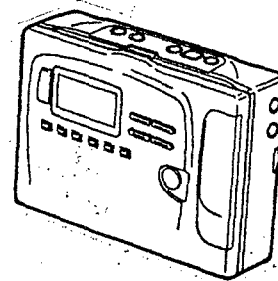


AIWA®

HS-JX3000 HS-JX3000D

SERVICE MANUAL



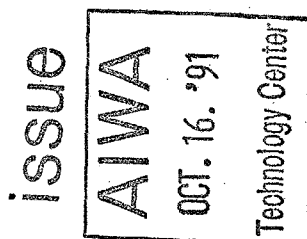
STEREO RADIO CASSETTE RECORDER

• BASIC TAPE MECHANISM : OZM - 4

• TYPE: JX3000AH1, AK1, AZ1
JX3000DAH1

[PRELIMINARY]

TENTATIVE USE ONLY



AIWA Co., Ltd.

Tokyo Japan

Printed in Japan

658

SPECIFICATIONS

Frequency range:

FM: 87.5/87.5 — 108.1/108MHz (200kHz/50kHz STEP)

AM: 530/531 — 1710/1602kHz (10/9kHz STEP)

Maximum output:

7mW + 7mW (EIAJ/32Ω)

10mW + 10mW (EIAJ/16Ω)

Power source:

Battery DC 2V, rechargeable battery (PB-S5)

Battery DC 3V, LR-03 (UM-4, AAA, R03) × 2

Domestic AC power (using the optional AC adaptor)

Battery life:

Rechargeable battery (PB-S5)

Approx. 2 hours (EIAJ, REC/1 hour recharging)

Approx. 1.5 hours (EIAJ, PB 1mW/10 minutes recharging)

Approx. 2.5 hours (EIAJ, PB 1mW/1 hour recharging)

Dimensions:

76.2 (W) × 107 (H) × 27.2 (D) mm

(3 × 4 1/4 × 1 1/8 inches)

Weight:

Approx. 220g (0.48 lbs) incl. rechargeable battery

< Battery charger: >

Rated voltage:

AC209H AC115/230V, switchable

AC209E AC220V

AC209K AC240V

AC209UC AC120V

Rated input:

10VA 50/60Hz

Usable batteries:

AIWA rechargeable battery (PB-S5)

Rated output:

DC 2.5V 350mA

- Design and specifications are subject to change without notice.
- Noise reduction system manufactured under license from Dolby Laboratories Licensing Corporation.
- "Dolby", the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation.
- The word "BBE" and the "BBE symbol" are trademarks of BBE Sound, Inc.
- Under license from BBE Sound, Inc.

■ ACCESSORIES/PACKAGE LIST

PART NO. CHANGED TO	REF. NO.	PART NO.	DESCRIPTION	COMMON MODEL	Q,TY
	1	★81-HJB-902-010	INSTRUCTION BOOKLET EX (EXCEPT DAH1)	※	1
	2	★81-HJB-901-010	INSTRUCTION BOOKLET DH ((DAH1)	※	1
	3	★81-HJB-952-010	REMOTE CONTROL RC-J70G	※	1
	4	★87-041-051-010	MIC CM-S20		1
	5	★87-042-090-010	AC-209H GLD (AH1)		1
	6	★87-042-089-010	AC-209W GLD (DAH1)		1
	7	★87-042-092-010	AC-209K GLD (AK1)		1
	8	★87-042-091-010	AC-209E GLD (AZ1)		1
	9	★87-047-019-010	PB-S5Y		1
	10	★80-YH1-019-010	HP-SD9		1
	11	★87-009-724-010	PLUG ADAPTOR IR39 (DAH1,AH1)		1
	12	★87-042-079-010	VOLTAGE SELECTOR DRIVER		1
	13	★09-027-910-010	BATTERY BOX ASSY		1

ELECTRICAL MAIN PARTS LIST

REF.NO. PART NO. DESCRIPTION

=== IC ===

87-002-522-080 IC,CXA1405AM
87-002-425-080 IC,MM1085 XF
87-002-463-080 IC,MSM6374-534QS
87-020-955-180 IC,NJM2065AM

87-002-545-080 IC,TA2018FN
87-020-234-080 IC,TA7688F(S)
87-001-971-080 IC,TA8132AF
87-001-931-080 IC,TA8152AFN

87-002-360-080 IC,TA8154FN(HS-JX3000DAH)
87-001-894-080 IC,TA8155FN
87-002-544-080 IC,TA8161F
87-002-611-080 IC,TB2003-003-FN

87-001-550-080 IC,TC7S04F
87-001-585-080 IC,TC7S32F
87-002-516-010 IC,TC9316F-003(HS-JX3000DAH)
87-002-543-010 IC,TC9316F-004(HS-JX3000H,K,Z)

87-001-151-080 IC,TD6134FI
87-002-406-080 IC,TPIC326ADB
87-002-467-010 IC,XRC5484
87-026-553-080 TRANSISTOR,RN4608

=== TRANSISTOR ===

89-112-134-080 TRANSISTOR,2SA1213Y
89-113-625-080 TRANSISTOR,2SA1362GR
89-115-864-080 TRANSISTOR,2SA1586Y
89-115-884-080 TRANSISTOR,2SA1588Y

89-341-165-080 TRANSISTOR,2SC4116GR
89-342-132-080 TRANSISTOR,2SC4213B
89-342-153-080 TRANSISTOR,2SC42150
89-508-804-080 FET,2SK880 Y

89-508-824-080 FET,2SK882 Y
87-026-346-080 TRANSISTOR,DTC114VU(HS-JX3000DAH)
87-026-342-080 TRANSISTOR,DTC144EU
87-026-467-080 TRANSISTOR,HN1C01F(GR)

87-026-470-080 TRANSISTOR,HN1C03F(H)
87-026-412-080 TRANSISTOR,RN1305
87-026-414-080 TRANSISTOR,RN1307
87-026-417-080 TRANSISTOR,RN1310

87-026-418-080 TRANSISTOR,RN1311
87-026-474-080 TRANSISTOR,RN1605
87-026-475-080 TRANSISTOR,RN1607
87-026-476-080 TRANSISTOR,RN1610(HS-JX3000DAH)

87-026-422-070 TRANSISTOR,RN2304
87-026-423-080 TRANSISTOR,RN2305
87-026-425-080 TRANSISTOR,RN2307
87-026-478-080 TRANSISTOR,RN2607

87-026-479-080 TRANSISTOR,RN2610
87-026-481-080 TRANSISTOR,RN4607
87-026-482-080 TRANSISTOR,RN4610

=== DIODE ===

87-001-165-080 DIODE,CHIP ISS300
87-001-166-080 DIODE,CHIP ISS301
87-001-167-080 DIODE,CHIP ISS302
87-001-221-080 DIODE,CHIP ISS319

87-001-553-080 DIODE,CHIP ISS322
87-001-764-080 DIODE,CHIP IMN10

=== MAIN CIRCUIT BOARD SECTION ===

C1 87-015-923-080 CAP,CHIP TANTALUM 0.22-35
C2 87-015-923-080 CAP,CHIP TANTALUM 0.22-35
C3 87-010-787-080 CAP,CHIP U 0.022-25B
C4 87-010-787-080 CAP,CHIP U 0.022-25B

REF.NO. PART NO. DESCRIPTION

C5 87-010-805-080 CAP,CHIP S 1-16 F
C6 87-010-805-080 CAP,CHIP S 1-16 F
C7 87-010-805-080 CAP,CHIP S 1-16 F
C8 87-010-805-080 CAP,CHIP S 1-16 F

C9 87-012-195-080 CAP,CHIP U 100P-50 CH
C10 87-012-195-080 CAP,CHIP U 100P-50 CH
C11 87-010-805-080 CAP,CHIP S 1-16 F
C12 87-010-805-080 CAP,CHIP S 1-16 F

C13 87-012-274-080 CAP,CHIP U 1000P-50 B
C14 87-012-274-080 CAP,CHIP U 1000P-50 B
C15 87-012-269-080 CAP,CHIP U 390P-50 B
C16 87-012-269-080 CAP,CHIP U 390P-50 B

C17 87-010-949-080 CAP,CHIP S 0.01-50 B J
C18 87-010-949-080 CAP,CHIP S 0.01-50 B J
C19 87-010-640-080 CAP,CHIP TANTALUM 22-4
C20 87-010-640-080 CAP,CHIP TANTALUM 22-4

C21 87-010-805-080 CAP,CHIP S 1-16 F
C22 87-010-805-080 CAP,CHIP S 1-16 F
C23 87-010-805-080 CAP,CHIP S 1-16 F
C24 87-010-805-080 CAP,CHIP S 1-16 F

C25 87-010-757-080 CAP,CHIP U 0.047-25F
C26 87-010-757-080 CAP,CHIP U 0.047-25F
C27 87-015-934-080 CAP,CHIP TANTALUM 2.2-4
C28 87-015-934-080 CAP,CHIP TANTALUM 2.2-4

C29 87-012-141-080 CAP,CHIP S 0.22-16 F
C30 87-012-141-080 CAP,CHIP S 0.22-16 F
C31 87-012-141-080 CAP,CHIP S 0.22-16 F
C32 87-012-141-080 CAP,CHIP S 0.22-16 F

C33 87-015-934-080 CAP,CHIP TANTALUM 2.2-4
C34 87-015-934-080 CAP,CHIP TANTALUM 2.2-4
C35 87-012-284-080 CAP,CHIP U 6800P-50 B
C36 87-012-284-080 CAP,CHIP U 6800P-50 B

C37 87-012-197-080 CAP,CHIP U 150P-50 CH
C38 87-012-197-080 CAP,CHIP U 150P-50 CH
C39 87-012-283-080 CAP,CHIP U 5600P-50 B
C40 87-012-283-080 CAP,CHIP U 5600P-50 B

C41 87-012-286-080 CAP,CHIP U 0.01-25 B
C42 87-012-286-080 CAP,CHIP U 0.01-25 B
C43 87-012-283-080 CAP,CHIP U 5600P-50 B
C44 87-012-283-080 CAP,CHIP U 5600P-50 B

C45 87-010-805-080 CAP,CHIP S 1-16 F
C46 87-010-805-080 CAP,CHIP S 1-16 F
C47 87-012-286-080 CAP,CHIP U 0.01-25 B
C48 87-012-286-080 CAP,CHIP U 0.01-25 B

C49 87-010-757-080 CAP,CHIP U 0.047-25F
C50 87-010-757-080 CAP,CHIP U 0.047-25F
C51 87-010-757-080 CAP,CHIP U 0.047-25F
C52 87-010-757-080 CAP,CHIP U 0.047-25F

C53 87-012-273-080 CAP,CHIP U 820P-50 B
C54 87-012-273-080 CAP,CHIP U 820P-50 B
C55 87-012-195-080 CAP,CHIP U 100P-50 CH
C56 87-012-195-080 CAP,CHIP U 100P-50 CH

C57 87-015-934-080 CAP,CHIP TANTALUM 2.2-4
C58 87-015-934-080 CAP,CHIP TANTALUM 2.2-4
C59 87-010-757-080 CAP,CHIP U 0.047-25F
C60 87-010-757-080 CAP,CHIP U 0.047-25F

C61 87-015-934-080 CAP,CHIP TANTALUM 2.2-4
C62 87-015-934-080 CAP,CHIP TANTALUM 2.2-4
C63 87-010-424-080 CAP,CHIP TANTALUM 4.7-4
C64 87-010-424-080 CAP,CHIP TANTALUM 4.7-4

C65 87-012-142-080 CAP,CHIP S 0.33-16 F
C66 87-012-142-080 CAP,CHIP S 0.33-16 F
C67 87-010-758-080 CAP,CHIP U 0.068-25F
C68 87-010-758-080 CAP,CHIP U 0.068-25F

REF.NO. PART NO. DESCRIPTION

C69 87-010-758-080 CAP,CHIP U 0.068-25F
C70 87-010-758-080 CAP,CHIP U 0.068-25F
C71 87-010-805-080 CAP,CHIP S 1-16 F
C72 87-010-805-080 CAP,CHIP S 1-16 F

C73 87-012-281-080 C-CAP,U 3900P-50 B
C74 87-012-281-080 C-CAP,U 3900P-50 B
C75 87-016-034-080 CAP,CHIP U 0.027-25 F
C76 87-016-034-080 CAP,CHIP U 0.027-25 F

C77 87-010-805-080 CAP,CHIP S 1-16 F
C78 87-010-805-080 CAP,CHIP S 1-16 F
C79 87-010-805-080 CAP,CHIP S 1-16 F
C80 87-010-805-080 CAP,CHIP S 1-16 F

C81 87-012-275-080 CAP,CHIP U 1200P-50 B
C82 87-012-275-080 CAP,CHIP U 1200P-50 B
C83 87-012-141-080 CAP,CHIP S 0.22-16 F
C84 87-012-141-080 CAP,CHIP S 0.22-16 F

C85 87-010-822-010 CAP,ELECT 220-4 (MJ)
C86 87-010-822-010 CAP,ELECT 220-4 (MJ)
C101 87-010-640-080 CAP,CHIP TANTALUM 22-4
C102 87-010-746-080 CAP,CHIP TANTALUM 10-4

C103 87-010-640-080 CAP,CHIP TANTALUM 22-4
C104 87-012-274-080 CAP,CHIP U 1000P-50 B
C105 87-012-270-080 CAP,CHIP U 470P-50 B
C106 87-012-286-080 CAP,CHIP U 0.01-25 B

C107 87-012-270-080 CAP,CHIP U 470P-50 B
C108 87-012-278-080 CAP,CHIP U 2200P-50 B
C109 87-010-197-080 CAP,CHIP S 0.01-25 B
C110 87-010-424-080 CAP,CHIP TANTALUM 4.7-4

C111 87-012-286-080 CAP,CHIP U 0.01-25 B
C112 87-012-279-080 CAP,CHIP U 2700P-50 B
C113 87-012-286-080 CAP,CHIP U 0.01-25 B
C114 87-010-805-080 CAP,CHIP S 1-16 F

