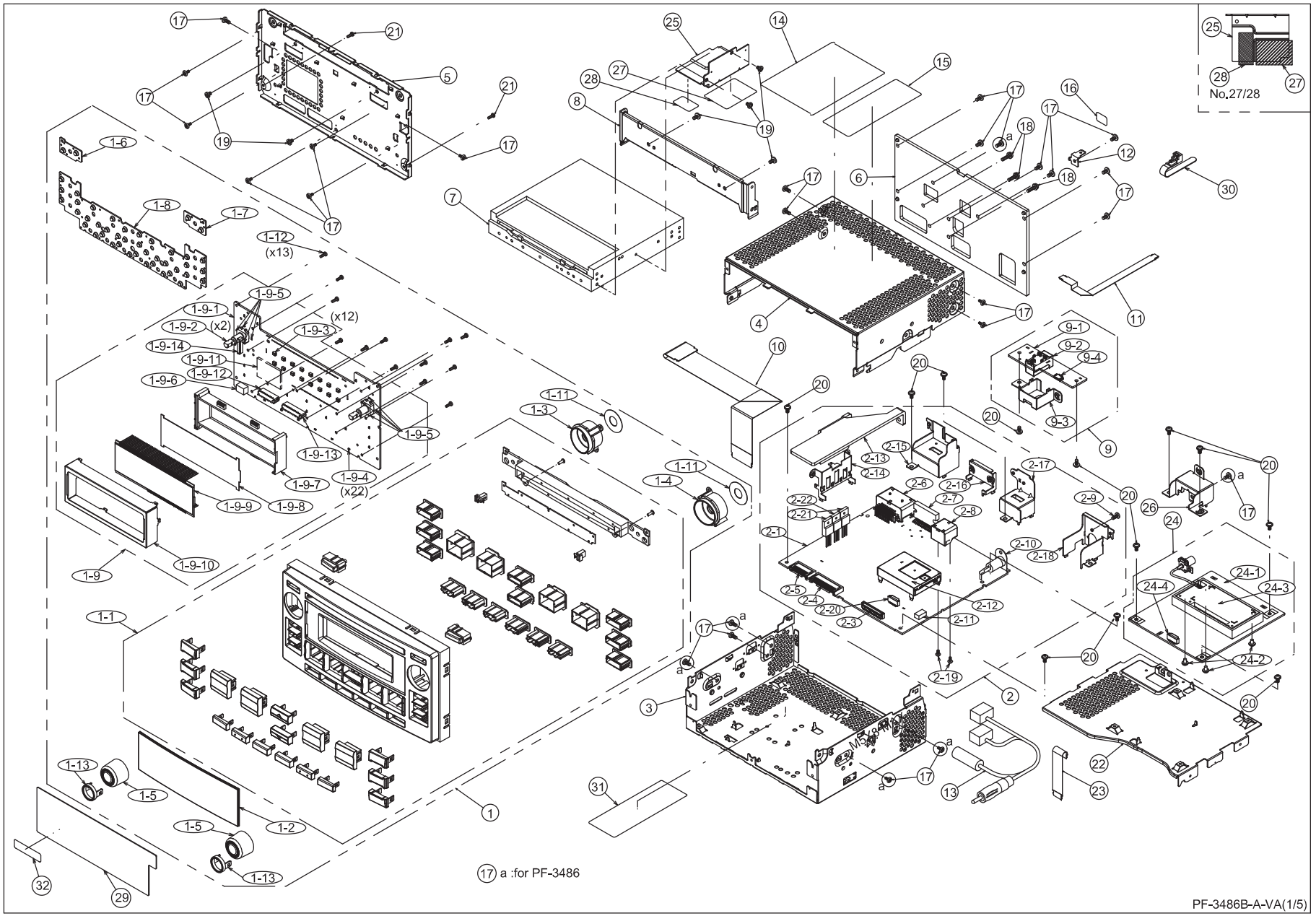
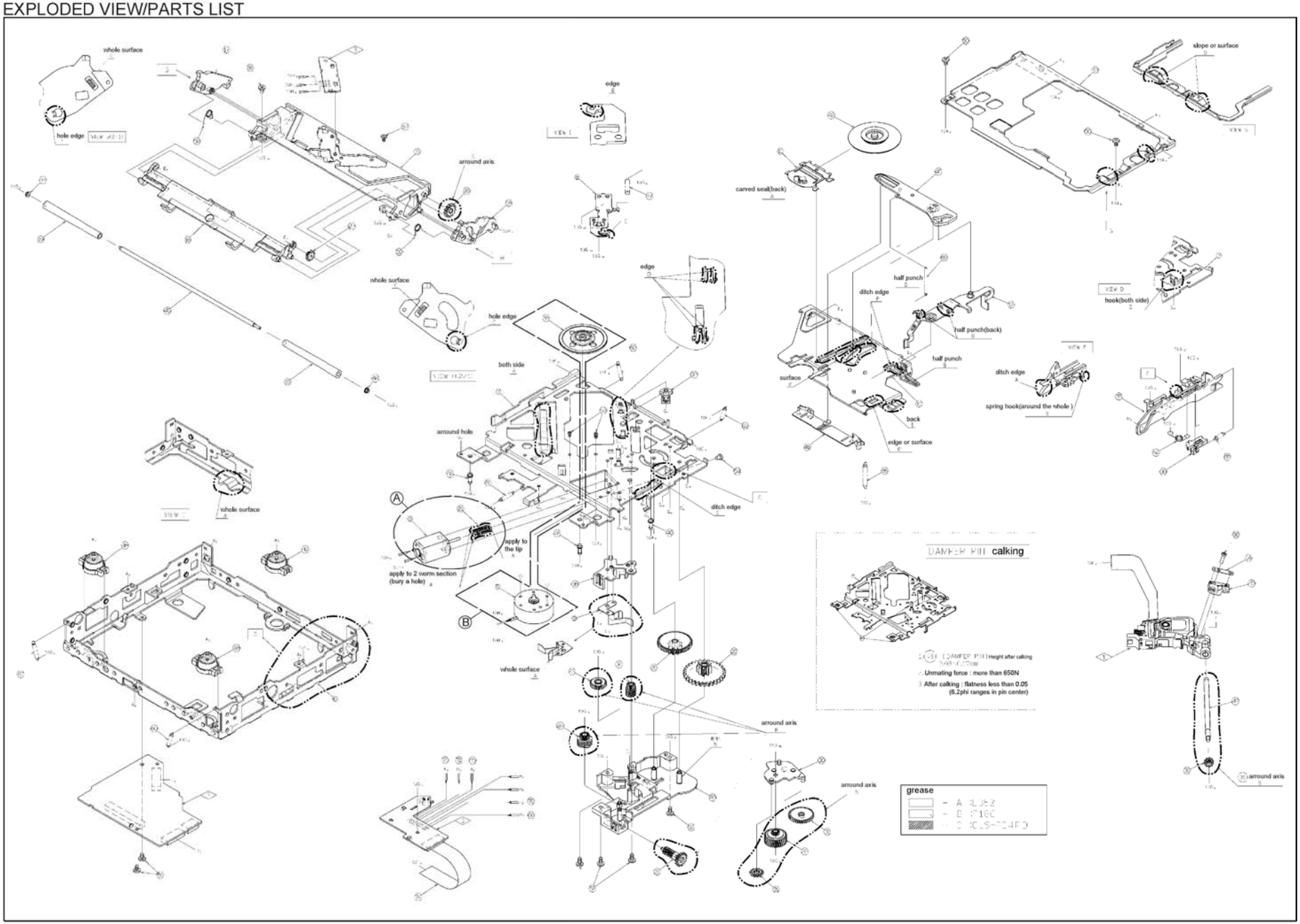
EXPLODED VIEW / PARTS LIST



