
	S604	NSW0326-001X	TACT SWITCH		1	
	S605	NSW0326-001X	TACT SWITCH		1	
	S606	NSW0326-001X	TACT SWITCH		1	
	S607	NSW0326-001X	TACT SWITCH		1	
	S608	NSW0326-001X	TACT SWITCH		1	
	S609	NSW0326-001X	TACT SWITCH		1	
	S610	NSW0326-001X	TACT SWITCH		1	
	S611	NSW0326-001X	TACT SWITCH		1	
HD board <03>						
⚠	IC101	SAF3560HV/V1100	IC		1	
	IC151	JVM459C	PROGRAMED IC		1	
	IC191	M12L1281687TG2T	IC(DIGITAL)		1	
	Q101	RT1N141C-X	DIGI TRANSISTOR		1	
	C101	NCB31CK-105X	C CAPACITOR	1uF 16V K	1	
	C102	NDC31HJ-471X	C CAPACITOR	470pF 50V J	1	
	C103	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C104	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C105	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C106	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C107	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C108	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C109	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C110	NDC31HJ-5R0X	C CAPACITOR	5pF 50V J	1	
	C111	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C112	NDC31HJ-5R0X	C CAPACITOR	5pF 50V J	1	
	C113	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C114	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C115	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C116	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C117	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C118	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C119	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C120	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C121	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C122	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C123	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C124	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C125	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C126	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C127	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C128	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C129	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C130	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C131	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C132	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C133	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C134	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C141	NDC31HJ-270X	C CAPACITOR	27pF 50V J	1	
	C142	NDC31HJ-270X	C CAPACITOR	27pF 50V J	1	
	C143	NDC31HJ-270X	C CAPACITOR	27pF 50V J	1	
	C144	NDC31HJ-270X	C CAPACITOR	27pF 50V J	1	
	C145	NDC31HJ-270X	C CAPACITOR	27pF 50V J	1	
	C146	NDC31HJ-270X	C CAPACITOR	27pF 50V J	1	
	C147	NDC31HJ-270X	C CAPACITOR	27pF 50V J	1	
	C148	NDC31HJ-270X	C CAPACITOR	27pF 50V J	1	
	C151	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C191	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C192	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C193	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C194	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C195	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C196	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C197	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	R102	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	
	R104	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	1	
	R105	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	1	

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Safe	Symbol No.	Parts No.	Parts Name	Description	QTY	Local
	R106	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	
	R107	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	1	
	R110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	
	R111	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	1	
	R113	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	1	
	R151	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	
	R152	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	
	R160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	
	R161	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	
	R162	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	
	R163	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	
	R164	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	
	R165	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	
	RA101	NRZ0114-470W	NET RESISTOR	47Ω	1	
	RA102	NRZ0114-470W	NET RESISTOR	47Ω	1	
	RA103	NRZ0114-470W	NET RESISTOR	47Ω	1	
	RA104	NRZ0114-470W	NET RESISTOR	47Ω	1	
	RA105	NRZ0114-470W	NET RESISTOR	47Ω	1	
	RA106	NRZ0114-470W	NET RESISTOR	47Ω	1	
	RA107	NRZ0114-470W	NET RESISTOR	47Ω	1	
	RA108	NRZ0114-470W	NET RESISTOR	47Ω	1	
	RA109	NRZ0114-470W	NET RESISTOR	47Ω	1	
	RA110	NRZ0114-470W	NET RESISTOR	47Ω	1	
	RA111	NRZ0114-470W	NET RESISTOR	47Ω	1	
	L101	NQR0129-003X	FERRITE BEADS		1	
	CN101	QGG2004K2-18	CONNECTOR	(1-18)	1	
	X101	NAX0964-001X	CRYSTAL		1	
Mecha control board <04>						
	IC301	MN6627971JA	IC		1	
	IC302	BR24L16F-W-X	IC(DIGITAL)		1	
	IC501	LA6565-X	IC		1	
	Q101	2SD601A/R/-X	TRANSISTOR		1	
	Q201	2SD601A/R/-X	TRANSISTOR		1	
	Q211	PS1191RB22/BC/X	PHOTO TRANSISTOR		1	
	Q212	PS1191RB22/BC/X	PHOTO TRANSISTOR		1	
	Q301	ISA1530AC1/RS/X	TRANSISTOR		1	
	Q302	RT1N441C-X	TRANSISTOR		1	
	Q501	2SB1424/R/-W	TRANSISTOR		1	
	D101	AN1105W21/AB/-X	IR LED		1	
	D201	AN1105W21/AB/-X	IR LED		1	
	D301	RB521S-30-X	SB DIODE		1	
	D501	1SR154-400-X	SI DIODE		1	
	C101	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C102	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C103	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C301	NEAF0JM-476X	E CAPACITOR	47uF 6.3V M	1	
	C302	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C303	NEAF0JM-476X	E CAPACITOR	47uF 6.3V M	1	
	C304	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C305	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C306	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C307	NCB31CK-334X	C CAPACITOR	0.33uF 16V K	1	
	C308	NCB31HK-102X	C CAPACITOR	1000pF 50V K	1	
	C309	NCB31EK-823X	C CAPACITOR	0.082uF 25V K	1	
	C310	NCB31HK-102X	C CAPACITOR	1000pF 50V K	1	
	C311	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C312	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	1	
	C313	NCJ21CK-475X-R	C CAPACITOR	4.7uF 16V K	1	
	C314	NCB31HK-332X	C CAPACITOR	3300pF 50V K	1	
	C315	NEAF0JM-476X	E CAPACITOR	47uF 6.3V M	1	
	C316	NEAF0JM-476X	E CAPACITOR	47uF 6.3V M	1	
	C317	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	1	
	C319	NCB31CK-334X	C CAPACITOR	0.33uF 16V K	1	
	C321	NCB31HK-272X	C CAPACITOR	2700pF 50V K	1	
