

■ EXPLANATION OF IC

■ μ PD178018AGC-582-3B9 052-1929-00
RDS Master Micro computer

Outward Form

80 pins, plastic QFP

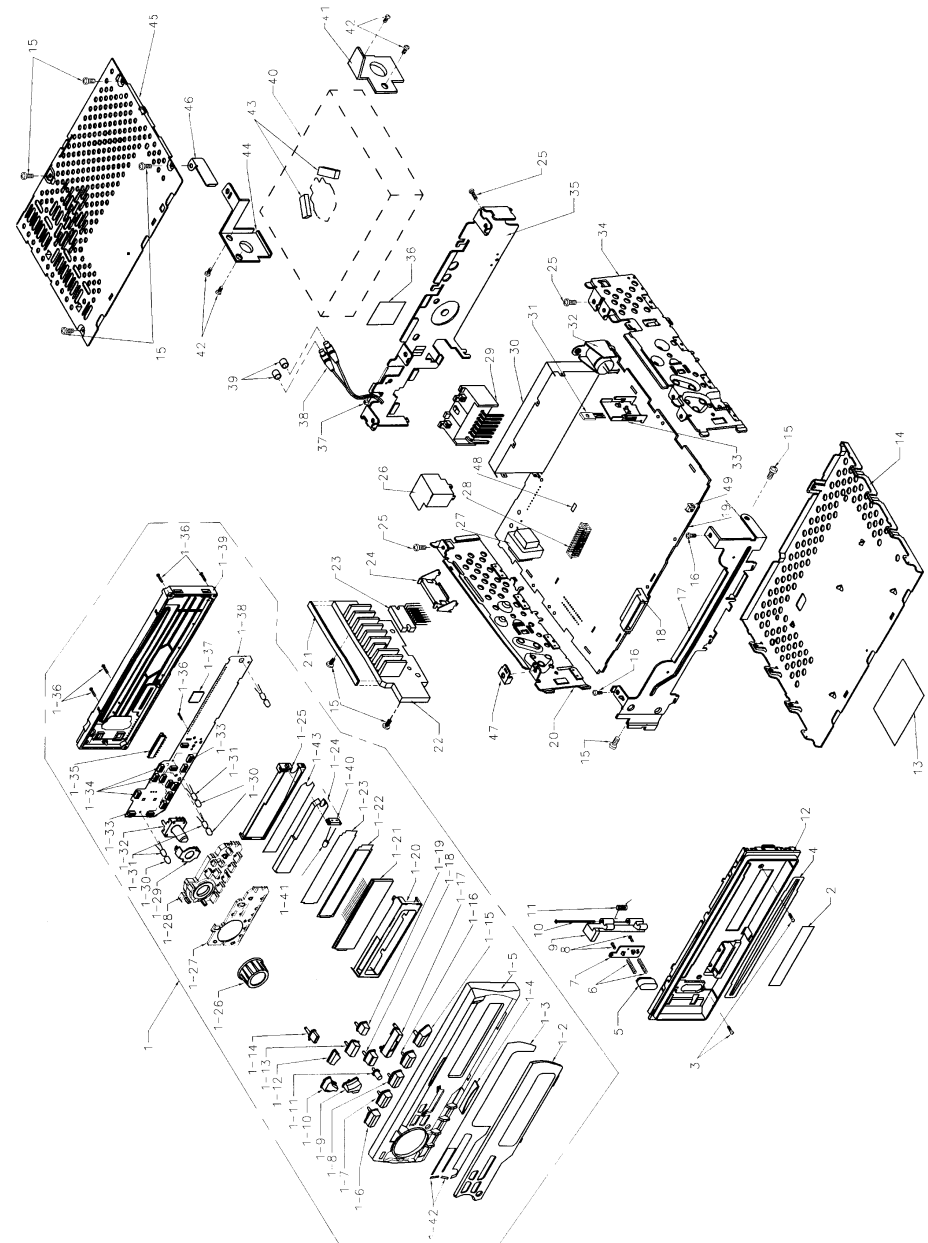
Terminal Description

Pin No	Symbol	I/O	Function
1	KEY A/D	I	FUNC/EJECT/DCP detection terminal for A/D converter
2	RDS-SMETER	-	NC
3	RDS-NOISE	-	NC
4	VOL-CW	I	Use for rotary volume
5	VOL-CCW	I	Use for rotary volume
6	NOISE DISCHG	-	NC
7	LCD SI	I	Serial data communication line to LCD Control IC
8	LCD SO	O	Serial data communication line to LCD Control IC
9	LCD SCK	O	Serial data communication line LCD Control IC
10	LCD CE	O	Serial data communication line LCD Control IC
11	CBUS-REQ	-	NC
12	PSI	I	CD serial data communication line
13	PSO	O	CD serial data communication line
14	SCK	O	CD serial data communication
15	NC	-	NC
16	SYS_MUTE	O	Output mute. While it is 'Low', mute is 'NO'
17	REM+5	O	REM 5V power supply control terminal
18	STANDBY	O	Power supply IC control terminal
19	E_VOL_CLK	O	E-VOL use
20	E_VOL_DATA	O	E-VOL use
21	GND	O	GND
22	VDD	-	VDD
23	FM ON	O	While 'LO'=AM and 'HI'=FM
24	AM ON	O	While 'HI'=AM and 'LO'=FM
25	MUTE_SPEED	O	During RDS follow-up motion, mute speed at 'LO' usually it is at 'HI'
26	IF_REQ	O	During seeking, it is at 'HI'. While detecting RDS SD, it is at 'LO'.
27	ST	O	Usually input 'ST' lights at 'LO'; always at 'HI' during seeking.
28	AM_IF_CNT	I	AM IF counter
29	FM_IF_CNT	I	FM IF counter
30	VDD	-	VDD
31	FM_OSC	I	FM VCO input terminal
32	AM_OSC	I	AM VCO input terminal
33	GND	-	GND
34	FM_VT	O	FM PLL VT
35	AM_VT	O	AM PLL VT
36	GND	-	GND
37	U/K	I	J/U/K selection setting
38	J/U	I	J/U/K selection setting
39	SD/STIND	I	While AM/FM SD in, ST is '0'
40	RDS_MUTE	-	NC
41	AM_DX/LO	O	AM DX/LO output terminal, LOCAL is at 'HI'
42	NC	-	NC