C115 87-010-805-080 CAP,CHIP S 1-16 F
C116 87-010-942-080 CAP,CHIP ELECT 47-4
C117 87-010-944-080 CAP,CHIP ELECT 220-4
C118 87-010-424-080 CAP,CHIP TANTALUM 4.7-4

C119 87-010-746-080 CAP,CHIP TANTALUM 10-4
C120 87-010-805-080 CAP,CHIP S 1-16 F
C121 87-010-746-080 CAP,CHIP TANTALUM 10-4
C122 87-012-286-080 CAP,CHIP U 0.01-25 B

C123 87-010-805-080 CAP,CHIP S 1-16 F
C124 87-010-759-080 CAP,CHIP U 0.1-25F
C125 87-012-278-080 CAP,CHIP U 2200P-50 B
C126 87-010-759-080 CAP,CHIP U 0.1-25F

C127 87-010-758-080 CAP,CHIP U 0.068-25F
C128 87-010-943-080 CAP,CHIP ELECT 100-4
C129 87-012-286-080 CAP,CHIP U 0.01-25 B
C130 87-010-944-080 CAP,CHIP ELECT 220-4

C131 87-010-942-080 CAP,CHIP ELECT 47-4
C132 87-010-640-080 CAP,CHIP TANTALUM 22-4
C133 87-012-286-080 CAP,CHIP U 0.01-25 B
C134 87-010-944-080 CAP,CHIP ELECT 220-4

C135 87-010-971-080 CAP,CHIP S 4700P-50 B J
C136 87-015-923-080 CAP,CHIP TANTALUM 0.22-35
C137 87-010-196-080 CAP,CHIP S 0.1-25 F
C138 87-015-934-080 CAP,CHIP TANTALUM 2.2-4

C139 87-010-505-080 CAP,CHIP TANTALUM 1-16
C140 87-010-504-080 CAP,CHIP TANTALUM 0.47-25
C141 87-010-194-080 CAP,CHIP S 0.047-25 F
C142 87-010-504-080 CAP,CHIP TANTALUM 0.47-25

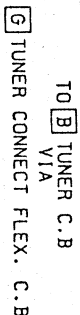
C143 87-010-196-080 CAP,CHIP S 0.1-25 F
C144 87-010-214-080 CAP,CHIP TANTALUM 0.68-16
C145 87-010-196-080 CAP,CHIP S 0.1-25 F
C146 87-015-922-080 CAP,CHIP TANTALUM 0.1-35

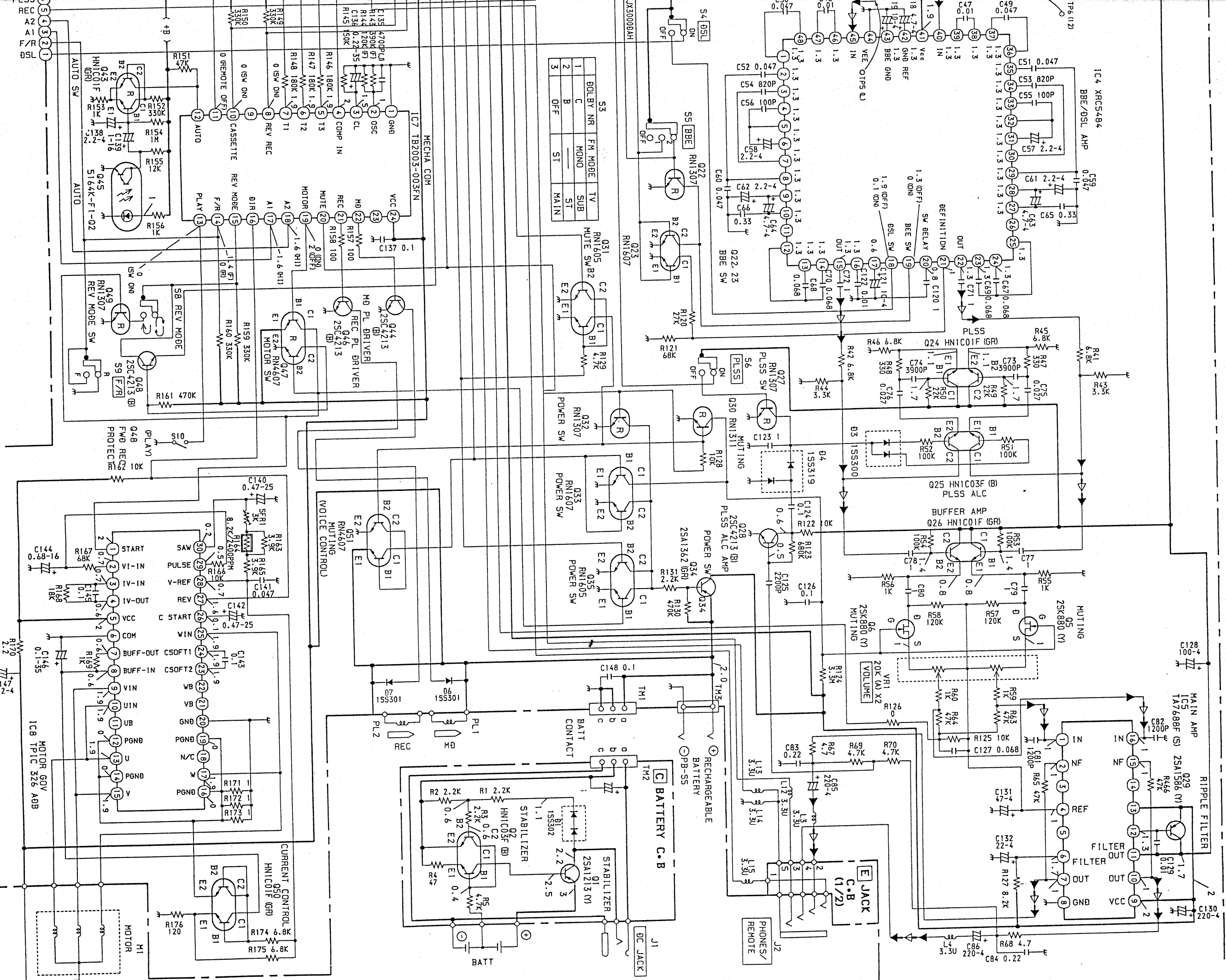
REF.NO.	PART NO.	DESCRIPTION
C147	\$87-015-934-080	CAP,CHIP TANTALUM 2.2-4
C148	\$87-010-196-080	CAP,CHIP S 0.1-25 F
CP1	87-026-504-010	PHOTO SENSOR,5164K-F1-Q2
LI	\$81-HJ1-626-080	COIL,CHIP 10MMH
L2	\$81-HJ1-626-080	COIL,CHIP 10MMH
L3	\$87-003-240-080	COIL,CHIP S 3.3UH
L4	\$87-003-240-080	COIL,CHIP S 3.3UH
L11	\$87-007-246-080	COIL,CHIP OSC BIAS
L12	\$87-003-240-080	COIL,CHIP S 3.3UH
L13	\$81-HJ1-620-010	COIL,LOADING
L14	\$87-003-240-080	COIL,CHIP S 3.3UH
L15	\$87-003-240-080	COIL,CHIP S 3.3UH
R7	87-022-292-080	RES,CHIP U 330K-1/16W F
R8	87-022-292-080	RES,CHIP U 330K-1/16W F
R9	87-022-243-080	RES,CHIP U 15K-1/16W F
R10	87-022-243-080	RES,CHIP U 15K-1/16W F
R13	87-022-280-080	RES,CHIP U 560-1/16W F
R14	87-022-280-080	RES,CHIP U 560-1/16W F
R15	87-022-280-080	RES,CHIP U 560-1/16W F
R16	87-022-280-080	RES,CHIP U 560-1/16W F
R136	87-022-282-080	RES,CHIP U 750-1/16W F
R137	87-022-232-080	RES,CHIP U 5.1K-1/16W F
R143	87-022-293-080	RES,CHIP U 390K-1/16W F
R144	87-022-287-080	RES,CHIP U 120K-1/16W F
R164	87-022-043-080	RES,CHIP MF 8.2K-1/8
S1	87-036-244-080	SLIDE SW(F/R)
S2	80-ZM4-605-010	LEAF SW(REC)
S3	87-036-145-080	SLIDE SW
S4	87-036-123-080	SLIDE SW(DSL)
S5	87-036-145-080	SLIDE SW(BRE)
S6	87-036-123-080	SLIDE SW(PLSS)
S7	87-036-145-080	SLIDE SW(REMOTE)
S8	87-036-123-080	SLIDE SW(REVERSE MODE)
S9	87-036-236-080	SLIDE SW(F/R)
S10	87-036-237-080	PUSH SW(PLAY)
SFR1	\$87-024-424-080	SFR,CHIP 3K RVG4H
TM1	HK3-212	TERMINAL
TM3	\$80-HK3-606-010	TERMINAL ASSY
VR1	87-024-155-010	VOLUME,20K(A) (VOLUME)
=== TUNER CIRCUIT BOARD SECTION ===		
BPF201	87-008-406-080	FILTER,GFMB1(HS-JX3000H,K,Z)
BPF201	\$87-030-166-080	FILTER,GTVS03(HS-JX3000DAH)
C201	\$87-012-274-080	CAP,CHIP U 1000P-50 B
C202	\$87-010-873-080	CAP,CHIP U 560P-50 SL
C203	\$87-012-275-080	CAP,CHIP U 1200P-50 B
C204	\$87-012-169-080	CAP,CHIP U 7P-50 CH(HS-JX3000DAH)
C205	\$87-010-873-080	CAP,CHIP U 560P-50 SL(HS-JX3000DAH)
C206	\$87-012-337-080	CAP,CHIP U 56P-50 CH(HS-JX3000DAH)
C207	\$87-012-286-080	CAP,CHIP U 0.01-25 B
C208	87-012-336-080	CAP,CHIP U 330P-50 SL(HS-JX3000DAH)
C208	87-012-337-080	CAP,CHIP U 56P-50 CH(HS-JX3000H,K,Z)
C209	\$87-012-286-080	CAP,CHIP U 0.01-25 B
C210	\$87-012-166-080	CAP,CHIP U 4P-50 CH(HS-JX3000DAH)
C210	87-012-165-080	CAP,CHIP U 3P-50 CS(HS-JX3000H,K,Z)
C211	\$87-012-275-080	CAP,CHIP U 1200P-50 B
C212	\$87-010-829-080	CAP,CHIP U 0.047-16F
C213	\$87-012-282-080	CAP,CHIP U 4700P-50 B
C214	\$87-010-316-080	CAP,CHIP S 33P-50 CH(HS-JX3000DAH)
C215	\$87-012-162-080	CAP,CHIP U 1P-50 CK(HS-JX3000DAH)
C216	\$87-012-162-080	CAP,CHIP U 1P-50 CK
C217	\$87-012-140-080	CAP,CHIP S 470P-50 CH(HS-JX3000DAH)
C217	87-010-316-080	CAP,CHIP S 33P-50 CH(HS-JX3000H,K,Z)
C218	\$87-012-286-080	CAP,CHIP U 0.01-25 B

REF.NO.	PART NO.	DESCRIPTION
C219	\$87-012-337-080	CAP,CHIP U 56P-50 CH
C220	\$87-012-197-080	CAP,CHIP U 150P-50 CH
C221	\$87-010-829-080	CAP,CHIP U 0.047-16F
C222	\$87-010-787-080	CAP,CHIP U 0.022-25B
C223	\$87-012-273-080	CAP,CHIP U 820P-50 B
C224	\$87-010-787-080	CAP,CHIP U 0.022-25B
C225	\$87-010-829-080	CAP,CHIP U 0.047-16F
C226	\$87-012-274-080	CAP,CHIP U 1000P-50 B
C227	\$87-012-286-080	CAP,CHIP U 0.01-25 B
C228	\$87-010-805-080	CAP,CHIP S 1-16 F
C229	\$87-010-830-080	CAP,CHIP U 0.068-16F
C230	\$87-010-831-080	CAP,CHIP U 0.1-16F
C231	\$87-010-831-080	CAP,CHIP U 0.1-16F
C232	\$87-012-286-080	CAP,CHIP U 0.01-25 B
C233	\$87-010-746-080	CAP,CHIP TANTALUM 10-4
C234	\$87-010-871-080	CAP,CHIP U 390P-50 SL
C235	\$87-012-286-080	CAP,CHIP U 0.01-25 B
C236	\$87-012-282-080	CAP,CHIP U 5600P-50 B
C237	\$87-012-286-080	CAP,CHIP U 0.01-25 B
C238	\$87-012-337-080	CAP,CHIP U 56P-50 CH
C239	\$87-010-872-080	CAP,CHIP U 470P-50 SL
C240	\$87-012-252-080	CAP,CHIP U 30P-50UJ
C241	\$87-010-831-080	CAP,CHIP U 0.1-16F
C242	\$87-010-483-010	CAP,ELECT 220-4
C243	\$87-010-829-080	CAP,CHIP U 0.047-16F
C244	\$87-010-828-080	CAP,CHIP U 0.033-16 F
C245	\$87-010-424-080	CAP,TANTALUM 4.7-4
C246	\$87-010-805-080	CAP,CHIP S 1-16 F(HS-JX3000DAH)
C247	\$87-010-805-080	CAP,CHIP S 1-16 F(HS-JX3000DAH)
C248	\$87-012-274-080	CAP,CHIP U 1000P-50 B(HS-JX3000DAH)
C249	\$87-012-274-080	CAP,CHIP U 1000P-50 B(HS-JX3000DAH)
C250	\$87-012-274-080	CAP,CHIP U 1000P-50 B(HS-JX3000DAH)
C251	\$87-010-873-080	CAP,CHIP U 560P-50 SL(HS-JX3000DAH)
C252	\$87-010-873-080	CAP,CHIP U 560P-50 SL(HS-JX3000DAH)
C253	\$87-010-829-080	CAP,CHIP U 0.047-16F(HS-JX3000DAH)
C254	\$87-012-274-080	CAP,CHIP U 1000P-50 B(HS-JX3000DAH)
C255	\$87-012-283-080	CAP,CHIP U 5600P-50 B(HS-JX3000DAH)
C257	\$87-012-274-080	CAP,CHIP U 1000P-50 B(HS-JX3000DAH)
C258	\$87-012-142-080	CAP,CHIP S 0.33-16 F
C259	\$87-012-142-080	CAP,CHIP S 0.33-16 F
C260	\$87-012-282-080	CAP,CHIP U 4700P-50 B(HS-JX3000DAH)
C261	\$87-012-282-080	CAP,CHIP U 4700P-50 B(HS-JX3000DAH)
C262	\$87-010-746-080	CAP,CHIP TANTALUM 10-4
C263	\$87-010-746-080	CAP,CHIP TANTALUM 10-4
C264	\$87-010-787-080	CAP,CHIP U 0.022-25B
C265	\$87-010-799-080	CAP,CHIP TANTALUM 0.68-16(A2)
C266	\$87-010-831-080	CAP,CHIP U 0.1-16F
C267	\$87-012-282-080	CAP,CHIP U 4700P-50 B
C268	\$87-012-282-080	CAP,CHIP U 4700P-50 B
C269	\$87-012-286-080	CAP,CHIP U 0.01-25 B
C270	\$87-010-831-080	CAP,CHIP U 0.1-16 F
C271	\$87-012-199-080	CAP,CHIP U 220P-50 CH
C272	\$87-010-805-080	CAP,CHIP S 1-16 F
C273	\$87-012-172-080	CAP,CHIP U 10P-50 CH
C274	\$87-012-274-080	CAP,CHIP U 1000P-50 B
C275	\$87-010-746-080	CAP,CHIP TANTALUM 10-4
C276	\$87-012-286-080	CAP,CHIP U 0.01-25 B
C277	\$87-012-286-080	CAP,CHIP U 0.01-25 B
C278	\$87-012-286-080	CAP,CHIP U 0.01-25 B
C279	\$87-012-286-080	CAP,CHIP U 0.01-25 B
C280	\$87-012-195-080	CAP,CHIP U 100P-50 CH(HS-JX3000DAH)
C280	87-012-336-080	CAP,CHIP U 330P-50 SL(HS-JX3000H,K,Z)
C281	\$87-012-286-080	CAP,CHIP U 0.01-25 B
C282	\$87-012-195-080	CAP,CHIP U 100P-50 CH

