

# KENWOOD

## PARTS LIST

### POWER AMPLIFIER

KAC-5207

KAC-PS702EX

## ■ 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  $\triangle$  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.
- 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.

## ■ 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%



MODEL	MARK	MODEL	MARK	MODEL	MARK
KAC-5207	K0	KAC-PS702EX	E1	KAC-PS702EX	M1

Safe	Symbol No.	Parts No.	Parts Name	Description	QTY	Local
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EXPLODED VIEW <M1MM>

△	F1	HU500012H	FUSE	25A	1	
	B	QS700135Z	SCREW		2	
	C	QS700129Z	SCREW		1	
	D	QS700060Z	SCREW		17	
	E	QS700089Z	SCREW		3	
	F	QS700055Z	SCREW		4	
	G	QS800001Z	SEMS MACHINE SCREW		1	
	H	QS800002Z	SEMS MACHINE SCREW		1	
	213	A6D-0090-00	SIDE PANEL		1	
	214	B19-2648-08	ILLUMINATION		1	
	215	B43-1554-08	BADGE		1	
	216	A2B-0121-00	TOP SHEET		1	K0
	216	A2B-0122-00	TOP SHEET		1	E1
	216	A2B-0123-00	TOP SHEET		1	M1
	217	QN700025Z	MICA SHEET		6	
	351	HE503033H	CONNECTOR WIRE	4P 200mm	1	
			ASSY			
	352	QS700043Z	SCREW	4x20 BLACK T	4	
	501	B5E-0134-00	INST. MANUAL	ENG FRE SPA	1	K0,E1
	501	B5E-0137-00	INST. MANUAL	ENG CHI ARA	1	M1
	502	B5E-0135-00	INST. MANUAL	GER DUT ITA	1	E1
	503	B5E-0136-00	INST. MANUAL	POR RUS UKR	1	E1
	711	-----	MAIN DIECASTING	NO SERVICE PART	1	
	712	-----	BOTTOM COVER	NO SERVICE PART	1	
	718	-----	TR BRACKET	NO SERVICE PART	4	
	701	-----	MAIN PWB ASSY	NO SERVICE PART	1	