43	SLAVE_ON	I	While SLAVE ON it is at 'LO'
44	B/L+B	O	8V power supply control for LCD
45	ANT	-	NC
46	FM_DX/LO	O	FM DX/LO output terminal, LOCAL is at 'HI'

Pin No	Symbol	I/O	Function
47	CD_8V_REM	O	CD power supply control terminal +8V
48	CD_5V_REM	O	CD power supply control terminal +5V
49	PHONE_AUDIO	I	Connected to GND
50	NC	-	NC
51	CD_MECH_CW	O	Loading motor control Low=Loading, High=Eject
52	CD_MECH_CCW	O	Loading motor control Low=Eject, High=Loading
53	SW3	I	Detection of Disc Existence Detection of Chucking or Releasing Disc
54	NC	-	NC
55	SW2	I	Detection of 12cm Disc Eject End Detection of 12cm Disc
56	XTALEN	O	Crystal oscillator control pin LOW=Normal Mode, HIGH=Oscillation stopped
57	CNT	O	Loading/Spindle switching (Active High)
58	LIMITSWITCH	I	Rest SW: Pick up inner circle position detection
59	CD_MUTE	O	Mute-on control high=Mute On
60	SW1	I	Detection of Disc in
61	STB	O	data strobe signal input pin. The signal is for latching serial data internally in the LSI. (Active Low)
62	AO	O	Command/parameter identification signal input pin. This pin is used in combination with STB. AO=L: with STB active, sets address register AO=H: with STB active, sets parameter
63	RST	O	Reset signal input pin (Active Low)
64	RFOK	I	RFOK signal output pin (Active High)
65	L/M	-	NC
66	RDS DATA	-	NC
67	RDS CLK	-	NC
68	B/U DET	I	B/U detecting terminal
69	ACC DET	I	ACC detecting terminal
70	REMOCOON	I	Remote control
71	KEY_INT	I	When this terminal turns low, key A/D terminal detects the key pushed
72	NC	-	NC
73	PHONE_INT	I	Phone interrupted
74	CPU_REG	-	Regulator terminal for CPU power supply
75	GND	-	GND
76	X_OUT	-	X-TAL 4.5MHz
77	X_IN	-	X-TAL 4.5MHz
78	OSC_REG	-	Power supply regulator terminal for oscillator
79	VDD	-	Power supply terminal
80	RESET	I	Reset Port