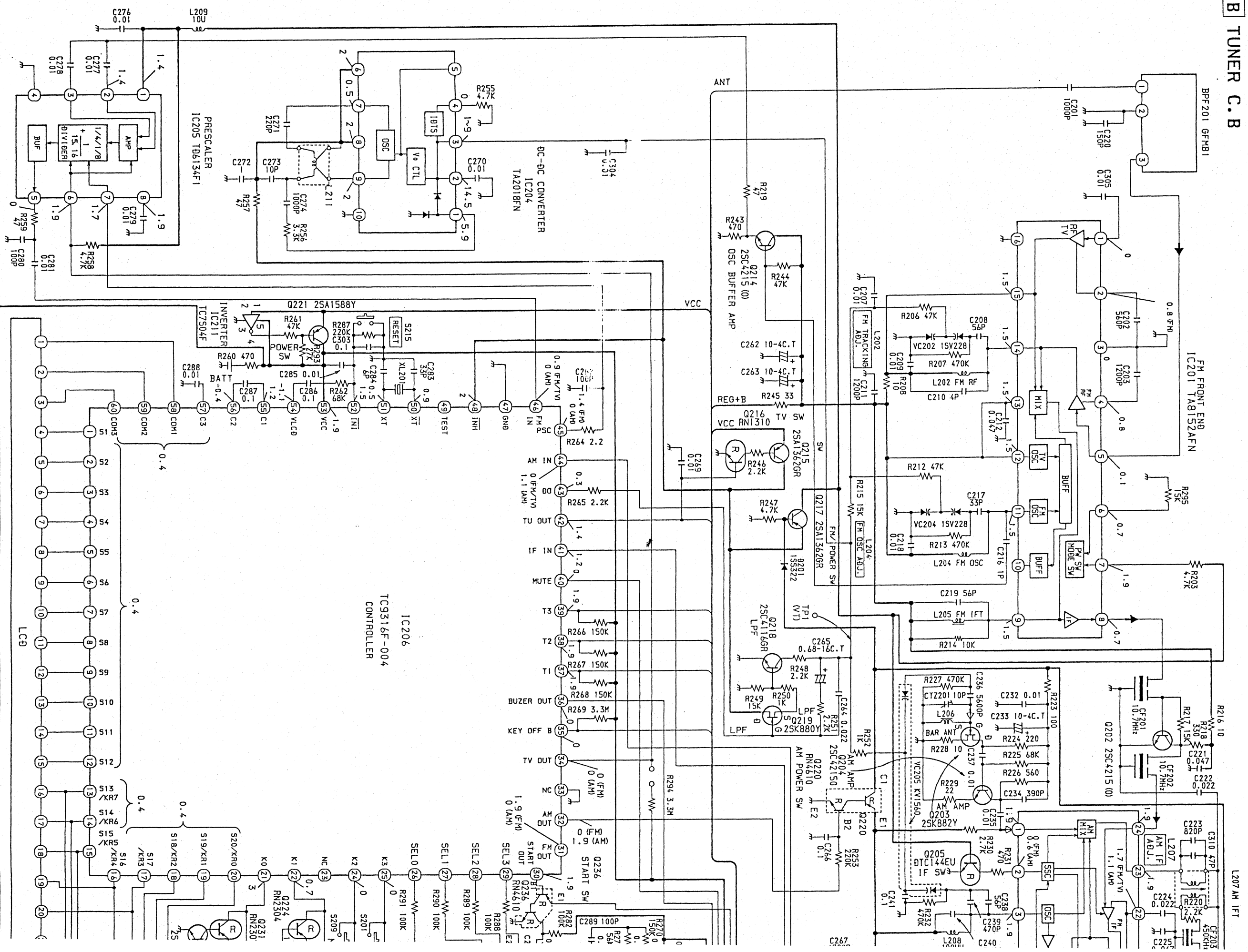
REF.NO.	PART NO.	DESCRIPTION
C283	\$87-012-184-080	CAP,CHIP U 33P-50 CH
C284	\$87-012-168-080	CAP,CHIP U 6P-50 CH
C285	\$87-012-286-080	CAP,CHIP U 0.01-25 B
C286	\$87-010-831-080	CAP,CHIP U 0.1-16F
C287	\$87-010-831-080	CAP,CHIP U 0.1-16F
C288	\$87-012-286-080	CAP,CHIP U 0.01-25 B
C289	\$87-012-195-080	CAP,CHIP U 100P-50 CH
C290	\$87-012-286-080	CAP,CHIP U 0.01-25 B
C291	\$87-010-805-080	CAP,CHIP S 1-16 F
C292	\$87-010-640-080	CAP,CHIP TANTALUM 22-4
C293	\$87-010-746-080	CAP,CHIP TANTALUM 10-4
C294	\$87-012-270-080	CAP,CHIP U 470P-50 B
C295	\$87-010-831-080	CAP,CHIP U 0.1-16F
C296	\$87-012-286-080	CAP,CHIP U 0.01-25 B
C297	\$87-010-829-080	CAP,CHIP U 0.047-16F
C298	\$87-012-195-080	CAP,CHIP U 100P-50 CH
C299	\$87-010-767-080	CAP,CHIP TANTALUM 4.7/4
C300	\$87-010-831-080	CAP,CHIP U 0.1-16F
C301	\$87-010-831-080	CAP,CHIP U 0.1-16F
C302	\$87-010-831-080	CAP,CHIP U 0.1-16F
C303	\$87-010-831-080	CAP,CHIP U 0.1-16F
C304	\$87-012-286-080	CAP,CHIP U 0.01-25 B
C305	87-012-286-080	CAP,CHIP U 0.01-25 B(HS-JX3000H,K,Z)
C306	87-010-784-080	CAP,CHIP U 0.012-25 B(HS-JX3000H,K,Z)
C307	87-010-784-080	CAP,CHIP U 0.012-25 B(HS-JX3000H,K,Z)
C308	87-010-274-080	CAP,CHIP U 1000P-50 B(HS-JX3000H,K,Z)
C309	87-012-195-080	CAP,CHIP U 100P-50 CH(HS-JX3000H,K,Z)
C310	87-012-188-080	CAP,CHIP U 47P-50 CH(HS-JX3000H,K,Z)
CF201	87-008-441-080	FILTER,CHIP CF 10.7 AE(HS-JX3000DAH)
CF201	87-008-454-080	FILTER,CHIP CF 10.7 2-Y(HS-JX3000H,K,Z)
CF202	87-008-441-080	FILTER,CHIP CF 10.7 AE(HS-JX3000DAH)
CF202	87-008-454-080	FILTER,CHIP CF 10.7 2-Y(HS-JX3000H,K,Z)
CF203	\$87-008-396-080	FILTER,CHIP CF 450KHZ
CF204	\$87-008-440-080	FILTER,CHIP KIT 10.7 AE
CF205	\$87-008-397-010	FILTER,SAW 456 F18
CTZ201	\$87-011-189-080	TRANSISTOR,IMER CTZ-10A
L201	\$81-HJ1-611-080	COIL,TV RF(R) (HS-JX3000DAH)
L202	\$81-HJ1-609-080	COIL,FM RF(R) (HS-JX3000DAH)
L202	81-HJ1-623-080	COIL,FM RF Y(R) (HS-JX3000H,K,Z)
L203	\$81-HJ1-610-080	COIL,TV OSC(R) (HS-JX3000DAH)
L204	\$81-HJ1-608-080	COIL,FM OSC(R) (HS-JX3000DAH)
L204	81-HJ1-622-080	COIL,FM OSC Y(R) (HS-JX3000H,K,Z)
L205	\$87-006-168-080	COIL,CHIP 1PT FM
L206	\$81-HJ1-612-010	BAR-ANT ASSY
L207	\$87-008-420-080	IFT,CHIP 450K MW
L208	\$87-003-247-080	COIL,CHIP 100UH J
L209	\$87-003-243-080	COIL,CHIP S 10UH K
L210	\$87-006-213-080	COIL,CHIP DDA(8161)
L211	\$87-006-214-080	COIL,CHIP DD(2018)
LCD	81-HJ1-605-010	LCD ASSY
S201	87-036-220-080	SW,CHIP T(P1)
S202	87-036-220-080	SW,CHIP T(P2)
S203	87-036-220-080	SW,CHIP T(P3)
S204	87-036-220-080	SW,CHIP T(P4)
S205	87-036-220-080	SW,CHIP T(P5)
S206	87-036-220-080	SW,CHIP T(P+5)
S207	87-036-220-080	SW,CHIP T(UP/H)
S208	87-036-220-080	SW,CHIP T(DOWN/M)
S209	87-036-220-080	SW,CHIP T(MEMORY SET)
S210	87-036-220-080	SW,CHIP T(FUNCTION)
S211	87-036-220-080	SW,CHIP T(AUTO PRESET)
S212	87-036-220-080	SW,CHIP T(ALARM/SLEEP)
S213	87-036-220-080	SW,CHIP T(TIMER)
S214	87-036-123-080	SLIDE SW(AM STEP)