NO.	PART NO.	DESCRIPTION	Q'TY
1	----------	PANEL-ASSY(3495A0-45)	1
1-1	940-8672-10	ESCUTCHEON-ASSY	1
1-2	373-1194-30	DIAL-CVR	1
1-3	335-8802-00	ILLUMI RING(L)	1
1-4	335-8831-00	ILLUMI RING(R)	1
1-5	380-5771-00	KNOB	2
1-6	345-6424-00	RUBBER SW(UP-L)	1
1-7	345-6426-00	RUBBER SW(UP-R)	1
1-8	345-6425-00	RUBBER SW(MID)	1
1-9	----------	SW-PWB-ASSY(3490A7-77)	1
1-9-1	----------	SW PWB(408300-039)	1
1-9-2	016-0018-24	VR W/SHAFT	2
1-9-3	001-7140-90	DIODE	12
1-9-4	001-7141-90	DIODE	22
1-9-5	001-7094-92	DIODE	8
1-9-6	060-8094-50	CERAMIC-ANT	1
1-9-7	335-9360-02	LCD-HOLDER	1
1-9-8	335-8828-00	FILTER	1
1-9-9	379-1474-63	LCD	1
1-9-10	331-4918-00	LCD-CVR	1
1-9-11	060-8144-90	BLUETOOTH MODUL	1
1-9-12	074-3055-20	OUTLET SOCKET	1
1-9-13	074-3055-24	OUTLET SOCKET	1
1-9-14	076-6000-65	PLUG	1
(1-10)	-	-	-
1-11	347-8873-00	SHADE	2
1-12	716-0778-52	SPECIAL SCREW	13
1-13	-	(KNOB RING) *N/A	-
2	----------	MAIN-PWB-ASSY(3495A7-75)	1
2-1	----------	MAIN PWB(400700-039)	1
(2-2)	-	-	-
2-3	074-2261-00	OUTLET SOCKET	1
2-4	076-3011-74	PLUG	1
2-5	076-3011-70	PLUG	1
2-6	074-4009-20	OUTLET SOCKET	1
2-7	051-2064-00	IC	1
2-8	074-1302-16	OUTLET SOCKET	1
2-9	714-2606-8B	MACHINE SCREW	1
2-10	092-0702-50	ANT-RECEPT	1
2-11	076-0478-59	PLUG	1
2-12	-	(TUNER PACK) *N/A	-
2-13	313-2162-00	SUB HEAT SINK	1
2-14	331-4414-00	TR HOLDER	1
2-15	331-5341-00	OUTLET HOLDER	1
2-16	331-4678-00	IC-HOLDER	1