■ EXPLODED VIEW • PART LIST

Main Section

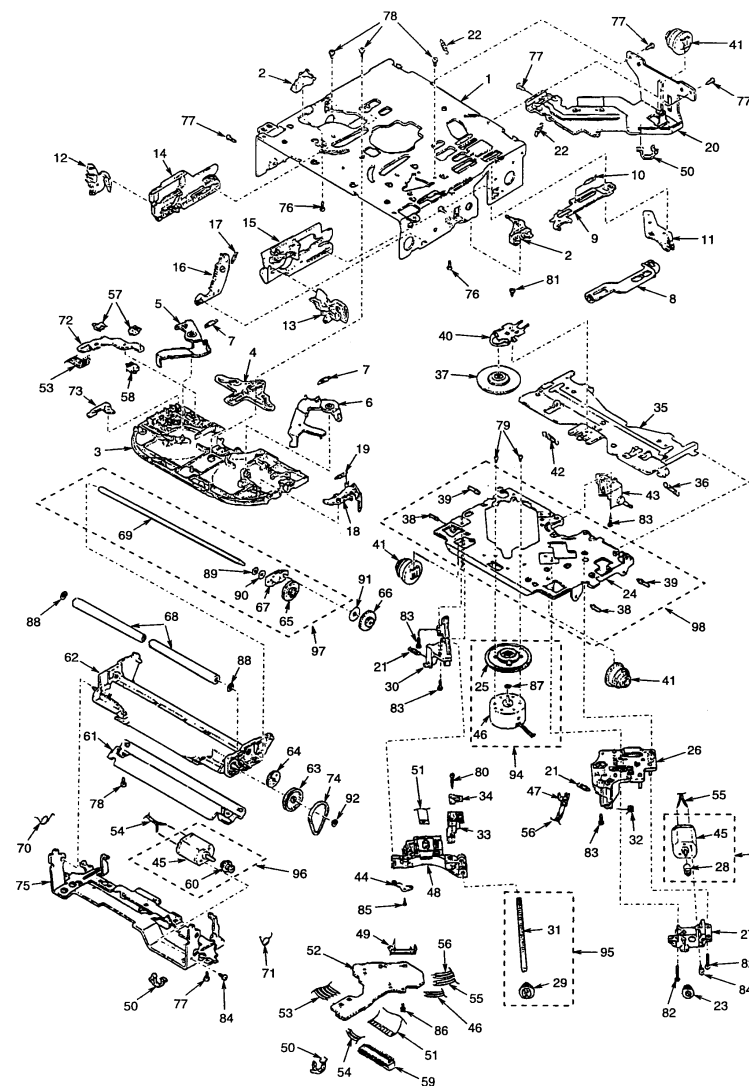


NO.	PART NO.	DESCRIPTION	Q'TY
1	DCP-389-600	DCP-ASSY (PE-2420B-B)	1
1	-----	DCP-ASSY (PE-2434K-B)	1
1-2	373-0966-22	DIAL COVER	1
1-3	347-6547-00	DOUBLE SIDE TAPE	1
1-4	335-6574-00	DOOR ILLUMI	1
1-5	370-5956-05	ESCUTCHEON (FRONT)	1
1-6	382-6219-03	BUTTON [1]	1
1-7	382-6220-13	BUTTON [2]	1
1-8	382-6221-13	BUTTON [3]	1
1-9	382-6225-01	BUTTON [DN]	1
1-10	382-6224-01	BUTTON [UP]	1
1-11	382-6229-00	BUTTON [AM]	1
1-12	382-6231-01	BUTTON [EJECT]	1
1-13	382-6226-12	BUTTON [FUNC]	1
1-14	382-6230-01	BUTTON [RELEASE]	1
1-15	382-6223-03	BUTTON [5]	1
1-16	382-6222-11	BUTTON [4]	1
1-17	382-6234-01	BUTTON [PS/AS]	1
1-18	382-6228-11	BUTTON [BND]	1
1-19	382-6227-11	BUTTON [Z-EHCR]	1
1-20	331-3189-00	LCD COVER	1
1-21	379-1202-30	INDICATOR	1
1-22	347-6479-01	FILM	1
1-23	347-6764-00	SHADE	1
1-24	335-6575-00	ILLUMI PLATE (LCD)	1
1-25	335-6576-00	LCD HOLDER	1
1-26	380-5525-01	KNOB	1
1-27	345-8606-00	SPONGE	1
1-28	335-6578-11	ILLUMI PLATE	1
1-29	331-3197-00	JOG SWITCH HOLDER	1
1-30	345-4441-85	LAMP CAP (RED)	3
1-31	017-0410-00	PILOT LAMP (14V 49mA)	3
1-32	016-9900-81	VR SWITCH	1
1-33	013-6302-51	TACT SWITCH	6
1-34	013-3812-11	TACT SWITCH	8
1-35	076-0615-00	PLUG	1
1-36	716-0872-12	P-TIGHT SCREW (M1.7x8)	5
1-37	051-6000-20	IC	1
1-38	039-1897-03	SW PWB (WITHOUT COMPONENT)	1
1-39	335-6573-01	REAR COVER	1
1-40	335-6577-00	LED HOLDER	1
1-41	001-7030-02	DIODE	1
1-42	347-6607-00	DOUBLE SIDE TAPE	2
1-43	347-6765-00	FILM	1
2	291-0074-00	STICKER (SECURITY)	1
3	716-1792-00	M/C SCREW (M2x4)	2
4	346-0097-00	LEATHER SHEET	1

NO.	PART NO.	DESCRIPTION	Q'TY
5	382-4078-20	BUTTON [P-OUT]	1
6	750-3173-00	SPRING (DCP OUT)	2
7	331-2594-00	HOOK PLATE	1
8	716-0778-00	WAVE SCREW (2x6)	2
9	335-5915-20	HOOK	1
10	341-1627-20	SHAFT	1
11	750-3219-20	SPRING	1
12	370-5957-01	INNER-ES	1
13	286-9575-01	SET PLATE (PE-2420B-B)	1
13	286-9577-01	SET PLATE (PE-2434K-B)	1
14	304-0460-20	LOWER COVER	1
15	731-3006-80	TAP TIGHT (M3x6)	8
16	731-3005-81	TAP TIGHT (M3x5)	2
17	309-0773-00	FRONT PLATE	1
18	074-1217-00	OUTLET SOCKET	1
19	039-1896-04	MAIN PWB (WITHOUT COMPONENT)	
20	305-0274-20	SIDE COVER (LEFT)	1
21	345-8511-20	RUBBER	1
22	313-1820-00	HEAT SINK	1
23	051-2031-11	IC (POWER)	1
24	331-2255-30	IC HOLDER	1
25	714-3006-81	MACHINE SCREW (M3x6)	3
26	331-1862-00	SHIELD CASE	1
27	009-9006-60	CHOKE	1
28	076-0650-26	PLUG	1
29	074-1214-00	OUTLET SOCKET	1
30	880-2087G	TUNER BLOCK	1
31	102-3420-00	TRANSISTOR	1
32	092-4000-51	ANT RECEPT	1
33	313-1577-0L	HEAT SINK	1
34	305-0275-21	SIDE COVER (RIGHT)	1
35	307-0626-20	REAR COVER	1
36	347-5943-20	SHADE	1
37	335-0833-01	CABLE TIE	1
38	885-8000-08	RCA PIN CORD	1
39	345-3799-0L	RUBBER PART	2
40	948-0615-00	CD MECHANISM	1
41	331-3190-00	MECH-BRKT (A)	1
42	731-2004-81	SCREW (M2x4)	4
43	345-5210-00	CUSHION	2
44	331-3191-00	MECH-BRKT (B)	1
45	303-0472-20	UPPER COVER	1
46	331-2744-00	STOPPER	1
47	331-2648-20	SPACER	1
48	331-1861-00	EARTH PLATE	1
49	013-3932-01	SWITCH	1