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Safe	Symbol No.	Parts No.	Parts Name	Description	QTY	Local
<b>MAIN PWB ASSY (HPC600267) &lt;01&gt;</b>						
	IC1	HI300025C	IC		1	
	QA1	HT300017C	TRANSISTOR		1	
	QA2	HT300017C	TRANSISTOR		1	
	QA3	HT300018C	TRANSISTOR		1	
	QA4	HT300018C	TRANSISTOR		1	
	QA5	HT200016R	TRANSISTOR		1	
	QA6	HT200016R	TRANSISTOR		1	
	QA7	HT300017C	TRANSISTOR		1	
	QA8	HT500041H	F.E.T		1	
	QA9	HT500041H	F.E.T		1	
	QB1	HT300017C	TRANSISTOR		1	
	QB2	HT300017C	TRANSISTOR		1	
	QB3	HT300018C	TRANSISTOR		1	
	QB4	HT300018C	TRANSISTOR		1	
	QB5	HT200016R	TRANSISTOR		1	
	QB6	HT200016R	TRANSISTOR		1	
	QB7	HT300017C	TRANSISTOR		1	
	QB8	HT500041H	F.E.T		1	
	QB9	HT500041H	F.E.T		1	
	DA1	HD300002C	DIODE		1	
	DA2	HD300002C	DIODE		1	
	DA3	HD300002C	DIODE		1	
	DA4	HD300002C	DIODE		1	
	DA5	HD300002C	DIODE		1	
	DA6	HD300002C	DIODE		1	
	DB1	HD300002C	DIODE		1	
	DB2	HD300002C	DIODE		1	
	DB3	HD300002C	DIODE		1	
	DB4	HD300002C	DIODE		1	
	DB5	HD300002C	DIODE		1	
	DB6	HD300002C	DIODE		1	
	CA1	HC202017R	E CAPACITOR	16V 10uF	1	
	CA2	HC300009C	CAPACITOR	470pF	1	
	CA3	HC202007R	E CAPACITOR	16V 100uF	1	
	CA4	HC300004C	CAPACITOR	50V 1nF	1	
	CA5	HC300012C	CAPACITOR	50V 47nF	1	
	CA6	HC202007R	E CAPACITOR	16V 100uF	1	
	CA7	HC300001C	CAPACITOR	68pF	1	
	CA8	HC300007C	CAPACITOR	50V 100nF	1	
	CA10	HC300004C	CAPACITOR	50V 1nF	1	
	CA11	HC300004C	CAPACITOR	50V 1nF	1	
	CB1	HC202017R	E CAPACITOR	16V 10uF	1	
	CB2	HC300009C	CAPACITOR	470pF	1	
	CB3	HC202007R	E CAPACITOR	16V 100uF	1	
	CB4	HC300004C	CAPACITOR	50V 1nF	1	
	CB5	HC300012C	CAPACITOR	50V 47nF	1	
	CB6	HC202007R	E CAPACITOR	16V 100uF	1	
	CB7	HC300001C	CAPACITOR	68pF	1	
	CB8	HC300007C	CAPACITOR	50V 100nF	1	
	CB10	HC300004C	CAPACITOR	50V 1nF	1	
	CB11	HC300004C	CAPACITOR	50V 1nF	1	
	CG1	HC300014C	CAPACITOR		1	
	CG2	HC300013C	CAPACITOR	50V 56nF	1	
	RA1	HR300030C	RESISTOR	220Ω	1	
	RA2	HR300003C	RESISTOR	10kΩ	1	
	RA3	HR300008C	RESISTOR	2kΩ	1	
	RA4	HR305014C	RESISTOR	620Ω	1	
	RA5	HR300004C	RESISTOR	15kΩ	1	
	RA6	HR305018C	RESISTOR	39kΩ	1	
	RA7	HR300019C	RESISTOR	4.7kΩ	1	
	RA8	HR305074C	RESISTOR	5kΩ	1	
	RA9	HR305074C	RESISTOR	5kΩ	1	
	RA10	HR305074C	RESISTOR	5kΩ	1	
	RA11	HR305013C	RESISTOR	60Ω	1	
	RA12	HR305010C	RESISTOR	470Ω	1	
	RA13	HR305013C	RESISTOR	60Ω	1	
	RA14	HR305014C	RESISTOR	620Ω	1	
	RA15	HR305021C	RESISTOR	820Ω	1	
	RA16	HR305021C	RESISTOR	820Ω	1	
	RA17	HR300036C	RESISTOR	12kΩ	1	
	RA18	HR300017C	RESISTOR	33kΩ	1	
	RA19	HR300050C	RESISTOR	68kΩ	1	
	RA20	HR306001C	RESISTOR	2.2Ω	1	
	RA21	HR300055C	RESISTOR	1.2kΩ	1	
	RA22	HR305064C	RESISTOR	47Ω	1	
	RA23	HR305064C	RESISTOR	47Ω	1	
	RA24	HR505502H	M.P.R	2W 0.1Ω	1	
	RA25	HR505502H	M.P.R	2W 0.1Ω	1	
	RA26	HR300014C	RESISTOR	220kΩ	1	
	RA27	HR300014C	RESISTOR	220kΩ	1	
	RA28	HR300026C	RESISTOR	680Ω	1	
	RA29	HR300026C	RESISTOR	680Ω	1	
	RA30	HR305078C	RESISTOR	220Ω	1	
	RA31	HR305078C	RESISTOR	220Ω	1	
	RB1	HR300030C	RESISTOR	220Ω	1	
	RB2	HR300003C	RESISTOR	10kΩ	1	
	RB3	HR300008C	RESISTOR	2kΩ	1	
	RB4	HR305014C	RESISTOR	620Ω	1	
	RB5	HR300004C	RESISTOR	15kΩ	1	
	RB6	HR300044C	RESISTOR	39kΩ	1	
	RB7	HR300019C	RESISTOR	4.7kΩ	1	