NO.	PART NO.	DESCRIPTION	Q'TY
2-17	331-5342-00	OUTLET HOLDER	1
2-18	331-4915-00	OUTLET HOLDER	1
2-19	778-3006-00	TAP-SCREW	2
2-20	-	(SOCKET) *N/A	-
2-21	051-3333-00	IC	2
2-22	051-3366-00	IC	1
3	311-2049-00	LOWER CASE	1
4	310-1920-01	UPPER CASE	1
5	309-1960-01	ES PLATE	1
6	313-2161-00	HEAT SINK	1
7	929-5220-80	CD-MECH-MODULE	1
8	331-5343-00	MECH BRKT	1
9	----------	SUB-PWB-ASSY(3490A7-79)	1
9-1	----------	SUB PWB(401000-039)	1
9-2	074-4061-04	OUTLET SOCKET	1
9-3	331-5344-00	USB HOLDER	1
9-4	074-2262-60	OUTLET SOCKET	1
10	816-3121-55	FLAT WIRE	1
11	816-3119-55	FLAT WIRE	1
12	331-3579-20	EARTH PLATE	1
13	093-2205-02	ANT-JUMPER	1
14	276-1136-08	SETPLATE	1
15	290-0623-05	LABEL	1
16	290-0548-32	LABEL	1
17	714-2606-8B	MACHINE SCREW	19
18	735-2614-1B	D-SEMS SCREW	3
19	714-2603-89	MACHINE SCREW	6
20	716-0878-50	SPECIAL SCREW	7
21	716-0778-52	SPECIAL SCREW	2
22	-	(XM BRKT) *N/A	-
23	-	(FLAT WIRE) *N/A	-
24	-	(XM-PWB-ASSY) *N/A	-
24-1	-	(XM-PWB) *N/A	-
24-2	-	(IT SCREW) *N/A	-
24-3	-	(TUNER PACK) *N/A	-
24-4	-	(SOCKET) *N/A	-
25	331-5347-01	SUB MECH BRKT	1
26	-	(ANT HOLDER) *N/A	-
27	347-9128-00	PROTECTOR	1
28	347-9129-00	PROTECTOR	1
29	-	(PROTECTOR) *N/A	-
30	-	(LEAD HOLDER) *N/A	-
31	290-0699-03	LABEL	1
32	-	(LABEL) *N/A	-