EXPLODED VIEW • PARTS LIST

CD mechanism section 948-0615-00



NO.	PART NO.	DESCRIPTION	Q'TY
1	658-0226-01	FRAME (C)	1
2	658-0226-02	DAMPER PIN	2
3	658-0226-03	UPPER PL	1
4	658-0226-04	SEL STOP PL	1
5	658-0226-05	SEL ARM (L) L	1

NO.	PART NO.	DESCRIPTION	Q'TY
6	658-0226-06	SEL ARM (R) L	1
7	658-0226-07	A ARM SPRING (L)	2
8	658-0226-08	TRIG LVR	1
9	658-0226-09	TRIG PL (Z)	1
10	658-0226-10	TRIG PL SPRING	1

NO.	PART NO.	DESCRIPTION	Q'TY
11	658-0226-11	TRIG ARM	1
12	658-0226-12	FIX ARM (L) B	1
13	658-0226-13	FIX ARM (R) Z	1
14	658-0226-14	FIX PL (L) Z	1
15	658-0226-15	FIX PL (R) Z	1
16	658-0226-16	LDG GR (6) B	1
17	658-0226-17	LDG GR (6) SPRING	1
18	658-0226-18	S.L ARM (N)	1
19	658-0226-19	S.L ARM SPRING	1
20	658-0226-20	REAR DAMPER BKT (Z-C)	1
21	658-0226-21	HUNG UP SP (FZ)	2
22	658-0226-22	HUNG UP SP (R)	2
23	658-0226-23	PU GEAR (B)	1
24	-----	T. T BASE (Z)	1
25	-----	TURN TABLE (Z)	1
26	658-0226-24	F. M BASE (Z)	1
27	658-0226-25	FD GR BLK (Z)	1
28	-----	FD GR AZ	1
29	-----	FD GR CZ	1
30	658-0226-26	PU GUIDE (Z)	1
31	-----	FD SCREW (Z-S)	1
32	658-0226-27	THRUST SPR (M)	1
33	658-0226-28	PU M NUT (Z)	1
34	658-0226-29	NUT PUSH SPR PL	1
35	658-0226-30	CLP ARM (Z)	1
36	658-0226-31	CLP ARM SPRING	1
37	658-0226-32	CLAMPER (Z)	1
38	-----	LOCK PIN (FZ)	2
39	-----	LOCK PIN (RZ)	2
40	658-0226-33	CLAMPER PLATE (Z)	1
41	658-0226-34	DAMPER (J)	3
42	658-0226-35	CLP ARM SPR (L)	1
43	658-0226-36	F SCREW GUIDE (Z)	1
44	658-0226-37	PU GUIDE SP PLT (Z)	1
45	-----	MOTOR FF030PK-09210	2
46	-----	MOTOR RF -300CA-11440D	1
47	658-0226-38	DET SW ESE11SF4	1
48	658-0226-39	PICK-UP OPTIMA-720L1E	1
49	658-0226-40	FPC HOLDER (Z)	1
50	658-0226-41	WIRE CLAMPER	3
51	658-0226-42	PICK UP FPC (Z)	1
52	658-0226-43	CONNECTER PWB (WITHOUT COMPONENT)	1
53	658-0226-44	WIRE (4P-Z)	1
54	658-0226-45	WIRE (LD-Z)	1
55	658-0226-46	WIRE (FD-Z)	1
56	658-0226-47	WIRE (RS-Z)	1
57	658-0226-48	DET SW ESE22MH1	2
58	658-0226-49	DET SW ESE22MH3	1