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Safe	Symbol No.	Parts No.	Parts Name	Description	QTY	Local
	RB8	HR305074C	RESISTOR	5kΩ	1	
	RB9	HR305074C	RESISTOR	5kΩ	1	
	RB10	HR305074C	RESISTOR	5kΩ	1	
	RB11	HR305013C	RESISTOR	60Ω	1	
	RB12	HR305010C	RESISTOR	470Ω	1	
	RB13	HR305013C	RESISTOR	60Ω	1	
	RB14	HR305014C	RESISTOR	620Ω	1	
	RB15	HR305021C	RESISTOR	820Ω	1	
	RB16	HR305021C	RESISTOR	820Ω	1	
	RB17	HR300036C	RESISTOR	12kΩ	1	
	RB18	HR300017C	RESISTOR	33kΩ	1	
	RB19	HR300050C	RESISTOR	68kΩ	1	
	RB20	HR306001C	RESISTOR	2.2Ω	1	
	RB21	HR300055C	RESISTOR	1.2kΩ	1	
	RB22	HR305064C	RESISTOR	47Ω	1	
	RB23	HR305064C	RESISTOR	47Ω	1	
	RB24	HR505502H	M.P.R	2W 0.1Ω	1	
	RB25	HR505502H	M.P.R	2W 0.1Ω	1	
	RB26	HR300014C	RESISTOR	220kΩ	1	
	RB27	HR300014C	RESISTOR	220kΩ	1	
	RB28	HR300026C	RESISTOR	680Ω	1	
	RB29	HR300026C	RESISTOR	680Ω	1	
	RB30	HR305078C	RESISTOR	220Ω	1	
	RB31	HR305078C	RESISTOR	220Ω	1	
	RX1	HR300003C	RESISTOR	10kΩ	1	
	RX2	HR300003C	RESISTOR	10kΩ	1	
	VR1	HV500069H	VOLUME		1	
	CF1A	HC202017R	E CAPACITOR	16V 10uF	1	
	CF1B	HC202017R	E CAPACITOR	16V 10uF	1	
	CF2A	HC202017R	E CAPACITOR	16V 10uF	1	
	CF2B	HC202017R	E CAPACITOR	16V 10uF	1	
	CF3A	HC300002C	CAPACITOR	100pF	1	
	CF3B	HC300002C	CAPACITOR	100pF	1	
	CF4A	HC300002C	CAPACITOR	100pF	1	
	CF4B	HC300002C	CAPACITOR	100pF	1	
	CF5A	HC300015C	CAPACITOR	47pF	1	
	CF5B	HC300015C	CAPACITOR	47pF	1	
	CH1	HC300012C	CAPACITOR	50V 47nF	1	
	CH2	HC300012C	CAPACITOR	50V 47nF	1	
	CM1	HC300014C	CAPACITOR		1	
	CM2	HC202006R	E CAPACITOR	16V 47uF	1	
	CP1	HC309002C	CAPACITOR	50V 100nF	1	
	CP2	HC202034R	E CAPACITOR	25V 47uF	1	
	CP3	HC305011C	CAPACITOR	2.2uF 25V	1	
	CP4	HC300040C	CAPACITOR	16V 2.2uF	1	
	CP5	HC202005R	E CAPACITOR	16V 22uF	1	
	CP6	HC202006R	E CAPACITOR	16V 47uF	1	
	CP7	HC300012C	CAPACITOR	50V 47nF	1	
	CP8	HC305023C	CAPACITOR	50V 1nF	1	
	CP9	HC202007R	E CAPACITOR	16V 100uF	1	
	CP10	HC202028R	E CAPACITOR	25V 220uF	1	
	CP11	HC300004C	CAPACITOR	50V 1nF	1	
	CP12	HC300005C	CAPACITOR	50V 4700pF	1	
	CP14	HC305005C	CAPACITOR	50V 100nF	1	
	CP15	HC300007C	CAPACITOR	50V 100nF	1	
	CP17	HC202027R	E CAPACITOR	16V 220uF	1	
	CP18	HC202027R	E CAPACITOR	16V 220uF	1	
	CP19	HC300007C	CAPACITOR	50V 100nF	1	
	CP20	HC300007C	CAPACITOR	50V 100nF	1	
	CP21	HC500015H	E CAPACITOR	35V 2200uF	1	
	CP22	HC500015H	E CAPACITOR	35V 2200uF	1	
	CP25	HC500012H	E CAPACITOR	16V 2200uF	1	
	CP26	HC500012H	E CAPACITOR	16V 2200uF	1	
	CT1	HC300007C	CAPACITOR	50V 100nF	1	
	CT2	HC300007C	CAPACITOR	50V 100nF	1	
	CW1	HC300014C	CAPACITOR		1	
	CW2	HC300031C	CAPACITOR		1	
	CW3	HC300014C	CAPACITOR		1	
	CW4	HC300031C	CAPACITOR		1	
	CW5	HC300007C	CAPACITOR	50V 100nF	1	
	CX1	HC300027C	CAPACITOR	27pF	1	
	CY1	HC300026C	CAPACITOR	100V 1nF	1	
	CY2	HC300026C	CAPACITOR	100V 1nF	1	
	CY3	HC300026C	CAPACITOR	100V 1nF	1	
	CY4	HC300026C	CAPACITOR	100V 1nF	1	
	DF1A	HD301008C	DIODE		1	
	DF1B	HD301008C	DIODE		1	
	DF2A	HD301007C	DIODE		1	
	DF2B	HD301007C	DIODE		1	
	DH1	HD301008C	DIODE		1	
	DM1	HD300002C	DIODE		1	
	DP3	HD301036C	DIODE		1	
	DP4	HD301027C	DIODE		1	
	DP5	HD300002C	DIODE		1	
	DP6	HD300002C	DIODE		1	
	DP7	HD500015H	DIODE ARRAY		1	
	DP8	HD500016H	DIODE ARRAY		1	
	DPT1	HD300002C	DIODE		1	
	FET1	HT500045H	F.E.T		1	
	FET2	HT500045H	F.E.T		1	
△	FUSE1	HH500002H	FUSE HOLDER		1	
	G.F	HJ100001A	TIN WIRE	0.6PHI 6 mm	1	