EXPLODED VIEW/PARTS LIST



NO.	PART NO.	DESCRIPTION	Q'TY
A	HBS-668-100	POWER-MOTOR-ASSY	1
B	HBS-669-100	SPINDLE-MOTOR-ASSY	1
1	969-0080-30	PICKUP-ASSY	1
2	-----	MAIN-PWB-ASSY(5220AH-97)	1
3	-----	SENSOR-PWB-ASSY(5100BH-95)	1
4	-----	DC-MOTOR(PWR)(154000-020)	1
5	-----	DC-MOTOR(SPN)(154100-020)	1
6	620-1910-21	LOWER CHASSIS	1
7	620-1911-20	DRIVE PLATE	1
8	620-1912-21	ID-LOCK PLATE	1
9	620-1913-20	SPRING PLATE	1
10	620-1914-21	CLAMPER ARM	1
11	620-1915-22	CLAMPER PLATE	1
12	620-1916-22	SENSOR ARM	1
13	620-1928-20	UPPER CHASSIS	1
14	620-1918-21	LS-RACK PLATE	1
15	621-1845-22	UPPER GUIDE	1
16	621-1846-22	ROLLER GUIDE	1
17	621-1847-20	LOCK ARM L	1
18	621-1848-22	LOCK ARM R	1
19	621-1849-20	LOADING ROLLER	2
20	621-1850-22	GEAR BOX	1
21	-----	MOTOR GEAR(PWR)(185121-621)	1
22	621-1852-20	SECOND GEAR	1
23	621-1853-20	ROLLER GEAR A	1
24	621-1854-20	ROLLER GEAR B	1
25	621-1855-20	ROLLER GEAR C	1
26	621-1856-20	ROLLER GEAR D	1
27	621-1857-21	ROLLER GEAR E	1
28	621-1858-20	POWER GEAR A	1
29	621-1859-20	POWER GEAR B	1
30	621-1860-21	IDLE CASE	1
31	621-1861-20	IDLE GEAR A	1
32	621-1862-20	IDLE GEAR B	1
33	-----	TURN TABLE(SPN)(186320-621)	1
34	621-1864-20	THREAD GEAR A	1
35	621-1865-20	THREAD GEAR B	1
36	621-1866-20	LS-HOLDER A	1

NO.	PART NO.	DESCRIPTION	Q'TY
37	621-1867-20	LS-HOLDER B	1
38	621-1868-23	SHIFT LEVER	1
39	621-1869-21	RACK	1
40	621-1870-21	STOPPER LINK	1
41	621-1871-22	DISC STOPPER	1
42	621-1872-21	CLAMPER RING	1
43	621-1873-21	LS-RACK	1
44	621-1726-21	ROLLER SLEEVE	2
45	622-1885-20	ROLLER SHAFT	1
46	622-1886-20	DAMPER PIN	3
47	624-3062-20	LEAD SCREW	1
48	629-0138-21	DAMPER F	2
49	629-0139-21	DAMPER R	1
50	714-2003-8B	MACHIN SCREW	2
51	716-3718-00	SPECIAL SCREW	2
52	716-3719-00	SPECIAL SCREW	4
53	716-3720-00	SPECIAL SCREW	2
54	716-3721-00	SPECIAL SCREW	1
55	716-3722-00	SPECIAL SCREW	1
56	716-3723-02	SPECIAL-SCREW	1
57	716-3724-00	SPECIAL SCREW	1
58	750-7924-22	ROLLER SPRING L	1
59	750-7925-21	ROLLER SPRING R	1
60	750-7926-20	DR-SPRING F	2
61	750-7927-20	DR-SPRING C	1
62	750-7928-20	DR-SPRING RA	1
63	750-7929-20	DR-SPRING RB	1
64	750-7930-20	SHIFT SPRING	1
65	750-7931-20	RACK SPRING	1
66	750-7932-20	CLAMPER SPRING	1
67	750-7933-20	ID-LOCK SPRING	1
68	750-7934-20	SENSOR SPRING	1
69	803-4906-60	VINYL-COAT-WIRE	1
70	816-2590-00	SPECIAL LEAD	1
71	816-2591-00	SPECIAL LEAD	1
72	816-2592-00	SPECIAL LEAD	1
73	816-2593-00	SPECIAL LEAD	1
74	816-4070-50	FLAT WIRE	1