NO.	PART NO.	DESCRIPTION	Q'TY
59	658-0226-50	CONNECTOR TKC-W26X-C1	1
60	-----	LDG PULLEY	1
61	658-0226-51	SUPPORT PL	1
62	658-0226-52	GR MT BLK (N)	1
63	658-0226-53	LDG GR (2)	1
64	658-0226-54	LDG GR (3)	1
65	-----	LDG GR (4)	1
66	658-0226-55	LDG GR (5)	1
67	-----	LDG GR ARM	1
68	658-0226-56	LDG ROLLER (P)	2
69	-----	LDG RLR SFT	1
70	658-0226-57	L. P SPRING (L)	1
71	658-0226-58	L. P SPRING (R)	1
72	658-0226-59	SWITCH PWB (WITHOUT COMPONENT)	1
73	658-0226-60	SW ACTR	1
74	658-0226-61	LDG BELT	1
75	658-0226-62	FRONT BRKT (J)	1
76	658-0226-63	CAMERA B TAPPING SCREW M2X5	2
77	658-0226-64	CAMERA SCREW TS. G M2X4	5
78	658-0226-65	CAMERA B TAPPING SCREW (FLAT SPECIAL) M2X4	4
79	658-0226-66	CAMERA SCREW M1. 7X2.2	2
80	658-0226-67	CAMERA TAPPING SCREW S 3M1.7X7	1
81	658-0226-68	CAMERA S TAPPING SCREW M2X2	1
82	658-0226-69	CAMERA TAPPING SCREW S SMG M2X10	2
83	658-0226-70	CAMERA TAPPING SCREW S SMG M2X6	4
84	658-0226-71	TAMS SCREW M2X3	2
85	658-0226-72	CAMERA S TAPPING SCREW M1. 4X2	1
86	658-0226-73	CAMERA S TAPPING SCREW G M2X2.5	1
87	-----	HLM 2.1X3.5X0.3	1
88	658-0226-74	NW BLUE 2.9X5X0.3	2
89	-----	WAVE WASHER	1
90	-----	LUMILAR W 2.5X6X0.1	1
91	658-0226-75	LUMILAR W 2.3X9.8X0.25	1
92	658-0226-76	HLW CUT 1.4X3.2X0.4	1
93	658-0226-77	FEED MOTOR ASSY	1
94	658-0226-78	SPINDLE MOTOR ASSY	1
95	658-0226-79	FEED SCREW ASSY	1
96	658-0226-80	LDG MOTOR ASSY	1
97	658-0226-81	LDG RLR SFT ASSY	1
98	658-0226-82	T. T BASE ASSY	1

■ ELECTRICAL PARTS LIST

Main PWB Section (B1)

Note: Several different parts of the same reference number are alternative parts. One of those parts is used in the set.
*: FOR PE-2420B-B ONLY. #: FOR PE-2434K-B ONLY.

REF No.	PART No.	DESCRIPTION
ANT 101	092-4000-51	ANT RECEPT
BL 101	880-2087G	TUNER
C 1	168-1042-78	0.1μF
C 2	183-1073-22	10V-100μF
C 3	168-1042-78	0.1μF
C 4	183-1063-32	16V-10μF
C 5	183-1063-32	16V-10μF
C 6	168-1042-78	0.1μF
C 7	168-1042-78	0.1μF
C 8	168-1042-78	0.1μF
C 9	183-2263-32	16V-22μF
C 10	168-1042-78	0.1μF
C 11	166-3301-50	33pF
C 12	168-1222-05	1200pF
C 13	168-1042-78	0.1μF
C 14	168-1222-05	1200pF
C 15	168-1042-78	0.1μF
C 16	168-1042-78	0.1μF
C 17	166-6801-05	68pF
C 18	166-4096-50	4pF
C 19	166-2201-00	22pF
C 20	168-1042-78	0.1μF
C 21	168-1042-78	0.1μF
C 22	168-1032-05	0.01μF
C 23	168-1042-78	0.1μF
C 25	168-1042-78	0.1μF
C 27	168-1032-05	0.01μF
C 28	168-1042-78	0.1μF
C 29	168-1042-78	0.1μF
C 30	168-1042-78	0.1μF
C 31	182-1073-23	10V-100μF
C 36	166-6811-50	680pF
C 38	168-1042-78	0.1μF
C 39	166-6811-50	680pF
C 45	168-2722-05	2700pF
C 46	168-2722-05	2700pF
C 47	166-2201-50	22pF
C 48	166-2201-50	22pF
C 49	168-1042-78	0.1μF
C 50	183-1063-32	16V-10μF
C 51	168-1032-05	0.01μF
C 52	166-4711-50	470pF *
C 53	168-4732-78	0.047μF *
C 54	166-1011-50	100pF *
C 55	166-2201-50	22pF *
C 91	168-1032-05	0.01μF *
C 101	166-1801-50	18pF
C 102	166-2201-50	22pF
C 103	168-1032-05	0.01μF
C 104	168-1032-05	0.01μF
C 106	182-1073-23	10V-100μF
C 107	168-1042-78	0.1μF
C 108	182-1073-23	10V-100μF
C 109	166-1032-05	0.01μF