MODEL	MARK	MODEL	MARK	MODEL	MARK
KAC-5207	K0	KAC-PS702EX	E1	KAC-PS702EX	M1

Safe	Symbol No.	Parts No.	Parts Name	Description	QTY	Local
	G.F1	HJ100001A	TIN WIRE	0.6PHI 6 mm	1	
	HIN	HK503015H	WAFER	4P	1	
	ICF1	HI300022C	IC		1	
	ICF2	HI300022C	IC		1	
	ICF3	HI300022C	IC		1	
	ICF4	HI300022C	IC		1	
	J1	HJ100001A	TIN WIRE	0.6PHI 6 mm	1	
	J2	HJ100001A	TIN WIRE	0.6PHI 6 mm	1	
	J4	HJ100001A	TIN WIRE	0.6PHI 6 mm	1	
	J5	HJ100002A	TIN WIRE	0.8PHI 10.5 mm	1	
	J7	HJ100001A	TIN WIRE	0.6PHI 6 mm	1	
	J8	HJ100001A	TIN WIRE	0.6PHI 6 mm	1	
	J9	HJ100001A	TIN WIRE	0.6PHI 6 mm	1	
	J10	HJ100001A	TIN WIRE	0.6PHI 6 mm	1	
	J11	HJ100001A	TIN WIRE	0.6PHI 6 mm	1	
	J12	HJ100001A	TIN WIRE	0.6PHI 6 mm	1	
	J13	HJ100002A	TIN WIRE	0.8PHI 10.5 mm	1	
	J14	HJ100002A	TIN WIRE	0.8PHI 10.5 mm	1	
	J15	HJ100002A	TIN WIRE	0.8PHI 10.5 mm	1	
	J16	HJ100002A	TIN WIRE	0.8PHI 10.5 mm	1	
	J17	HJ100002A	TIN WIRE	0.8PHI 10.5 mm	1	
	J18	HJ100002A	TIN WIRE	0.8PHI 10.5 mm	1	
	J20	HJ100002A	TIN WIRE	0.8PHI 10.5 mm	1	
	J21	HJ100002A	TIN WIRE	0.8PHI 10.5 mm	1	
	J22	HJ100002A	TIN WIRE	0.8PHI 10.5 mm	1	
	J23	HJ100002A	TIN WIRE	0.8PHI 10.5 mm	1	
	J25	HJ100002A	TIN WIRE	0.8PHI 10.5 mm	1	
	J26	HJ100001A	TIN WIRE	0.6PHI 6 mm	1	
	J27	HJ100002A	TIN WIRE	0.8PHI 10.5 mm	1	
	J28	HJ100002A	TIN WIRE	0.8PHI 10.5 mm	1	
	J29	HJ100002A	TIN WIRE	0.8PHI 10.5 mm	1	
	J30	HJ100001A	TIN WIRE	0.6PHI 6 mm	1	
	J31	HJ100002A	TIN WIRE	0.8PHI 10.5 mm	1	
	J32	HJ100002A	TIN WIRE	0.8PHI 10.5 mm	1	
	J33	HJ100002A	TIN WIRE	0.8PHI 10.5 mm	1	
	J34	HJ100002A	TIN WIRE	0.8PHI 10.5 mm	1	
	J35	HJ100001A	TIN WIRE	0.6PHI 6 mm	1	
	J36	HJ100001A	TIN WIRE	0.6PHI 6 mm	1	
	J37	HJ100001A	TIN WIRE	0.6PHI 6 mm	1	
	J38	HJ100002A	TIN WIRE	0.8PHI 10.5 mm	1	
	J39	HJ100001A	TIN WIRE	0.6PHI 6 mm	1	