	C322	NCB31AK-154X	C CAPACITOR	0.15uF 10V K	1	
	C323	NEAF0JM-476X	E CAPACITOR	47uF 6.3V M	1	
	C324	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C327	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C328	NCB31HK-681X	C CAPACITOR	680pF 50V K	1	
	C329	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C330	NCJ20JK-106X-R	C CAPACITOR	10uF 6.3V K	1	
	C331	NCJ20JK-106X-R	C CAPACITOR	10uF 6.3V K	1	
	C332	NCJ20JK-106X-R	C CAPACITOR	10uF 6.3V K	1	
	C334	NCJ20JK-106X-R	C CAPACITOR	10uF 6.3V K	1	
	C335	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C336	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C337	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C338	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C341	NDC31HJ-270X	C CAPACITOR	27pF 50V J	1	
	C342	NDC31HJ-270X	C CAPACITOR	27pF 50V J	1	
	C501	NEHN1AM-107X	E CAPACITOR	100uF 10V M	1	
	C502	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	C503	NDC31HJ-680X	C CAPACITOR	68pF 50V J	1	
	C511	NCB31HK-122X	C CAPACITOR	1200pF 50V K	1	
	C512	NCB31HK-182X	C CAPACITOR	1800pF 50V K	1	
	C513	NCB31HK-222X	C CAPACITOR	2200pF 50V K	1	
	C514	NCB31HK-682X	C CAPACITOR	6800pF 50V K	1	
	C531	NEAF0JM-107X	E CAPACITOR	100uF 6.3V M	1	
	C532	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	1	
	R101	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	1	
	R102	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	1	

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Safe	Symbol No.	Parts No.	Parts Name	Description	QTY	Local
	R103	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	1	
	R104	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	1	
	R105	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	1	
	R201	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	1	
	R202	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	1	
	R203	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	1	
	R204	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	1	
	R205	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	1	
	R301	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J	1	
	R302	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	
	R304	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	
	R306	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	
	R307	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	1	
	R309	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	
	R311	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	
	R312	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	
	R313	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	
	R314	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	1	
	R315	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	1	
	R316	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J	1	
	R317	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	
	R319	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	
	R320	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	
	R321	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	
	R322	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	1	
	R323	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	1	
	R324	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	
	R325	NRSA02F-100X	MG RESISTOR	10Ω 1/10W F	1	
	R326	NRSA02F-100X	MG RESISTOR	10Ω 1/10W F	1	
	R327	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	
	R328	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	
	R329	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	1	
	R330	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	
	R331	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	1	
	R332	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	1	
	R333	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	1	
	R336	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	
	R337	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	
	R338	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	
	R341	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	1	
	R342	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	1	
	R343	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D	1	
	R345	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D	1	
	R347	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	
	R348	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	
	R349	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	
	R353	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	
	R354	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	
	R355	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	
	R356	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	
	R357	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	
	R358	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	
	R359	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	
	R361	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	
	R371	NRSA63J-0R0X	MG RESISTOR	0Ω 1/10W J	1	
	R501	NRS125J-100X	MG RESISTOR	10Ω 1/2W J	1	
	R503	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	1	
	R504	NRSA63J-512X	MG RESISTOR	5.1kΩ 1/16W J	1	
	R505	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	1	
	R506	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	1	
	R507	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	1	
	R508	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	1	
	R509	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	1	
	R510	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	1	
	R511	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	1	
	R512	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	1	
	R513	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	1	
	R514	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	1	
	R515	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	1	
	R516	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	1	
	R517	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	1	
	R518	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	1	
	R519	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	1	
	R520	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	1	
	R521	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	1	
	R522	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	1	
	R523	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	1	
	R524	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	1	
	R525	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	1	
	CN101	QGB2027LA-22X	CONNECTOR	B-B (1-22)	1	
	CN102	QGF0522F3-15W	CONNECTOR	FFC/FPC (1-15)	1	
	SW1	NSW0291-001X	DETECT SWITCH		1	
	X301	NAX0375-001X	CRYSTAL	16.9344MHz	1	