REF No.	PART No.	DESCRIPTION
C 110	168-6822-05	6800pF
C 111	182-1073-23	10V-100μF
C 112	166-1011-50	100pF
C 113	166-1011-50	100pF
C 114	168-2232-05	0.022μF
C 115	166-1011-50	100pF
C 116	166-3311-50	330pF
C 117	168-1022-05	1000pF
C 118	183-1053-62	50V-1μF
C 120	168-4722-05	4700pF
C 124	168-2732-05	0.027μF
C 125	168-2732-05	0.027μF
C 126	183-3353-62	50V-3.3
C 127	168-1032-05	0.01μF
C 129	183-1073-22	10V-100μF
C 130	168-1032-05	0.01μF
C 131	168-1032-05	0.01μF
C 191	166-2096-50	2pF
C 201	166-2201-50	22pF
C 202	166-2201-50	22pF
C 203	168-4732-78	0.047μF
C 204	168-4732-78	0.047μF
C 207	182-1073-23	10V-100μF
C 208	168-1032-05	0.01μF
C 209	182-1073-23	10V-100μF
C 211	168-1022-05	1000pF
C 251	168-1032-05	0.01μF
C 252	168-1042-78	0.1μF
C 253	168-1022-05	1000pF *
C 291	168-1042-78	0.1μF
C 292	168-1032-05	0.01μF
C 501	168-1042-78	0.1μF
C 502	168-1042-78	0.1μF
C 503	183-1053-62	50V-1μF
C 504	183-1053-62	50V-1μF
C 509	183-4763-32	16V-47μF
C 514	183-1063-52	35V-10μF
C 515	168-1032-05	0.01μF
C 516	168-1022-05	1000pF
C 521	168-4732-78	0.047μF *
C 601	172-1041-11	0.1μF
C 602	172-1041-11	0.1μF
C 603	172-1041-11	0.1μF
C 604	172-1041-11	0.1μF
C 605	182-4743-63	50V-0.47μF
C 606	182-4763-33	16V-47μF
C 607	182-2263-33	16V-22μF
C 608	182-3343-63	50V-0.33μF
C 609	182-4743-63	50V-0.47μF
C 610	183-4743-62	50V-0.47μF
C 611	183-4743-62	50V-0.47μF
C 612	182-4743-63	50V-0.47μF
C 613	166-6811-50	680pF
C 614	166-6811-50	680pF

REF No.	PART No.	DESCRIPTION
C 615	166-6811-50	680pF
C 616	166-6811-50	680pF
C 620	183-1063-32	16V-10μF
C 621	183-1063-32	16V-10μF
C 693	168-1032-05	0.01μF #
C 694	166-4711-50	470pF *
C 695	166-4711-50	470pF *
C 901	172-1041-11	0.1μF
C 902	184-2283-32	16V-2200μF
C 904	183-1063-32	16V-10μF
C 905	182-1073-23	10V-100μF
C 906	182-1063-33	16V-10μF
C 907	183-1073-22	10V-100μF
C 908	168-4732-78	0.047μF
C 909	168-1042-78	0.1μF
C 910	168-1032-05	0.01μF
C 911	183-1063-32	16V-10μF
C 912	183-4743-62	50V-0.47μF
C 913	182-1063-33	16V-10μF
C 915	183-1073-23	10V-100μF
C 921	173-4711-18	470pF *
C 922	173-4711-18	470pF *
C 923	173-4711-18	470pF *
C 924	168-1032-05	0.01μF *
C 925	168-1032-05	0.01μF *
C 926	168-1032-05	0.01μF *
C 927	166-4701-50	47pF *
C 928	166-2201-50	22pF *
C 961	183-4763-33	16V-47μF
ON 901	074-1214-00	OUTLET SOCKET
D 1	001-0330-00	1SS119
D 201	001-0330-00	1SS119
D 601	001-0466-00	S5688G
D 602	001-0466-00	S5688G
D 603	001-0466-00	S5688G
D 604	001-0466-00	S5688G
D 605	001-0466-00	S5688G
D 606	001-0466-00	S5688G
D 607	001-0466-00	S5688G
D 608	001-0466-00	S5688G
D 901	001-0592-00	RM4Z
D 902	001-0466-00	S5688G
D 905	001-0346-46	MTZJ 9.1A
D 906	001-0346-33	MTZJ 5.6C
D 907	001-0346-47	MTZJ 9.1B
D 908	001-0330-00	1SS119
D 909	001-0466-00	S5688G
D 910	001-0346-33	MTZJ 5.6C
D 912	001-0346-41	MTZJ 7.5B
D 913	001-0346-26	MTZJ 4.7B
D 915	001-0330-00	1SS119
D 917	001-0330-00	1SS119
D 918	001-0330-00	1SS119
D 919	001-0330-00	1SS119

REF No.	PART No.	DESCRIPTION
D 961	001-0346-05	MTZJ 3.0B
C 201	052-1929-00	μPD 178018
C 401	051-6369-00	μPD 63711
C 402	051-6056-05	BA6795FP
C 403	051-0350-93	NJM4558M-TE3
C 501	051-5016-90	TDA 7404
C 601	051-2031-11	LA4743B
L 101	010-4007-00	COIL
L 102	010-2330-86	220μH
L 201	010-2330-86	220μH
P 201	074-1217-00	OUTLET SOCKET
P 401	076-0650-26	SOCKET
Q 1	100-1298-00	2SA1298
Q 102	102-2712-51	2SC2712
Q 103	102-2712-51	2SC2712
Q 105	125-2004-03	RN1403
Q 121	100-1048-00	2SA 1048
Q 122	100-1048-00	2SA 1048
Q 123	125-2004-03	RN1403
Q 124	125-2004-03	RN1403
Q 601	125-0002-02	RN2402
Q 620	103-1306-00	2SD1306
Q 621	103-1306-00	2SD1306
Q 901	101-1237-00	2SB1237
Q 906	102-3420-00	2SC3420
Q 907	125-0002-02	RN2402
Q 908	125-2004-02	RN1402
Q 909	125-2004-02	RN1402
Q 910	125-0002-02	RN2402
Q 912	103-1858-00	2SD1858
Q 913	103-1858-00	2SD1858
Q 914	103-1858-00	2SD1858
Q 915	103-1858-00	2SD1858
Q 916	101-1237-00	2SB1237
Q 918	103-1858-00	2SD1858
Q 919	100-1150-00	2SA 1150
Q 920	125-0002-02	RN2402
Q 921	125-2004-02	RN1402
Q 922	125-0002-02	RN2402
Q 923	102-2712-51	2SC2712
Q 924	125-2004-03	RN1403
Q 925	125-2004-03	RN1403
Q 926	100-1162-00	2SA1162
Q 927	102-2712-51	2SC2712
Q 962	101-1237-00	2SB1237
Q 964	125-2004-03	RN1403
R 3	119-2201-10	1/16W 22Ω
R 5	119-3321-10	1/16W 3.3KΩ
R 6	119-0000-00	0Ω
R 9	119-1011-10	1/16W 100Ω
R 10	119-0000-00	0Ω
R 11	119-3321-10	1/16W 3.3KΩ
R 14	119-6821-10	1/10W 6.8KΩ