ELECTRICAL PARTS LIST

SENSOR PWB(B1) section

REF No.	PART No.	DESCRIPTION
D1	001-7138-91	SML-S13RT T86
D2	001-7138-91	SML-S13RT T86
J1	074-2504-10	OUTLET SOCKET

REF No.	PART No.	DESCRIPTION
Q1	060-4025-90	SML-H10TBT86
Q2	060-4025-90	SML-H10TBT86
S2	013-7414-50	SPVG220100

REF No.	PART No.	DESCRIPTION
PWB	039-3732-20	PWB(WITHOUT COMPONETS)

MAIN PWB(B2) section 1/3

REF No.	PART No.	DESCRIPTION
C1	----------	(N/A)
C2	----------	(N/A)
C3	----------	(N/A)
C4	----------	(N/A)
C5	046-1042-78	0.1uF K B
C6	168-1052-78	16V 1uF K
C7	042-0560-85	6.3V 100uF
C8	----------	(N/A)
C9	----------	(N/A)
C10	168-1052-78	16V 1uF K
C11	046-1042-78	0.1uF K B
C12	165-1073-35	16V 100uF
C13	046-1042-78	0.1uF K B
C14	----------	(N/A)
C15	046-1042-78	0.1uF K B
C16	046-4722-58	4700pF K B
C17	046-1042-78	0.1uF K B
C18	046-2222-58	2200pF K B
C20	046-1042-78	0.1uF K B
C21	043-0552-90	6.3V 47uF M
C22	046-1042-78	0.1uF K B
C23	046-1522-58	1500pF K B
C24	046-1042-78	0.1uF K B
C25	046-1532-78	0.015uF K B
C26	----------	(N/A)
C27	046-1032-78	0.01uF K B
C28	046-1042-78	0.1uF K B
C29	046-3332-78	0.033uF K B
C30	046-4712-58	470pF K B
C31	045-4701-50	47pF CH

REF No.	PART No.	DESCRIPTION
C32	168-1532-55	0.015uF K
C33	046-4732-78	0.047uF K B
C34	046-3322-58	3300pF K B
C35	046-4732-78	0.047uF K B
C36	046-4712-58	470pF K B
C37	046-1042-78	0.1uF K B
C38	046-1042-78	0.1uF K B
C39	046-1042-78	0.1uF K B
C40	046-1032-78	0.01uF K B
C41	046-1042-78	0.1uF K B
C42	045-1007-50	10 +/-0.5pF CH
C43	046-1042-78	0.1uF K B
C44	046-1042-78	0.1uF K B
C45	043-0570-90	16V 2.2uF K
C46	043-0570-90	16V 2.2uF K
C47	045-1201-50	12pFJ CH
C48	045-1201-50	12pFJ CH
D1	001-0367-91	1SS226
IC1	051-6101-90	BD8226EFV
IC2	051-6751-00	TC94A93MFG-201
J1	074-2215-65	15P
J2	074-2504-10	OUTLET SOCKET
Q1	190-1365-50	2SA1365 AF,AG
R1	033-2211-15	1/16W 220 ohm J
R2	033-0000-05	1/16W 0 ohm
R3	033-0000-05	1/16W 0 ohm
R4	117-1821-15	1/8W 1.8k ohm
R5	033-0000-05	1/16W 0 ohm
R6	033-0000-05	1/16W 0 ohm
R7	033-1831-15	1/16W 18k ohm J