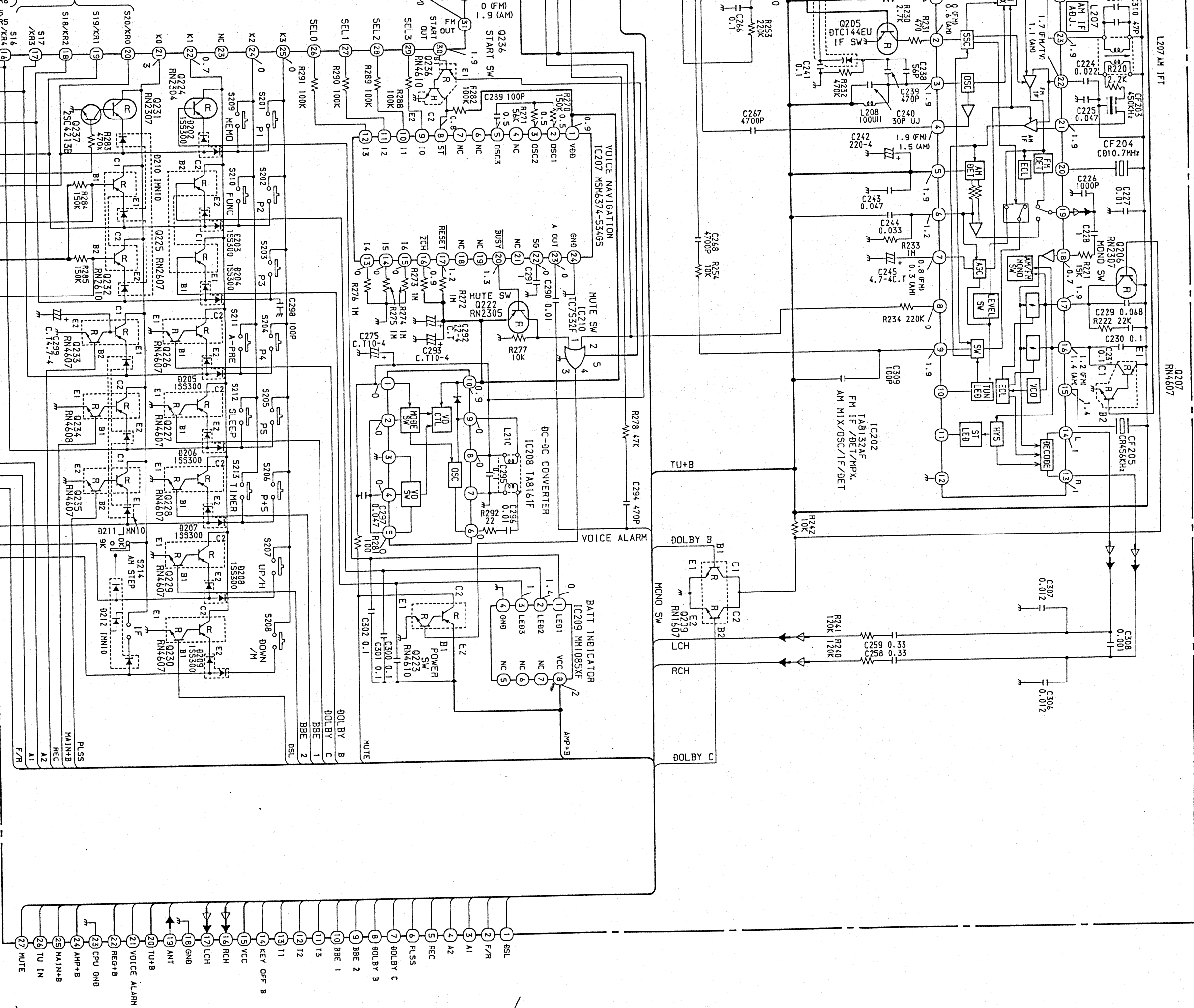
REF. NO.	PART NO.	DESCRIPTION
S215	87-030-152-080	TACT SW(RESET)
VC201	87-001-708-080	VARACTOR,CHIP 1SV228(HS-JX3000DAH)
VC202	87-001-708-080	VARACTOR,CHIP 1SV228
VC203	87-001-708-080	VARACTOR,CHIP 1SV228(HS-JX3000DAH)
VC204	87-001-708-080	VARACTOR,CHIP 1SV228
VC205	87-026-435-080	VARICAP,CHIP KV1560
XL201	87-030-180-010	X'TAL KF-38R5-8A
=== BATTERY CIRCUIT BOARD SECTION ===		
C1	84-439-620-010	CAP, ELECT 470-4
J1	87-049-549-010	JACK, DC
TM2	HK3-217	TERMINAL
=== CONTROL CIRCUIT BOARD SECTION ===		
S1-1	80-ZM4-603-010	LEAF SW
S1-2	80-ZM4-603-010	LEAF SW(CASSETTE)
S2-1	80-ZM4-604-010	LEAF SW(TAPE)
S2-2	80-ZM4-604-010	LEAF SW
=== JACK CIRCUIT BOARD SECTION ===		
J2	87-009-733-010	JACK 3.5 BLK 5P(PHONES)
J3	87-009-734-010	JACK 3.5 BLK 3P(MIC)
=== HEAD FLEX CIRCUIT BOARD SECTION ===		
PCB-F	87-046-369-010	HEAD FLEXIBLE C.B
RPH	87-046-367-010	HEAD ASSY(W/PCB-F)
=== TUNER CONNECT FLEX CIRCUIT BOARD SECTION ===		
PCB-G 81-HJI-603-010 TUNER FLEXIBLE C.B		
=== MISCELLANEOUS ===		
M1	M8-DZS-290-000	MOTOR ABL-7A
PL1		(MD) SOLENOID
PL2		(REC) SOLENOID





B TUNER C.B

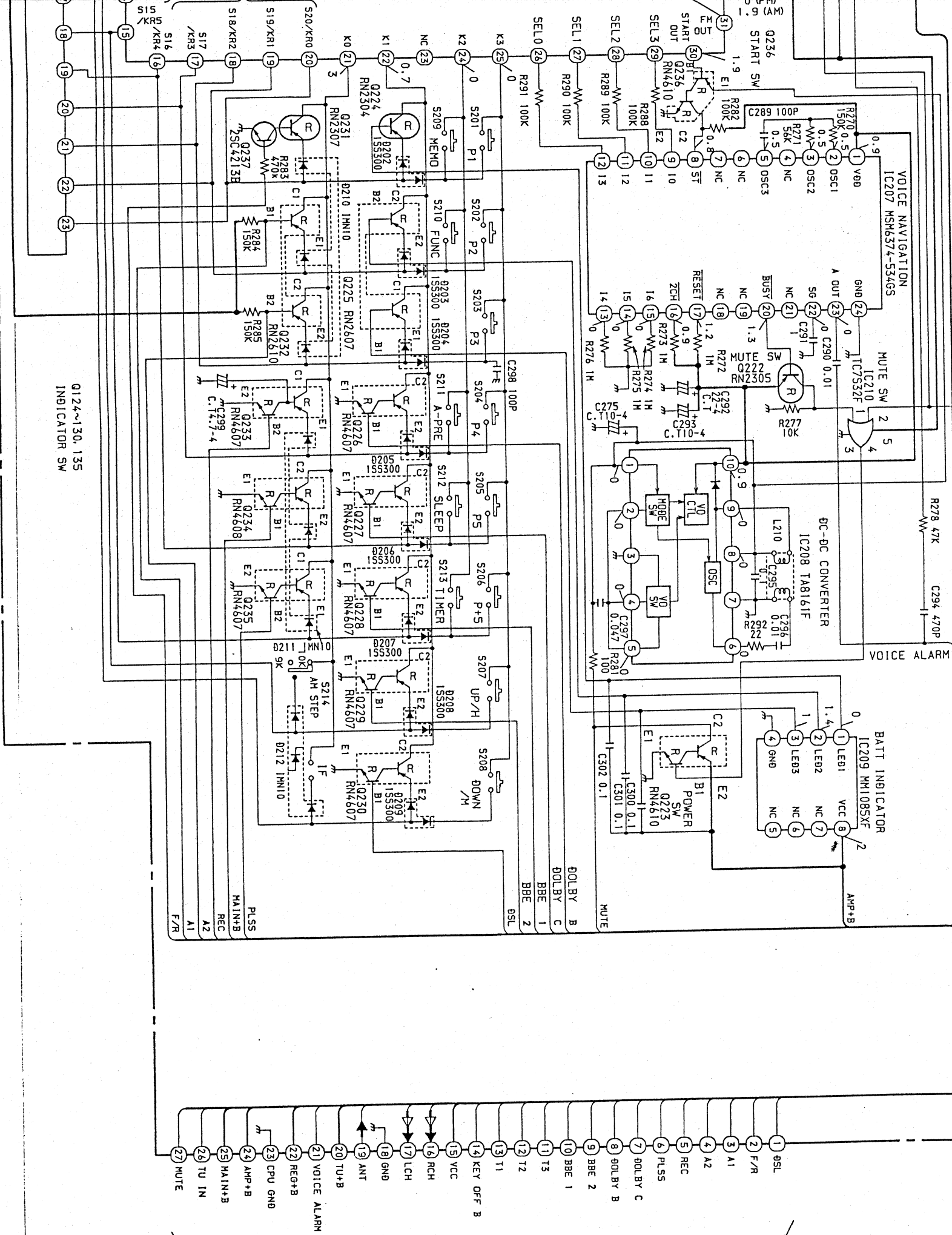
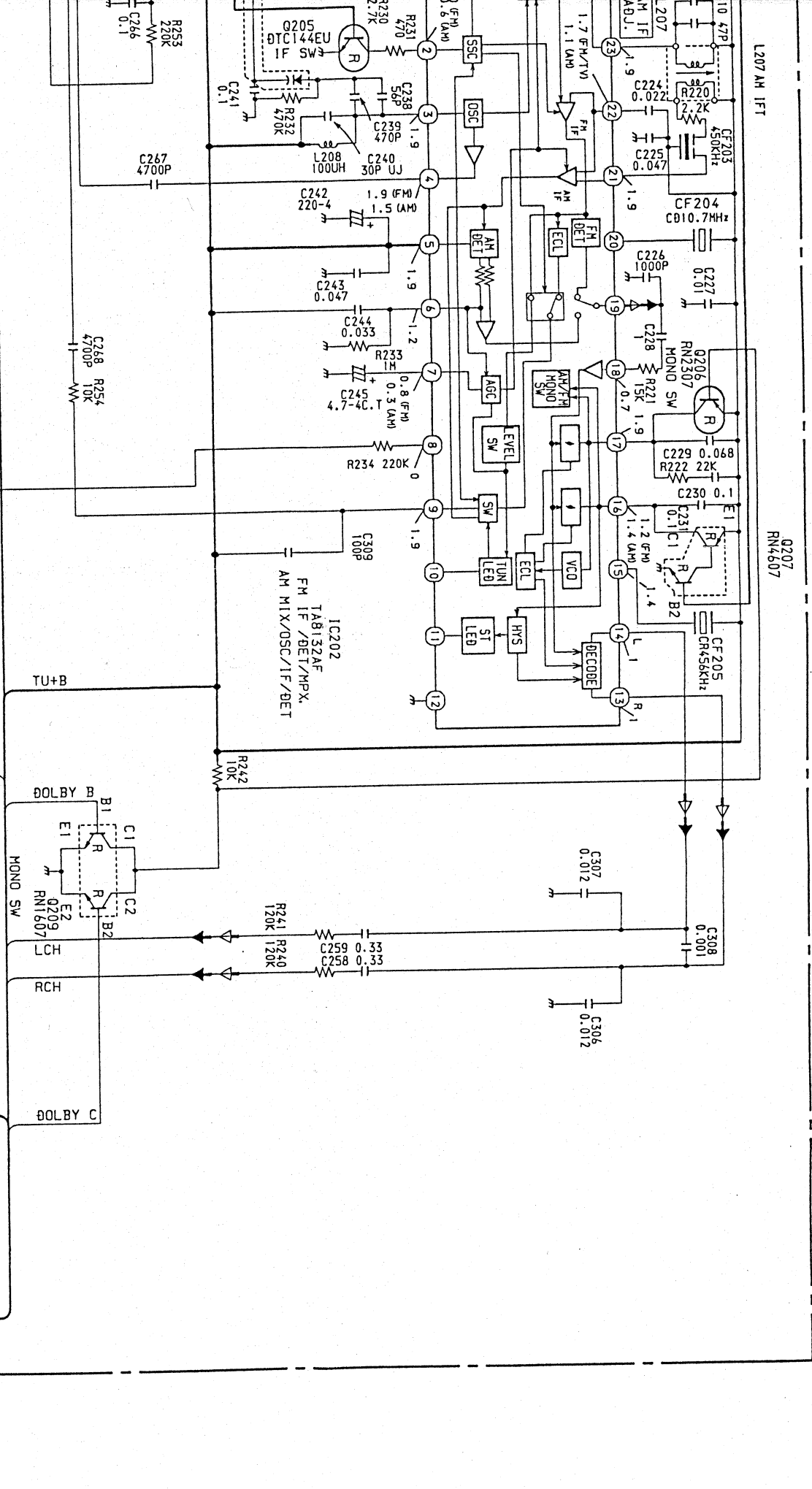




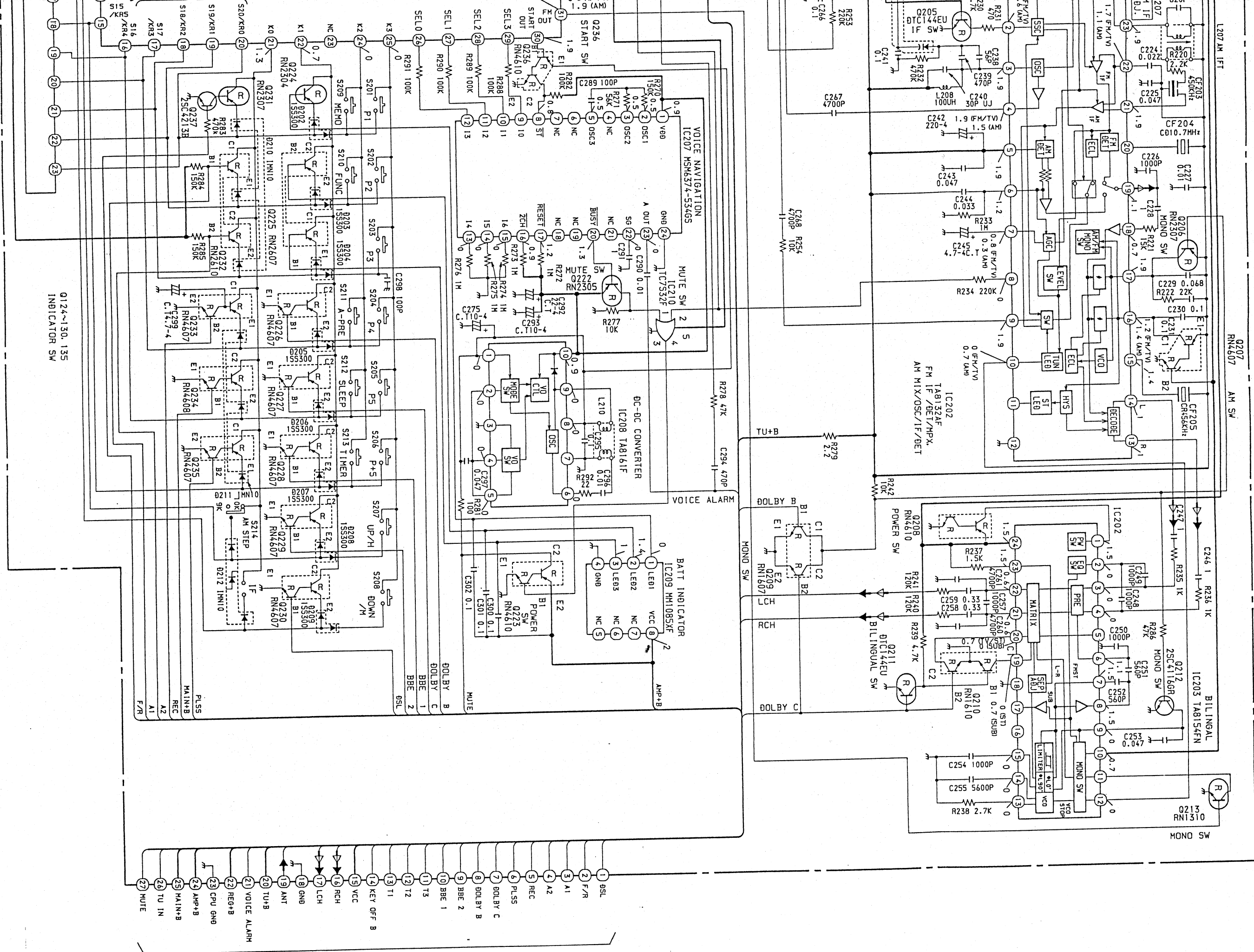
TO MAIN C.B.
VIA
TUNER CONNECT FLEX C.B.