	J40	HJ100001A	TIN WIRE	0.6PHI 6 mm	1	
	J41	HJ100002A	TIN WIRE	0.8PHI 10.5 mm	1	
	J42	HJ100001A	TIN WIRE	0.6PHI 6 mm	1	
	J43	HJ100001A	TIN WIRE	0.6PHI 6 mm	1	
	J44	HJ100002A	TIN WIRE	0.8PHI 10.5 mm	1	
	J45	HJ100002A	TIN WIRE	0.8PHI 10.5 mm	1	
	J46	HJ100002A	TIN WIRE	0.8PHI 10.5 mm	1	
	J47	HJ100002A	TIN WIRE	0.8PHI 10.5 mm	1	
	J48	HJ100002A	TIN WIRE	0.8PHI 10.5 mm	1	
	J49	HJ100002A	TIN WIRE	0.8PHI 10.5 mm	1	
	J50	HJ100002A	TIN WIRE	0.8PHI 10.5 mm	1	
	JA1	HR300031C	RESISTOR	0Ω	1	
	JA2	HR300031C	RESISTOR	0Ω	1	
	JB1	HR300031C	RESISTOR	0Ω	1	
	JB2	HR300031C	RESISTOR	0Ω	1	
	JG1	HR300031C	RESISTOR	0Ω	1	
	JG2	HR305062C	RESISTOR	0Ω	1	
	JP1	HJ502001H	JUMP PLATE	18m/m 0.8T	1	
	JS1	HR300031C	RESISTOR	0Ω	1	
	JS2	HR300031C	RESISTOR	0Ω	1	
	JS3	HR305062C	RESISTOR	0Ω	1	
	JS4	HR300031C	RESISTOR	0Ω	1	
	JS5	HR300031C	RESISTOR	0Ω	1	
	JS6	HR300031C	RESISTOR	0Ω	1	
	JS7	HR300031C	RESISTOR	0Ω	1	
	JS8	HR300031C	RESISTOR	0Ω	1	
	JS9	HR305062C	RESISTOR	0Ω	1	
	JS10	HR300031C	RESISTOR	0Ω	1	
	JS11	HR300031C	RESISTOR	0Ω	1	
	JS12	HR305062C	RESISTOR	0Ω	1	
	JS13	HR305062C	RESISTOR	0Ω	1	
	JS14	HR305062C	RESISTOR	0Ω	1	
	JS15	HR305062C	RESISTOR	0Ω	1	
	JS16	HR305062C	RESISTOR	0Ω	1	
	LED1	HD301034C	ZENER DIODE	15V 1W	1	
	QM1	HT300012C	TRANSISTOR		1	
	QM2	HT300017C	TRANSISTOR		1	
	QM3	HT300018C	TRANSISTOR		1	
	QM4	HT300019C	TRANSISTOR		1	
	QP1	HT300016C	TRANSISTOR		1	
	QP2	HT300012C	TRANSISTOR		1	
	QP3	HT300017C	TRANSISTOR		1	
	QP4	HT300017C	TRANSISTOR		1	
	QP5	HT300016C	TRANSISTOR		1	
	QP6	HT300016C	TRANSISTOR		1	
	QT1	HT300017C	TRANSISTOR		1	
	QT2	HT200016R	TRANSISTOR		1	
	RCA1	HK501026H	RCA JACK		1	
	RE1	HR300066C	RESISTOR	470Ω	1	
	RE2	HR300066C	RESISTOR	470Ω	1	
	RF1A	HR300010C	RESISTOR	2.2kΩ	1	
	RF1B	HR300010C	RESISTOR	2.2kΩ	1	