REF No.	PART No.	DESCRIPTION
R8	033-1231-15	1/16W 12k ohm J
R9	116-1001-15	1/4W 10 ohm
R10	033-2731-15	1/16W 27k ohm J
R11	033-1541-15	1/16W 150k ohm J
R12	033-1031-15	1/16W 10k ohm J
R13	033-2211-15	1/16W 220 ohm J
R14	033-2231-15	1/16W 22k ohm J
R15	033-4731-15	1/16W 47k ohm J
R16	033-3341-15	1/16W 330k ohm J
R17	033-0000-05	1/16W 0 ohm
R18	033-4731-15	1/16W 47k ohm J
R19	033-4731-15	1/16W 47k ohm J
R20	033-3301-15	1/16W 33 ohm J
R21	033-1011-15	1/16W 100 ohm J
R22	033-1011-15	1/16W 100 ohm J
R23	033-4731-15	1/16W 47k ohm J
R24	033-1041-15	1/16W 100k ohm J
R25	033-1051-15	1/16W 1M ohm J
R26	033-2221-15	1/16W 2.2k ohm J
R27	033-4731-15	1/16W 47k ohm J
R28	033-2211-15	1/16W 220 ohm J
R29	033-2211-15	1/16W 220 ohm J
R30	033-2211-15	1/16W 220 ohm J
R91	033-1031-15	1/16W 10k ohm J
R95	----------	(N/A)
RN1	050-0140-52	1/32W 100 ohm x4J
RN2	050-0140-67	1/32W 220 ohm x4J
RN3	050-0140-57	1/32W 10k ohm x4J
X1	061-3586-90	DSX321G(F) 16.920MHz

MAIN PWB(B2) section 2/3

REF No.	PART No.	DESCRIPTION
C49	046-1042-78	0.1uF K B
C50	046-1042-78	0.1uF K B
C51	046-1042-78	0.1uF K B
C52	046-1042-78	0.1uF K B
C53	046-1042-78	0.1uF K B
C54	046-1042-78	0.1uF K B
C55	045-8097-50	8 +/-0.5pF CH
C56	046-1042-78	0.1uF K B
C57	046-1042-78	0.1uF K B
C58	045-8097-50	8 +/-0.5pF CH
C59	046-1042-78	0.1uF K B
C60	046-1042-78	0.1uF K B
IC3	052-5079-20	IC_TMPM321F10FG-7KP8
IC4	----------	(N/A)
IC5	051-6934-90	MFI341S2313
P1	----------	(N/A)
R31	033-4721-15	1/16W 4.7k ohm J
R32	033-4721-15	1/16W 4.7k ohm J
R33	----------	(N/A)
R34	033-4731-15	1/16W 47k ohm J
R35	033-4731-15	1/16W 47k ohm J
R36	033-1031-15	1/16W 10k ohm J
R37	033-1041-15	1/16W 100k ohm J

REF No.	PART No.	DESCRIPTION
R39	033-1031-15	1/16W 10k ohm J
R40	033-1031-15	1/16W 10k ohm J
R41	033-1011-15	1/16W 100 ohm J
R42	033-1041-15	1/16W 100k ohm J
R43	033-4731-15	1/16W 47k ohm J
R44	033-4731-15	1/16W 47k ohm J
R45	033-4731-15	1/16W 47k ohm J
R46	033-1041-15	1/16W 100k ohm J
R47	033-1041-15	1/16W 100k ohm J
R48	033-0000-05	1/16W 0 ohm
R49	033-1031-15	1/16W 10k ohm J
R50	033-2201-15	1/16W 22 ohm J
R51	033-2201-15	1/16W 22 ohm J
R52	033-2201-15	1/16W 22 ohm J
R53	033-1011-15	1/16W 100 ohm J
R54	033-1011-15	1/16W 100 ohm J
R55	033-1011-15	1/16W 100 ohm J
R56	033-0000-05	1/16W 0 ohm
R57	033-1011-15	1/16W 100 ohm J
R58	033-1011-15	1/16W 100 ohm J
R59	033-1041-15	1/16W 100k ohm J
R60	033-1041-15	1/16W 100k ohm J
R61	----------	(N/A)
R62	----------	(N/A)