REF No.	PART No.	DESCRIPTION
R 16	119-0000-00	0Ω
R 17	119-0000-00	0Ω
R 20	119-1031-10	1/16W 10KΩ
R 22	119-3931-10	1/16W 39KΩ
R 27	119-5631-10	1/16W 56KΩ
R 31	119-4721-10	1/16W 4.7KΩ
R 33	119-5621-10	1/16W 5.6KΩ
R 35	119-1221-10	1/16W 1.2KΩ
R 38	119-2231-10	1/16W 22KΩ
R 39	119-6831-10	1/16W 68KΩ
R 40	119-1221-10	1/16W 1.2KΩ
R 43	119-5621-10	1/16W 5.6KΩ
R 45	119-1231-10	1/16W 12KΩ
R 46	119-3921-10	1/16W 3.9KΩ
R 47	119-2241-10	1/16W 220KΩ
R 48	119-1241-10	1/16W 120KΩ
R 51	119-0000-00	0Ω
R 101	119-2221-10	1/16W 2.2KΩ
R 103	119-1011-10	1/16W 100Ω
R 104	111-4721-91	1/4W 4.7KΩ
R 105	119-2221-10	1/16W 2.2KΩ
R 106	119-1021-10	1/16W 1KΩ
R 109	119-4741-10	1/16W 470KΩ
R 110	119-5631-10	1/16W 56KΩ
R 115	119-1021-10	1/16W 1KΩ
R 116	119-1021-10	1/16W 1KΩ
R 117	119-1231-10	1/16W 12KΩ
R 121	119-2231-10	1/16W 22KΩ
R 122	119-2231-10	1/16W 22KΩ
R 123	119-2221-10	1/16W 2.2KΩ
R 124	119-2221-10	1/16W 2.2KΩ
R 131	119-0000-00	0Ω [#]
R 204	119-2231-10	1/16W 22KΩ
R 205	119-4731-10	1/16W 47KΩ
R 210	119-2231-10	1/16W 22KΩ
R 218	119-4731-10	1/16W 47KΩ
R 219	119-1041-10	1/16W 100KΩ
R 220	119-1041-10	1/16W 100KΩ
R 221	119-1031-10	1/16W 10KΩ [#]
R 223	119-1031-10	1/16W 10KΩ [*]
R 224	119-1031-10	1/16W 10KΩ
R 225	119-1031-10	1/16W 10KΩ
R 226	119-1031-10	1/16W 10KΩ
R 227	119-1041-10	1/16W 100KΩ
R 228	119-1041-10	1/16W 100KΩ
R 229	119-0000-00	0Ω
R 230	119-2221-10	1/16W 2.2KΩ
R 231	119-2221-10	1/16W 2.2KΩ
R 233	119-1021-10	1/16W 1KΩ
R 243	119-4721-10	1/16W 4.7KΩ
R 244	119-4721-10	1/16W 4.7KΩ
R 250	119-1031-10	1/16W 10KΩ
R 251	119-0000-00	0Ω [#]

REF No.	PART No.	DESCRIPTION
R 306	119-1041-10	1/16W 100KΩ
R 515	119-4721-10	1/16W 4.7KΩ
R 516	119-4721-10	1/16W 4.7KΩ
R 517	119-0000-00	0Ω
R 518	119-0000-00	0Ω
R 524	119-1031-10	1/16W 10KΩ
R 600	119-4721-10	1/16W 4.7KΩ
R 601	119-1031-10	1/16W 10KΩ
R 602	119-4721-10	1/16W 4.7KΩ
R 603	119-4721-10	1/16W 4.7KΩ
R 604	119-4721-10	1/16W 4.7KΩ
R 605	119-4721-10	1/16W 4.7KΩ
R 606	119-1031-10	1/16W 10KΩ
R 620	119-3311-10	1/16W 330Ω
R 621	119-1031-10	1/16W 10KΩ
R 622	119-1031-10	1/16W 10KΩ
R 623	119-3311-10	1/16W 330Ω
R 624	119-1021-10	1/16W 1KΩ
R 625	119-1021-10	1/16W 1KΩ
R 631	119-0000-00	0Ω
R 632	119-0000-00	0Ω [#]
R 633	119-0000-00	0Ω [*]
R 634	119-0000-00	0Ω [*]
R 711	119-0000-00	0Ω
R 712	119-4731-10	1/16W 47KΩ
R 713	119-4731-10	1/16W 47KΩ
R 715	119-1041-10	1/16W 100KΩ
R 717	119-1041-10	1/16W 100KΩ
R 718	119-1041-10	1/16W 100KΩ
R 719	119-1041-10	1/16W 100KΩ
R 720	119-4731-10	1/16W 47KΩ
R 902	111-1221-91	1/4W 1.2KΩ
R 906	119-2231-10	1/16W 22KΩ
R 907	119-2231-10	1/16W 22KΩ
R 908	119-4721-10	1/16W 4.7KΩ
R 914	111-3311-91	1/4W 330Ω
R 915	111-2211-91	1/4W 220Ω
R 916	111-4711-91	1/4W 470Ω
R 917	111-2291-91	1/4W 2.2Ω
R 918	111-2291-91	1/4W 2.2Ω
R 919	111-1031-91	1/4W 10KΩ
R 920	111-1021-91	1/4W 1KΩ
R 922	119-1021-10	1/16W 1KΩ
R 923	119-1231-10	1/16W 12KΩ
R 924	119-1031-10	1/16W 10KΩ
R 925	119-1021-10	1/16W 1KΩ
R 926	111-3321-91	1/4W 3.3KΩ
R 927	119-4721-10	1/16W 4.7KΩ
R 928	119-1031-10	1/16W 10KΩ
R 929	119-4721-10	1/16W 4.7KΩ
R 930	119-2231-10	1/16W 22KΩ
R 931	119-4731-10	1/16W 47KΩ
R 932	119-1031-10	1/16W 10KΩ