MODEL	MARK	MODEL	MARK	MODEL	MARK
KAC-5207	K0	KAC-PS702EX	E1	KAC-PS702EX	M1

Safe	Symbol No.	Parts No.	Parts Name	Description	QTY	Local
	RF2A	HR300010C	RESISTOR	2.2kΩ	1	
	RF2B	HR300010C	RESISTOR	2.2kΩ	1	
	RF3A	HR300012C	RESISTOR	22kΩ	1	
	RF3B	HR300012C	RESISTOR	22kΩ	1	
	RF4A	HR300012C	RESISTOR	22kΩ	1	
	RF4B	HR300012C	RESISTOR	22kΩ	1	
	RF5A	HR300020C	RESISTOR	47kΩ	1	
	RF5B	HR300020C	RESISTOR	47kΩ	1	
	RF6A	HR308002C	RESISTOR	100kΩ	1	
	RF6B	HR308002C	RESISTOR	100kΩ	1	
	RF7A	HR308009C	RESISTOR	2.2kΩ	1	
	RF7B	HR308009C	RESISTOR	2.2kΩ	1	
	RF8A	HR308009C	RESISTOR	2.2kΩ	1	
	RF8B	HR308009C	RESISTOR	2.2kΩ	1	
	RF9A	HR300017C	RESISTOR	33kΩ	1	
	RF9B	HR300017C	RESISTOR	33kΩ	1	
	RH1	HR305017C	RESISTOR	2.2kΩ	1	
	RH2	HR305017C	RESISTOR	2.2kΩ	1	
	RH3	HR300022C	RESISTOR	470kΩ	1	
	RH4	HR300022C	RESISTOR	470kΩ	1	
	RH5	HR300022C	RESISTOR	470kΩ	1	
	RH6	HR300022C	RESISTOR	470kΩ	1	
	RH7	HR300003C	RESISTOR	10kΩ	1	
	RH8	HR300003C	RESISTOR	10kΩ	1	
	RH9	HR300003C	RESISTOR	10kΩ	1	
	RH10	HR300003C	RESISTOR	10kΩ	1	
	RH11	HR105024A	C/F RESISTOR	1/8W 4.7kΩ	1	
	RM1	HR300023C	RESISTOR	5.6kΩ	1	
	RM3	HR300024C	RESISTOR	560kΩ	1	
	RM4	HR300010C	RESISTOR	2.2kΩ	1	
	RM5	HR305008C	RESISTOR	4.7kΩ	1	
	RM6	HR300010C	RESISTOR	2.2kΩ	1	
	RP3	HR300019C	RESISTOR	4.7kΩ	1	
	RP4	HR300023C	RESISTOR	5.6kΩ	1	
	RP5	HR300018C	RESISTOR	330kΩ	1	
	RP6	HR300003C	RESISTOR	10kΩ	1	
	RP7	HR300003C	RESISTOR	10kΩ	1	
	RP8	HR300004C	RESISTOR	15kΩ	1	
	RP9	HR300020C	RESISTOR	47kΩ	1	
	RP10	HR300003C	RESISTOR	10kΩ	1	
	RP11	HR300087C	RESISTOR	22kΩ	1	