12

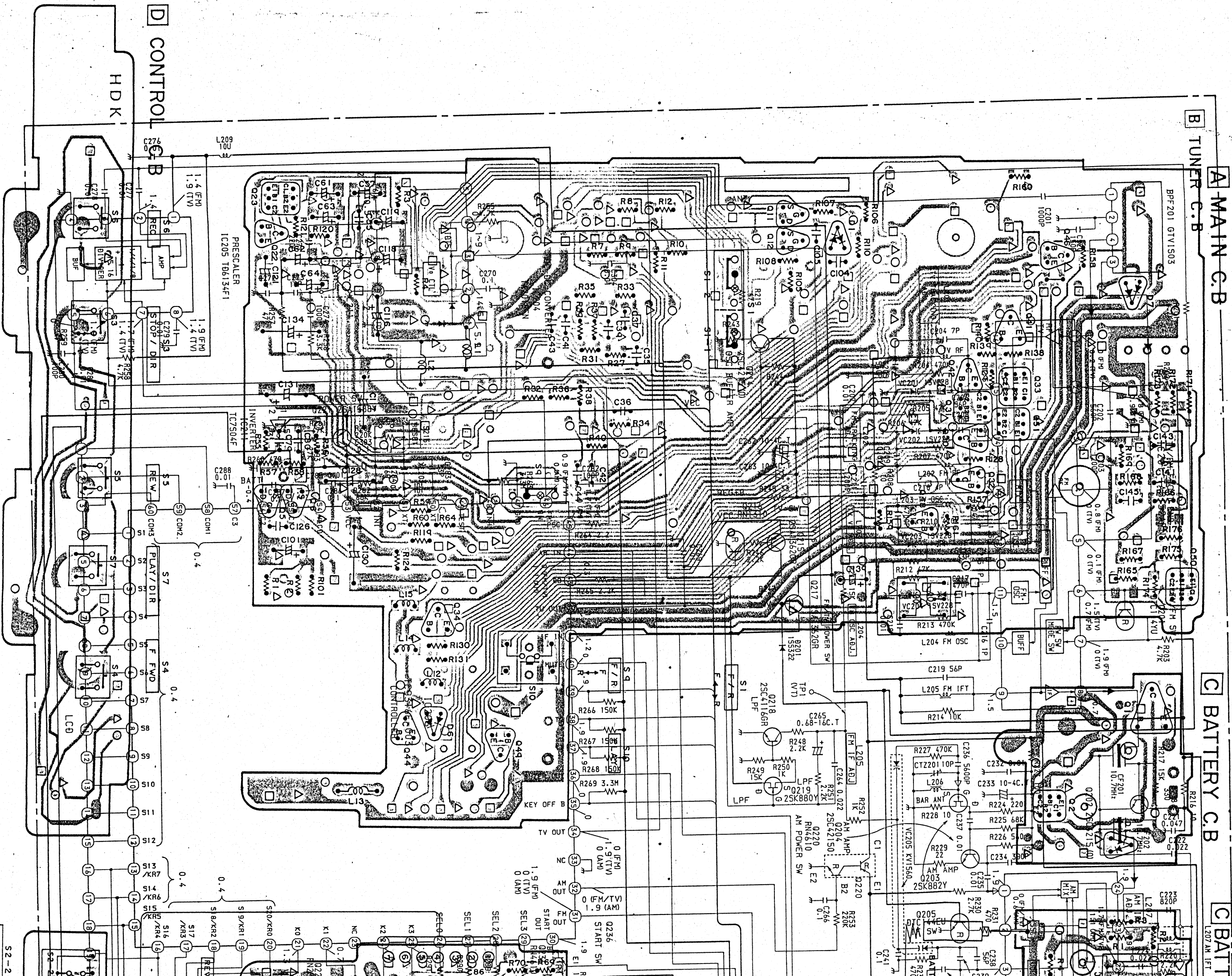
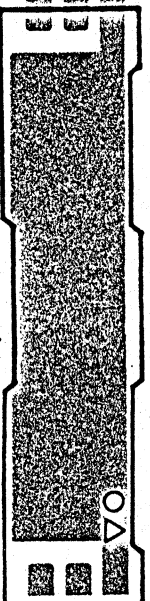
13