REF No.	PART No.	DESCRIPTION
R63	----------	(N/A)
R64	033-1041-15	1/16W 100k ohm J
R65	033-1041-15	1/16W 100k ohm J
R66	033-1041-15	1/16W 100k ohm J
R67	033-1041-15	1/16W 100k ohm J
R68	033-4721-15	1/16W 4.7k ohm J
R69	033-1031-15	1/16W 10k ohm J
R70	033-4721-15	1/16W 4.7k ohm J
R71	033-1031-15	1/16W 10k ohm J
R92	033-1041-15	1/16W 100k ohm J
R93	033-1041-15	1/16W 100k ohm J
R94	033-1041-15	1/16W 100k ohm J
RN4	050-0140-52	1/32W 100 ohm x4J
RN5	050-0140-57	1/32W 10k ohm x4J
RN6	050-0140-57	1/32W 10k ohm x4J
RN7	050-0140-60	1/32W 33k ohm x4J
RN8	050-0140-57	1/32W 10k ohm x4J
RN9	050-0140-57	1/32W 10k ohm x4J
RN10	050-0140-63	1/32W 47k ohm x4J
RN11	050-0140-51	1/32W 22 ohm x4J
RN12	050-0140-57	1/32W 10k ohm x4J
RN13	050-0140-57	1/32W 10k ohm x4J
RN14	050-0140-64	1/32W 100k ohm x4J
X2	061-3580-90	12MHz

MAIN PWB(B2) section 3/3

REF No.	PART No.	DESCRIPTION
C61	168-1052-78	16V 1uF K
C62	042-0560-85	6.3V 100uF
C66	168-1052-78	16V 1uF K
C67	046-1042-78	0.1uF K B
C68	043-0552-90	6.3V 47uF M
C71	046-1042-78	0.1uF K B
C72	046-1042-78	0.1uF K B
C73	168-1042-78	16V 0.1uF K
C74	043-0552-90	6.3V 47uF M
C75	046-6822-58	6800pF K B
C76	168-1042-78	16V 0.1uF K
C77	046-1022-58	50V 1000pF
C78	043-0552-90	6.3V 47uF M
C79	043-0552-90	6.3V 47uF M
ET1	073-0792-90	TERMINAL
IC7	051-3392-90	S-1323B15NB-N8ATFG

REF No.	PART No.	DESCRIPTION
IC8	051-5417-90	S-1009N27I-M5T1
IC9	051-3392-90	S-1323B15NB-N8ATFG
J3	074-2248-50	50P
J4	074-2262-60	10P
L1	010-3127-90	33 ohm/100MHz
L2	010-3127-90	33 ohm/100MHz
NF1	010-3608-90	90 ohm/100MHz
P2	----------	(N/A)
Q2	125-2027-92	DTC124EUA
Q3	191-1197-50	2SB1197K Q,R
Q4	125-2027-92	DTC124EUA
Q5	125-0021-92	DTA124EUA
R72	033-1021-15	1/16W 1k ohm J
R73	033-1031-15	1/16W 10k ohm J
R74	033-1041-15	1/16W 100k ohm J
R75	033-5611-15	1/16W 560 ohm J

REF No.	PART No.	DESCRIPTION
R77	033-1031-15	1/16W 10k ohm J
R78	033-1041-15	1/16W 100k ohm J
R79	033-2221-15	1/16W 2.2k ohm J
R80	032-0163-96	1/2W 27 ohm J
R81	032-0163-96	1/2W 27 ohm J
R82	033-1531-15	1/16W 15k ohm J
R83	033-1531-15	1/16W 15k ohm J
R84	033-3301-15	1/16W 33 ohm J
R85	----------	(N/A)
R86	----------	(N/A)
R87	033-0000-05	1/16W 0 ohm
R88	033-0000-05	1/16W 0 ohm
R89	033-0000-05	1/16W 0 ohm
R90	033-0000-05	1/16W 0 ohm