	RP12	HR300002C	RESISTOR	1MΩ	1	
	RP13	HR300025C	RESISTOR	6.8kΩ	1	
	RP14	HR305008C	RESISTOR	4.7kΩ	1	
	RP15	HR300020C	RESISTOR	47kΩ	1	
	RP16	HR300019C	RESISTOR	4.7kΩ	1	
	RP17	HR300010C	RESISTOR	2.2kΩ	1	
	RP18	HR307012C	RESISTOR	22Ω	1	
	RP19	HR300001C	RESISTOR	1kΩ	1	
	RP20	HR300001C	RESISTOR	1kΩ	1	
	RP21	HR300001C	RESISTOR	1kΩ	1	
	RP21	HR307012C	RESISTOR	22Ω	1	
	RP22	HR300001C	RESISTOR	1kΩ	1	
	RP24	HR305001C	RESISTOR	1kΩ	1	
	RP25	HR307007C	RESISTOR	10Ω	1	
	RP27	HR108012A	M/O RESISTO	1W 470Ω	1	
	RP28	HR108012A	M/O RESISTO	1W 470Ω	1	
	RP29	HR101006A	C/F RESISTOR	1/4W 100Ω	1	
	RP30	HR101006A	C/F RESISTOR	1/4W 100Ω	1	
	RPT1	HR300010C	RESISTOR	2.2kΩ	1	
	RT1	HR305008C	RESISTOR	4.7kΩ	1	
	RT2	HR300019C	RESISTOR	4.7kΩ	1	
	RT3	HR300019C	RESISTOR	4.7kΩ	1	
	RT4	HR300003C	RESISTOR	10kΩ	1	
	RT5	HR306002C	RESISTOR	4.7Ω	1	
	RV1	HR308009C	RESISTOR	2.2kΩ	1	
	RV2	HR308033C	RESISTOR	18kΩ	1	
	RW1	HR300017C	RESISTOR	33kΩ	1	
	RW2	HR300017C	RESISTOR	33kΩ	1	
	RW3	HR300011C	RESISTOR	2.7kΩ	1	
	RW4	HR300012C	RESISTOR	22kΩ	1	
	RW5	HR300004C	RESISTOR	15kΩ	1	
	RW6	HR300004C	RESISTOR	15kΩ	1	
	RW7	HR300011C	RESISTOR	2.7kΩ	1	
	RW8	HR300012C	RESISTOR	22kΩ	1	
	RW9	HR300004C	RESISTOR	15kΩ	1	
	SE1	HR300086C	RESISTOR	2kΩ	1	
	SE2	HR300086C	RESISTOR	2kΩ	1	
	SW1	HW501027H	SWITCH		1	
	TER1	HM505035H	TERMINAL		1	
	TH1	HR309002C	THERMISTOR	100kΩ	1	
△	TRANS1	HO501277H	POWER TRANS	29PHI	1	
	ZD1	HD301033C	ZENER DIODE	12V 1/2W	1	
	ZD2	HD301034C	ZENER DIODE	15V 1W	1	
	ZDP1	HD301003C	ZENER DIODE	6.2V 1/2W	1	
	ZDV1	HD301033C	ZENER DIODE	12V 1/2W	1	