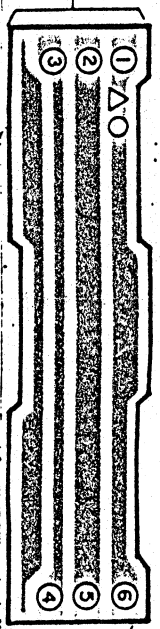


TO [A] MAIN C.B
VIA
[G] TUNER CONNECT FLEX C.B



TO MAIN C.B
VIA
TUNER CONNECT FLEX C.B



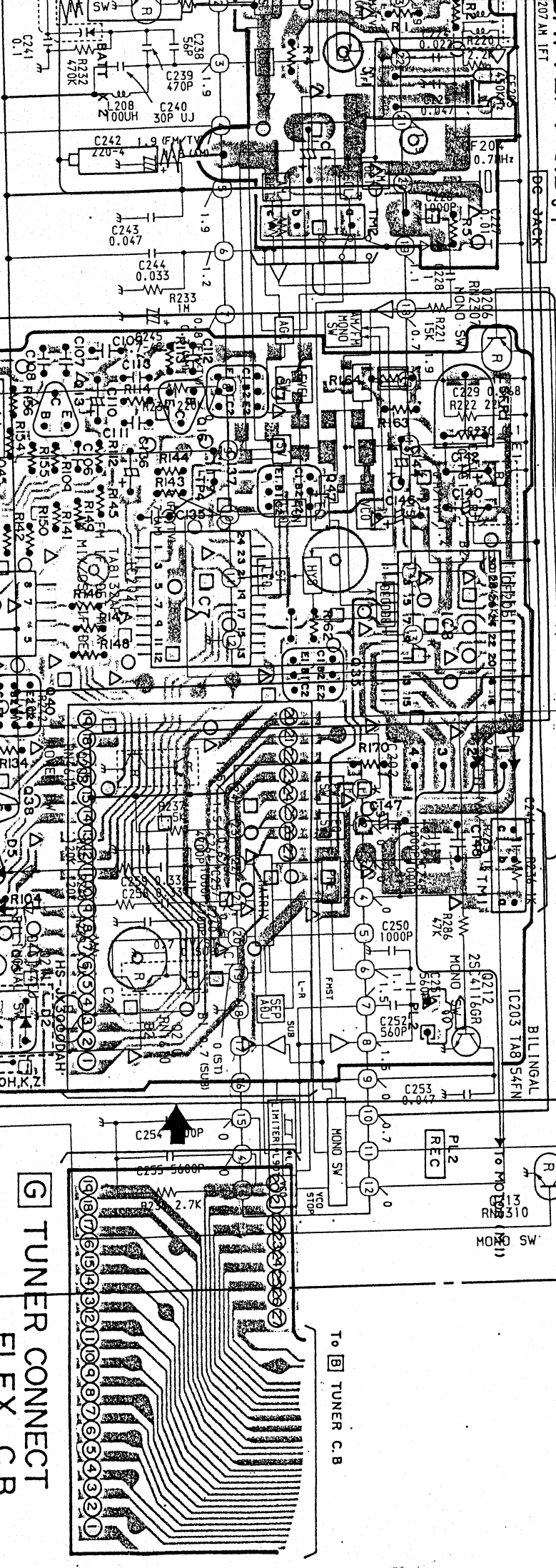


A MAIN C.B

BATTERY C.B.
207 AN IFT

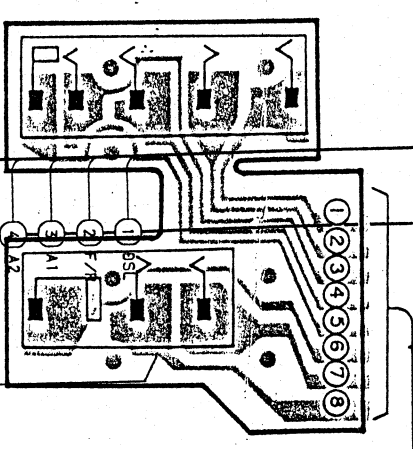
IC207
RN4607 AM SW

BILINGAL
IC203 TAB 54FN



G TUNER CONNECT FLEX. C.B

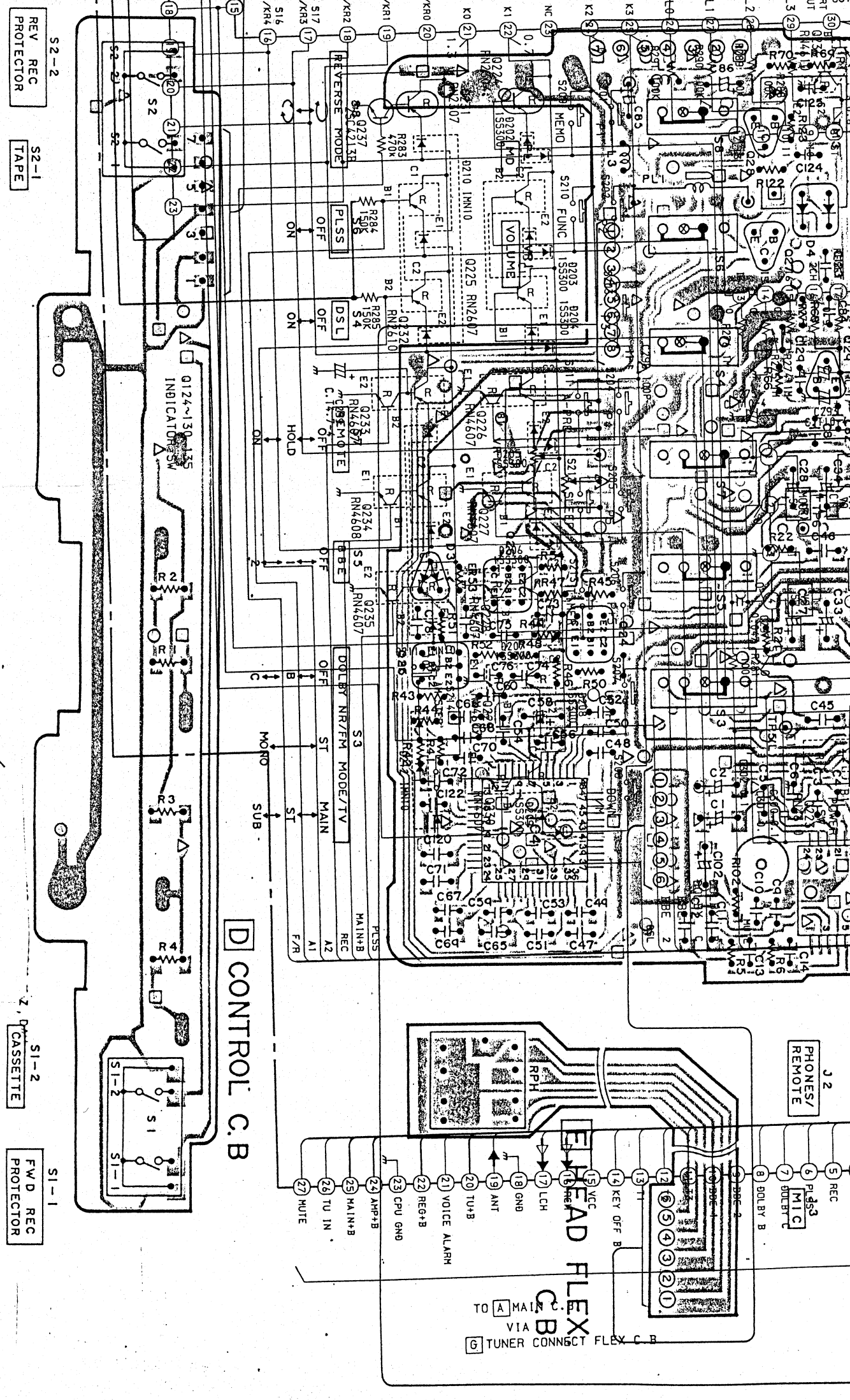
E JACK C.B



PHONES/
REMOTE
J2

TO **A** MAIN C.B.
VIA
G TUNER CONNECT FLEX C.B

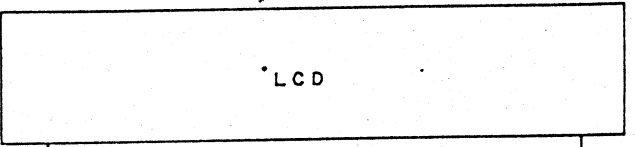
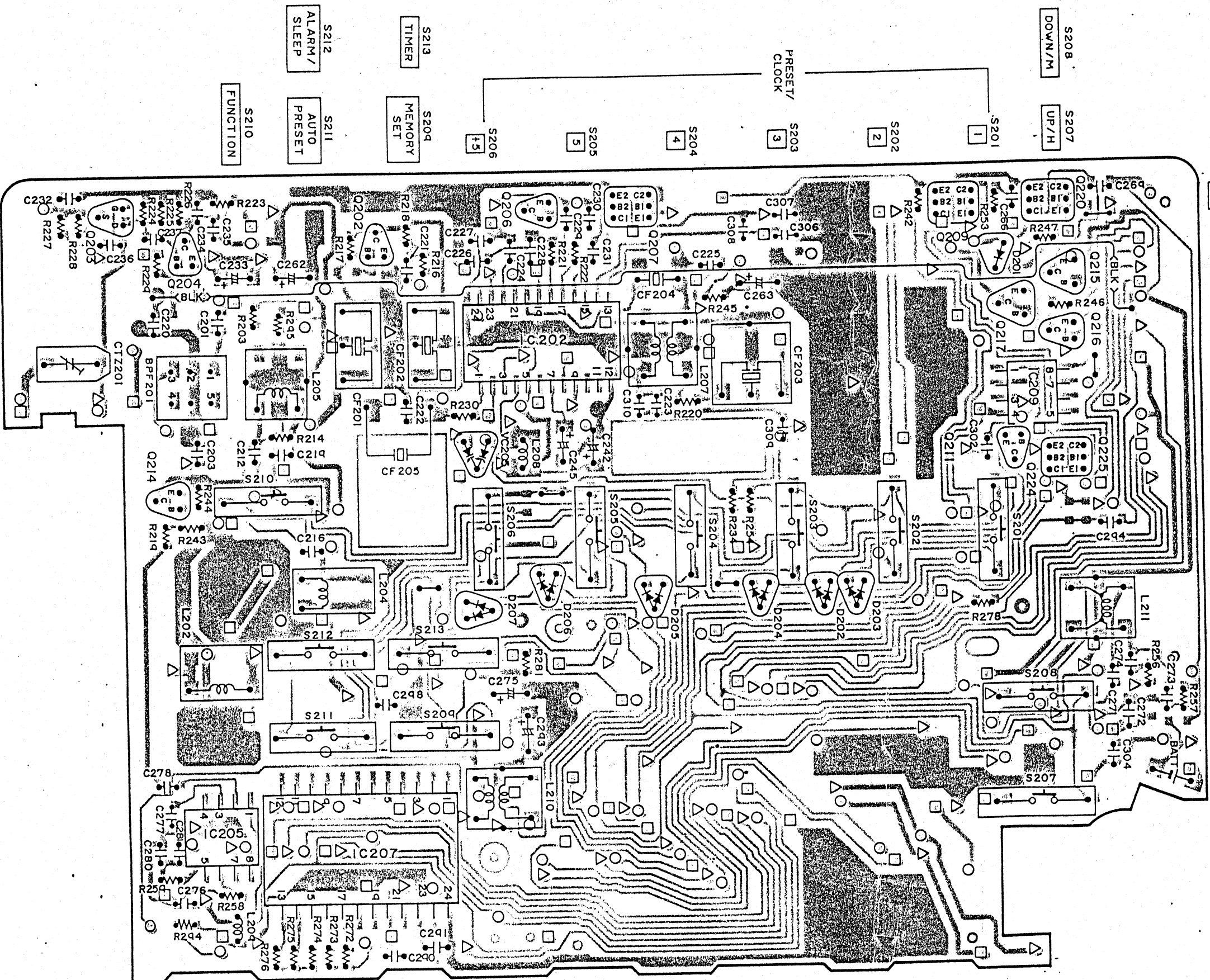
D CONTROL C.B