REF No.	PART No.	DESCRIPTION
R 932	119-1031-10	1/16W 10KΩ
R 935	111-2291-91	1/4W 2.2Ω
R 936	111-2291-91	1/4W 2.2Ω
R 937	111-2221-91	1/4W 2.2KΩ
R 938	119-1031-10	1/16W 10KΩ
R 939	111-1591-91	1/4W 1.5Ω
R 940	111-1591-91	1/4W 1.5Ω
R 941	111-1591-91	1/4W 1.5Ω
R 942	111-1591-91	1/4W 1.5Ω

REF No.	PART No.	DESCRIPTION
R 943	119-1031-10	1/16W 10KΩ
R 944	111-1031-91	1/4W 10KΩ
R 952	111-1221-91	1/4W 1.2KΩ
R 953	111-4701-91	1/4W 47Ω
RCA801	855-8000-08	RCA PIN CORD
S 901	013-3932-01	SWTICH
		SKHHLMAO
SUP 101	060-0122-20	SURGE
T 901	009-9006-60	CHOKE

REF No.	PART No.	DESCRIPTION
X 201	061-1064-00	CRYSTAL
		AT 514.5MHz
X 401	061-9009-00	CRYSTAL
		16.9344MHz
	331-1861-00	EARTH PLATE
	800-0210-50	WIRE
	815-1425-00	SHIELD WIRE [*]

Switch PWB Section (B2)

REF No.	PART No.	DESCRIPTION
C 1	168-1022-05	1000pF
C 2	168-4732-78	0.047μF
C 3	168-4732-78	0.047μF
C 4	168-4732-78	0.047μF
D 1	001-0529-41	MA8075M
IC 1	051-6000-20	LC75853NW
J 1	076-0615-00	PLUG
LCD 1	379-1202-30	91-41316-310B0
LED 1	001-7030-02	NSPB310A
PL 1	017-0410-00	PILOT LAMP
PL 2	017-0410-00	PILOT LAMP
PL 3	017-0410-00	PILOT LAMP

REF No.	PART No.	DESCRIPTION
R 1	119-2221-10	1/16W 2.2KΩ
R 2	119-2221-10	1/16W 2.2KΩ
R 3	119-2221-10	1/16W 2.2KΩ
R 4	119-3921-10	1/16W 3.9KΩ
R 5	119-1241-10	1/16W 120KΩ
R 7	119-1031-10	1/16W 10KΩ
R 8	119-4731-10	1/16W 47KΩ
R 9	119-1521-10	1/16W 1.5KΩ
R 10	119-1521-10	1/16W 1.5KΩ
S 1	013-3812-11	SKQCACD010
S 2	013-6302-51	SKQMAJ-TAP
S 4	013-6302-51	SKQMAJ-TAP

REF No.	PART No.	DESCRIPTION
S 5	013-3812-11	SKQCACD010
S 6	013-6302-51	SKQMAJ-TAP
S 7	013-6302-51	SKQMAJ-TAP
S 8	013-3812-11	SKQCACD010
S 9	013-6302-51	SKQMAJ-TAP
S 10	013-6302-51	SKQMAJ-TAP
S 11	013-3812-11	SKQCACD010
S 12	013-3812-11	SKQCACD010
S 13	013-3812-11	SKQCACD010
S 14	013-3812-11	SKQCACD010
S 15	013-3812-11	SKQCACD010
VR 1	016-9900-81	EC12E24204A2

CD Mechanism Section

Sensor PWB Section (B3)

REF No.	PART No.	DESCRIPTION
SW2	658-0226-48	DET Switch

REF No.	PART No.	DESCRIPTION
SW3	658-0226-48	DET Switch

REF No.	PART No.	DESCRIPTION
SW4	658-0226-49	DET Switch

Connector PWB Section (B4)

REF No.	PART No.	DESCRIPTION
CN1	658-0226-50	26p Connector