REV REC
PROTECTOR
S2-2
TAPE
S2-1

SI-2
CASSETTE
SI-1
FWD REC
PROTECTOR

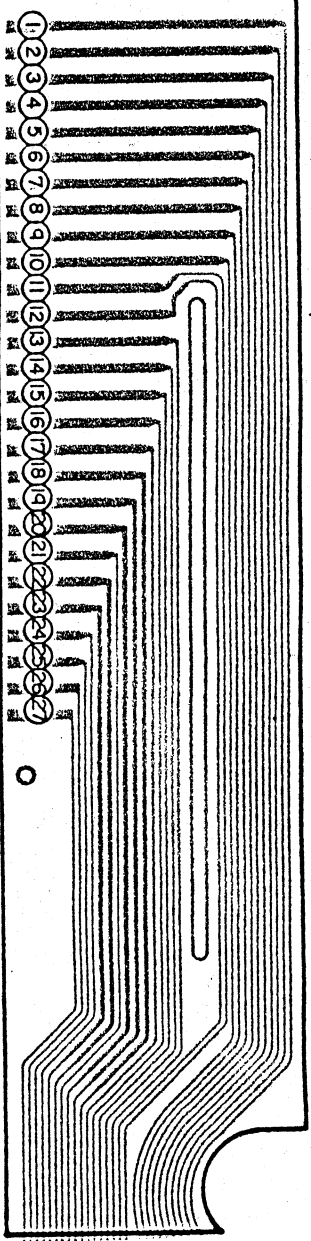
B TUNER C.B



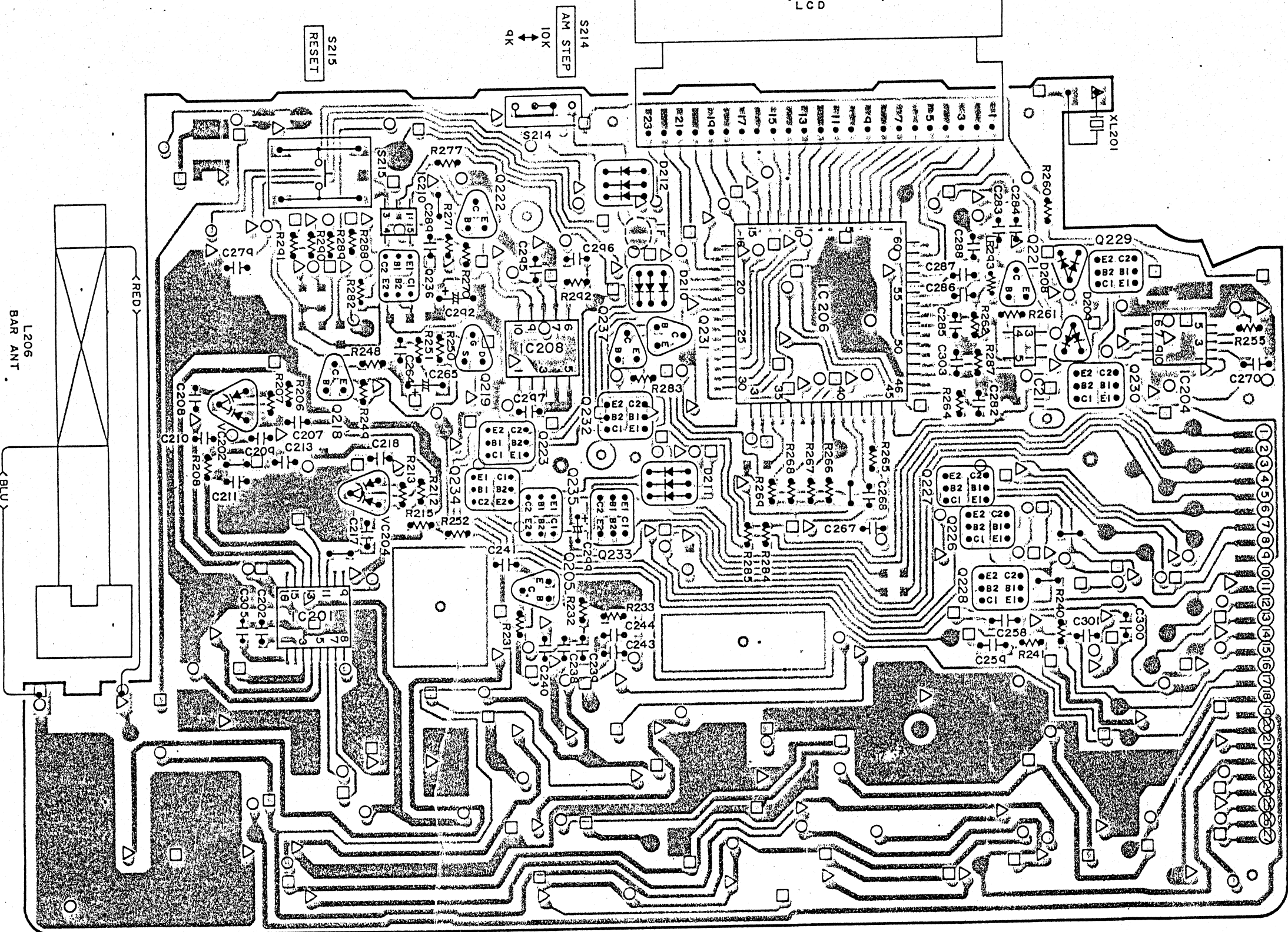
S214
AM STEP
10K
9K

S215
RESET

G TUNER CONNECT FLEX. C.B

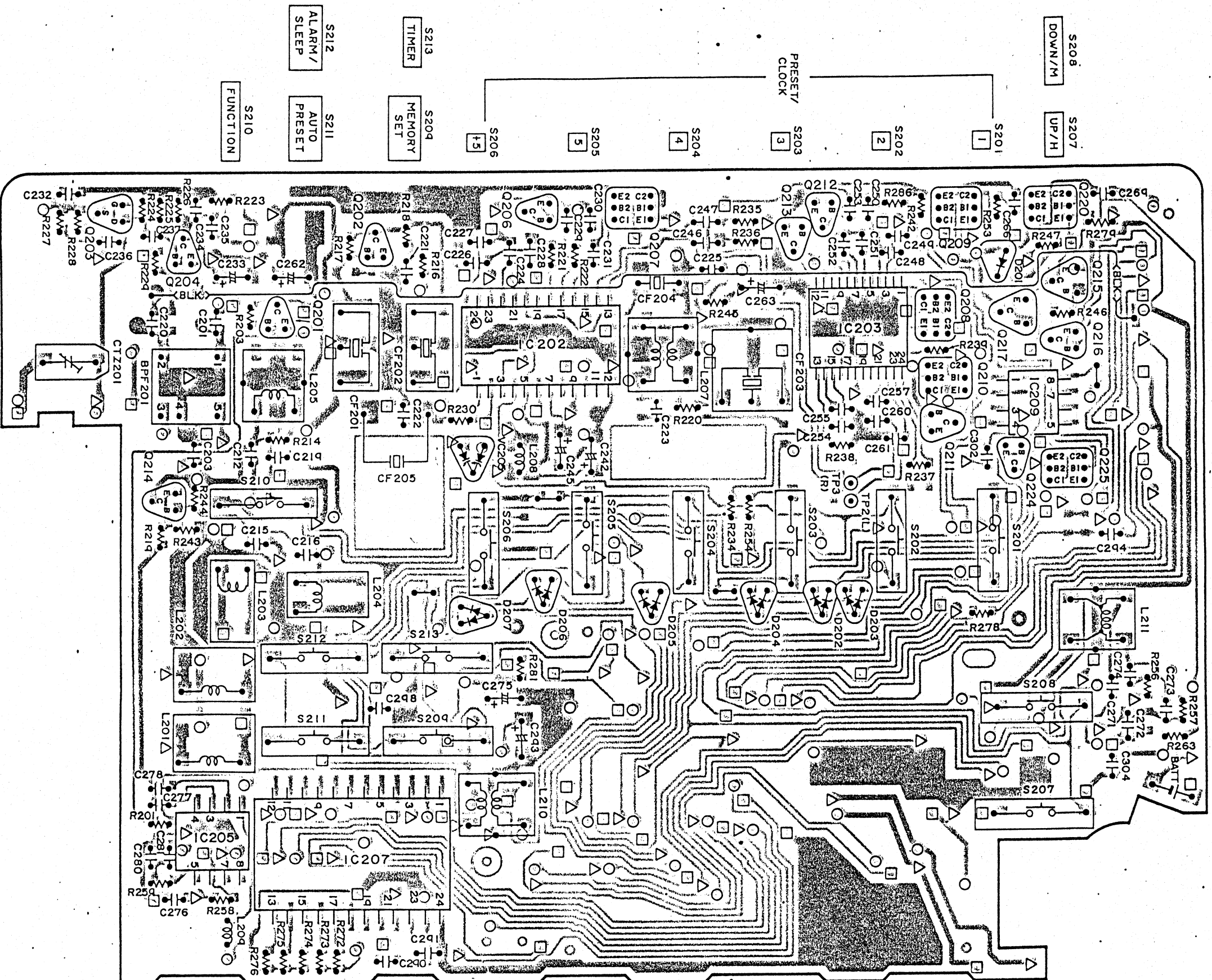


B TUNER C.B

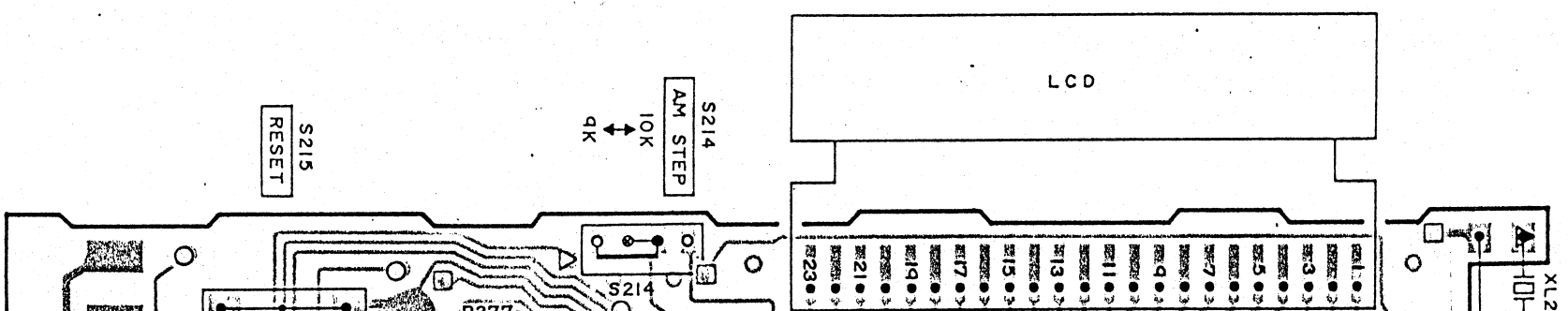


To **A** MAIN C.B

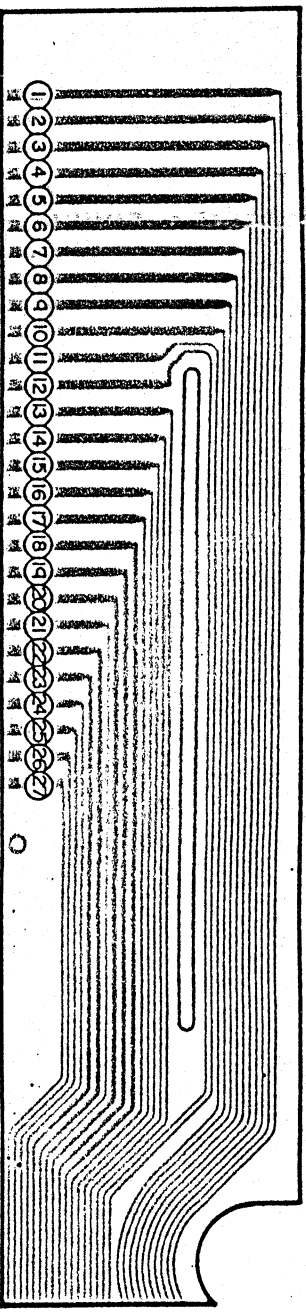
B TUNER C.B



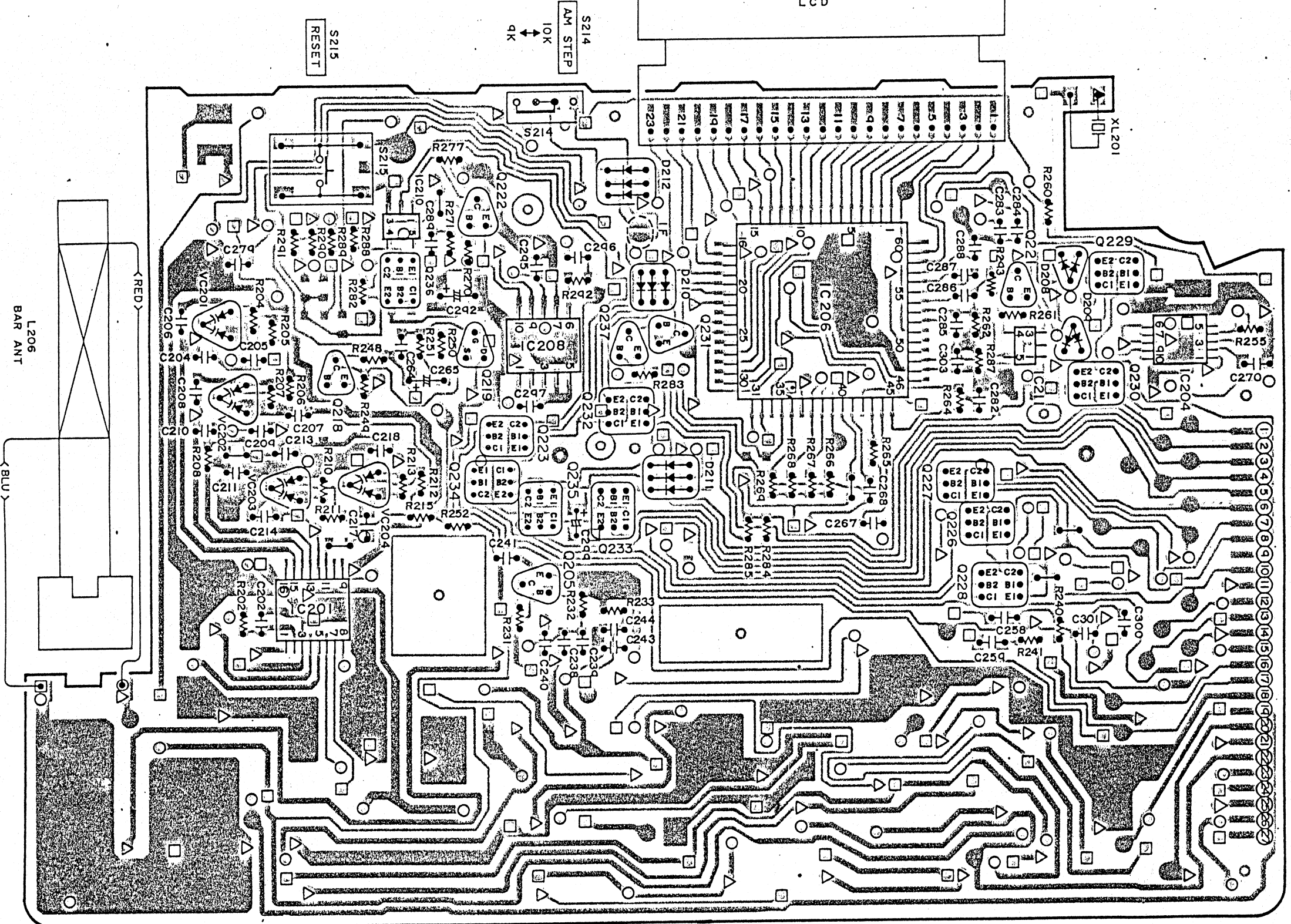
B



G TUNER CONNECT FLEX C.B



B TUNER C.B



To **A** MAIN C.B

L206
BAR ANT

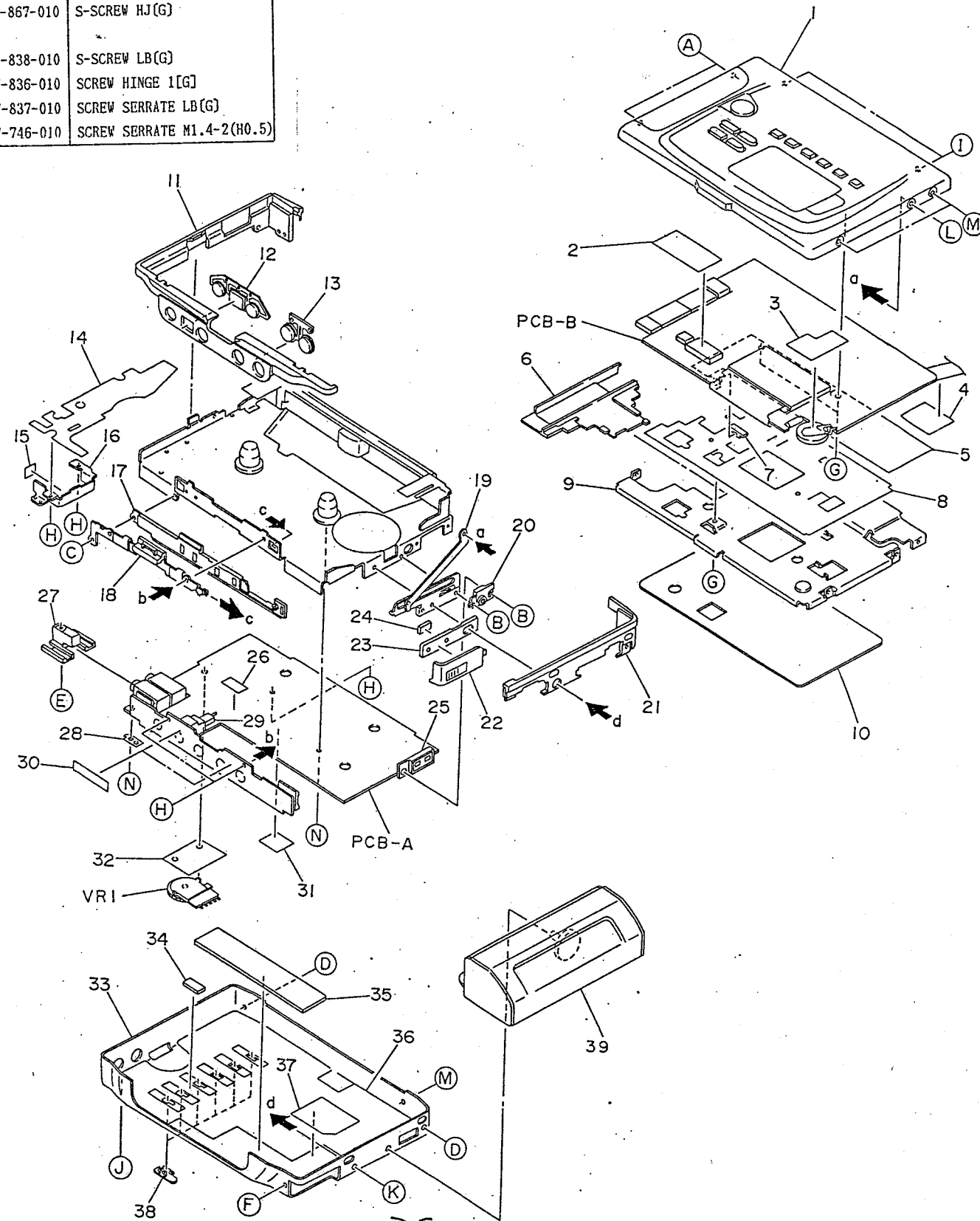
<RED>
<BLU>

S214
AM STEP
10K
4K

S215
RESET

EXPLODED VIEW - 1

REF.NO.	PART NO.	DESCRIPTION
A	80-HJB-201-010	V+1.4-1.4[G]
B	87-067-590-010	V+1.4-2 CR NLOCK
C	87-263-503-310	V+1.4-2.0 CR
D	87-067-872-010	V+1.4-3.5 [G]
E	87-067-855-010	V+1.4-7
F	87-067-863-010	VT+1.4-2.8[G]
G	87-067-535-010	VT+1.4-3.5(C) HL
H	87-067-501-010	S-SCREW+1.4-1.4 [B]
I	87-067-864-010	S-SCREW+1.4-1.8 [G]
J	87-067-867-010	S-SCREW HJ[G]
K	87-067-838-010	S-SCREW LB[G]
L	87-067-836-010	SCREW HINGE 1[G]
M	87-067-837-010	SCREW SERRATE LB[G]
N	87-067-746-010	SCREW SERRATE M1.4-2(H0.5)

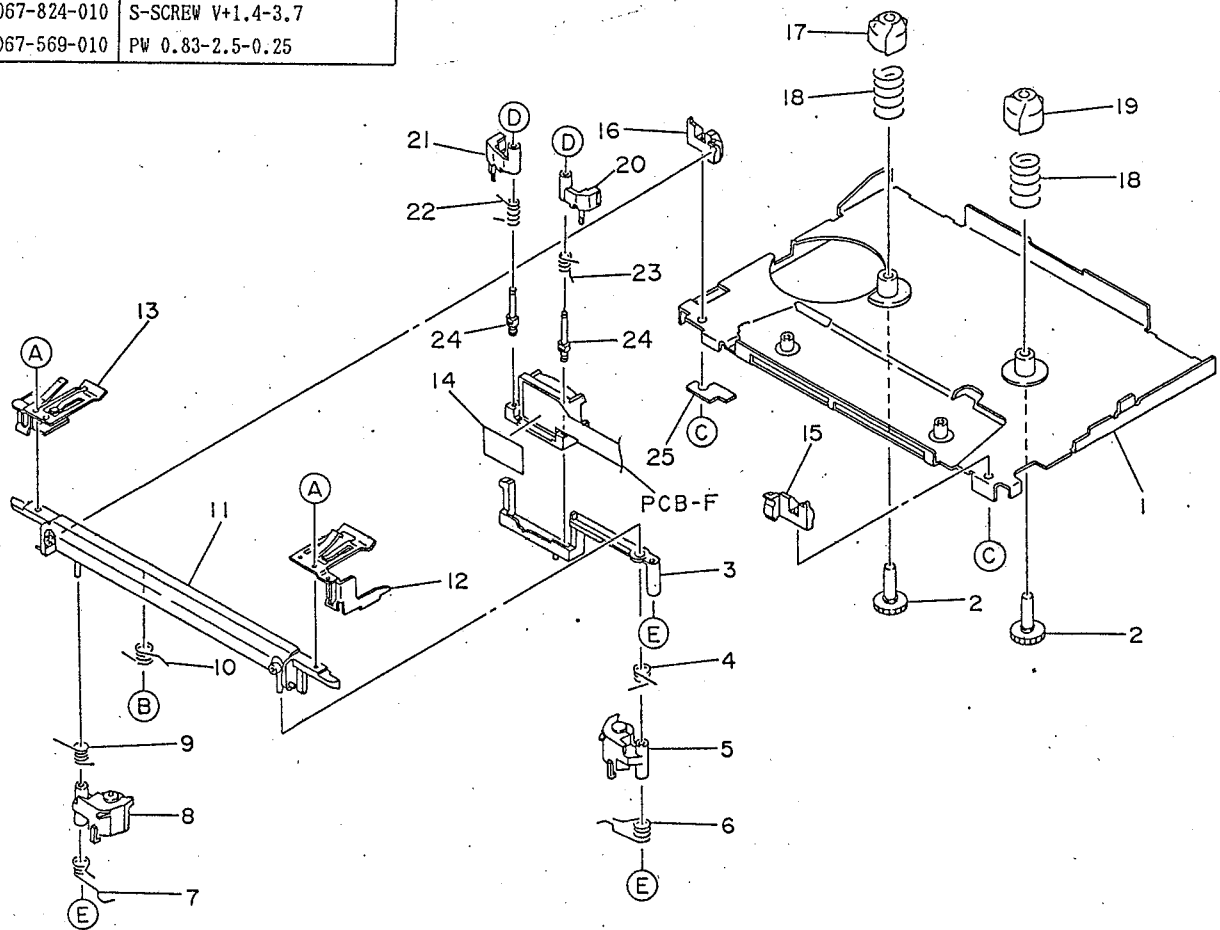


MECHANICAL PARTS LIST

PART NO. CHANGED TO	REF. NO.	PART NO.	カンリ NO.	DESCRIPTION	COMMON MODEL	Q, TY
	1-1	09-027-907-010		カセットフタASSY	*	1
	1-2	★ 81-HJ1-210-010	OE	12-25シート		1
	1-3	★ 81-HJ1-208-010	OE	PCBシート		1
	1-4	★ 81-HJ1-211-010	OE	FLEXシート		1
	1-5	★ 81-HJ1-205-010	OE	TUNERシート		1
	1-6	★ 81-HJ1-202-010	OE	アンテナホルダー		1
	1-7	★ 84-500-020-010	OE	スライツノブD		1
	1-8	★ 81-HJ1-204-010	OE	ホルダーシート		1
	1-9	★ 81-HJ1-201-110	1C	カセットホルダー		1
	1-10	---		デュウイラベル		1
	1-11	★ 81-HJB-014-010	2A	センターフレーム	*	1
	1-12	★ 81-HJB-017-010	1B	コントロールキー-A	*	1
	1-13	★ 81-HJB-025-010	1B	コントロールキー-B	*	1
	1-14	★ 81-HJ2-216-010	1B	シャーシート		1
	1-15	★ 80-HJ1-238-010	OE	PTシート		1
	1-16	★ 81-HJ2-213-010	1B	シャックホルダー		1
	1-17	★ 81-HJ2-211-010	OE	バッテリーホルダー		1
	1-18	★ 81-HJB-201-010	1E	プスプリンクASSY	*	1
	1-19	★ 81-HJ2-203-110	1B	アームホルダーASSY		1
	1-20	★ 81-HK3-216-010	OE	バッテリーホルダー		1
	1-21	★ 81-HJB-015-010	1F	ボトムパネル	*	1
	1-22	81-HJB-016-010	1A	バッテリーフタ	*	1
	1-23	★ 81-HK3-215-110	OE	バッテリーヒンシ		1
	1-24	81-HK3-227-010		7.5-0.3Gクッション		1
	1-25	★ 81-HK3-212-010	1B	バッテリーコンタクトASSY		1
	1-26	★ 81-HK3-226-010	OE	5-8-0.1シート		1
	1-27	★ 81-HJ2-222-010	OE	シャックホルダー-E		1
	1-28	★ 81-HJ2-212-110	OE	アースプスリンク		1
	1-29	80-HK3-606-010		ターミナルASSY		1
	1-30	★ 81-HJ2-235-010	OE	4-20シート		2
	1-31	★ 81-HJ2-232-010	OE	20-20シート		1
	1-32	★ 81-HJ2-226-110	OE	ホリウムシート		1
	1-33	★ 81-HJB-029-010		リヤキャビネット	*	1
	1-34	★ 81-HJ2-233-010	2A	4-8-0.5Gクッション		1
	1-35	★ 81-HJ1-212-010	OE	バッテリーシート		1
	1-36	★ 81-HJ2-210-010	1A	リヤキャビネットマイラー		1
	1-37	★ 81-HJ2-223-110	OE	リヤキャビネットマイラー-A		1
	1-38	★ 81-HJB-018-010	OE	スライツノブ	*	6
	1-39	09-027-910-010		バッテリーホルダーASSY	*	1

EXPLODED VIEW - 2

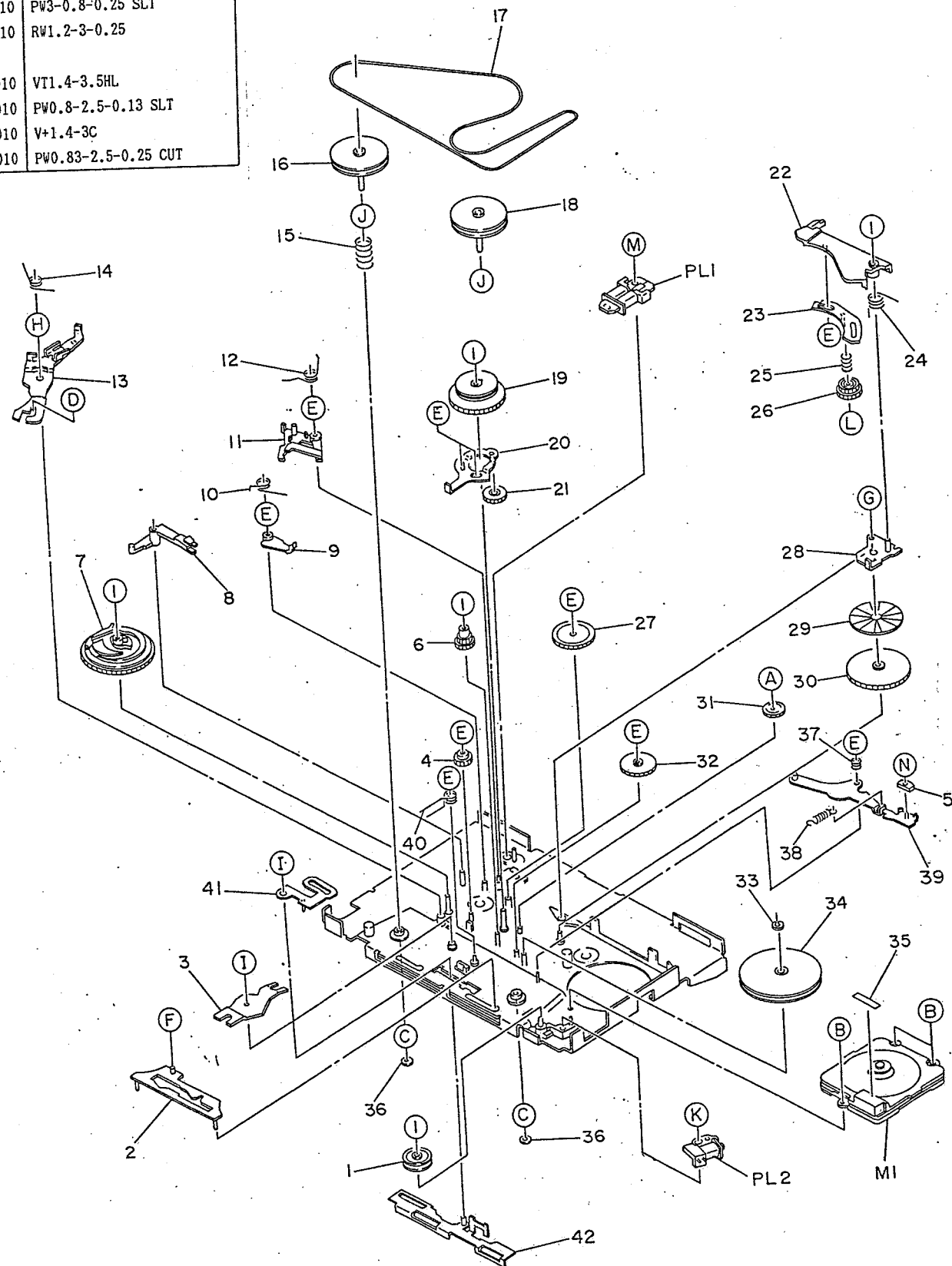
REF.NO.	PART NO.	DESCRIPTION
A	87-357-503-310	VT ₂ +1.4-2(G)
B	80-ZM4-346-010	VFT ₂ +1.4-2
C	87-353-528-310	VT ₂ +1.7-3.5CR
D	87-067-824-010	S-SCREW V+1.4-3.7
E	87-067-569-010	PW 0.83-2.5-0.25



PART NO. CHANGED TO	REF. NO.	PART NO.	カンリ NO.	DESCRIPTION	COMMON MODEL	Q. TY
	2-1	80-ZM4-201-210	2M	アウトサートシャーシ ASSY	*	1
	2-2	★ 80-ZM4-290-210	0E	リールキヤ	*	2
	2-3	★ 80-ZM4-327-110	1B	ヘッドアーム REC	*	1
	2-4	★ 80-ZM4-318-010	0E	ピンチバックR Tスプリンク	*	1
	2-5	★ 80-ZM4-254-410	1B	ピンチバック-R ASSY	*	1
	2-6	★ 80-ZM4-302-010	0E	ピンチJR Tスプリンク	*	1
	2-7	★ 80-ZM4-297-010	0E	ピンチJL Tスプリンク	*	1
	2-8	80-ZM4-247-410	1B	ピンチバック-L ASSY	*	1
	2-9	★ 80-ZM4-317-010	0E	ピンチバックL Tスプリンク	*	1
	2-10	★ 80-ZM4-289-110	0E	ヘッドアーム Tスプリンク	*	1
	2-11	★ 80-ZM4-209-110	1E	カセットホルダー ASSY	*	1
	2-12	★ 80-ZM4-250-010	0E	ホルダー-R Pスプリンク	*	1
	2-13	★ 80-ZM4-251-010	0E	ホルダー-L Pスプリンク	*	1
	2-14	★ 80-ZM4-330-010	0E	4.5-12 シート	*	1
	2-15	★ 80-ZM4-321-010	0E	ホルダー-R	*	1
	2-16	★ 80-ZM4-322-010	0E	ホルダー-L	*	1
	2-17	★ 80-ZM4-230-110	0E	キャップリール L	*	1
	2-18	★ 80-ZM4-283-310	0E	リール Cスプリンク	*	2
	2-19	80-ZM4-231-010	0E	キャップリール R	*	1
	2-20	★ 80-ZM4-294-010	1C	EHアム ASSY R	*	1
	2-21	★ 80-ZM4-293-010	1C	EHアム ASSY L	*	1
	2-22	★ 86-550-512-010	0E	EHバックL Tスプリンク	*	1
	2-23	★ 86-550-511-010	0E	EHバックR Tスプリンク	*	1
	2-24	80-ZM4-267-110	1A	EHシャフト	*	2
	2-25	★ 80-ZM4-333-010		プレート A	*	1

EXPLODED VIEW - 3

REF. NO.	PART NO.	DESCRIPTION
A	87-067-859-010	PW0.8-2.5-0.2 SLT
B	80-ZM4-332-010	S-SCREW 1.4-1.6
C	87-067-861-010	SOMA-SHEET 1.2-2.4-0.13
D	80-ZM4-334-010	PW1.15-3-0.25
E	87-067-860-010	PW3-0.95-0.4
F	80-ZM4-324-010	PW1-6-0.25
G	87-067-359-010	S-SCREW 3-0.95-0.4
H	87-067-817-010	PW1.55-3.5-0.3
I	87-067-693-010	PW3-0.8-0.25 SLT
J	87-067-370-010	RW1.2-3-0.25
K	87-067-384-010	VT1.4-3.5HL
L	87-067-816-010	PW0.8-2.5-0.13 SLT
M	87-067-819-010	V+1.4-3C
N	87-067-569-010	PW0.83-2.5-0.25 CUT



PART NO. CHANGED TO	REF. NO.	PART NO.	カンリ NO.	DESCRIPTION	COMMON MODEL	Q, TY
	3-1	★ 80-ZM4-243-110	OE	アイトールプーリー	*	1
	3-2	80-ZM4-217-410	1B	ヘッドレハ-ASSY	*	1
	3-3	80-ZM4-305-110	1B	フレイリングASSY	*	1
	3-4	★ 80-ZM4-232-010	OE	フレイカムキヤ	*	1
	3-5	★ 80-536-467-010	OE	MR2カトウヘン	*	1
	3-6	★ 80-ZM4-227-010	OE	リンクキヤB	*	1
	3-7	80-ZM4-235-210	OE	カムキヤ	*	1
	3-8	★ 80-ZM4-219-010	OE	FRロックアーム	*	1
	3-9	★ 80-ZM4-274-010	OE	ロックアームGR	*	1
	3-10	★ 80-ZM4-286-110	OE	ロックアームGR トスプリンク	*	1
	3-11	★ 80-ZM4-225-010	OE	トリカ-レハ-	*	1
	3-12	★ 80-ZM4-285-110	OE	トリカ-レハ- トスプリンク	*	1
	3-13	★ 80-ZM4-221-110	1B	カムレハ-ASSY	*	1
	3-14	★ 80-ZM4-288-010	OE	カムレハ- トスプリンク	*	1
	3-15	★ 80-ZM4-325-210	OE	フライホイールF Cスプリンク	*	1
	3-16	★ 80-ZM4-246-010	1B	フライホイールF ASSY	*	1
	3-17	80-ZM4-257-010	OE	ハルト	*	1
	3-18	80-ZM4-240-010	1B	フライホイールASSY R	*	1
	3-19	★ 80-ZM4-245-210	1B	スリッパキヤ ASSY	*	1
	3-20	★ 80-ZM4-218-110	1A	フレイキヤレハ-ASSY	*	1
	3-21	★ 80-ZM4-233-010	OE	フレイキヤ	*	1
	3-22	★ 80-ZM4-210-210	OE	FRロックレハ-	*	1
	3-23	★ 80-ZM4-222-110	1A	アイトレハ-ASSY	*	1
	3-24	★ 80-ZM4-287-010	OE	FRレハ- トスプリンク	*	1
	3-25	★ 80-ZM4-282-010	OE	FR Cスプリンク	*	1
	3-26	★ 80-ZM4-234-010	OE	FRキヤ	*	1
	3-27	★ 80-ZM4-228-010	OE	アイトラキヤ R	*	1
	3-28	★ 80-ZM4-259-010	1A	FRプレートASSY	*	1
	3-29	---	OE	オートシート	*	1
	3-30	★ 80-ZM4-229-010	OE	アイトラキヤ L	*	1
	3-31	★ 80-ZM4-244-010	OE	フレイアイトラキヤ	*	1
	3-32	★ 80-ZM4-226-110	OE	リンクキヤ A	*	1
	3-33	★ 80-ZM4-329-110	OE	3-0.8-0.25 シート	*	1
	3-34	★ 80-ZM4-239-010	1B	キヤプーリーASSY	*	1
	3-35	★ 86-ZM4-331-010	OE	8.5-2-0.15 シート	*	1
	3-36	★ 86-550-455-010	OE	0.87-2.25-0.25 カットシート	*	2
	3-37	★ 80-ZM4-349-010	OE	1.53-3.5-0.5 シート	*	1
	3-38	★ 80-ZM4-284-010	OE	EHLレハ- エスプリンク	*	1
	3-39	★ 80-ZM4-261-010	1A	RECLレハ-PLASSY	*	1
	3-40	★ 80-ZM4-263-010	OE	EHLロック トスプリンク	*	1
	3-41	★ 80-ZM4-258-210	OE	RECLレハ-リンクASSY	*	1
	3-42	★ 80-ZM4-262-110	1B	REC EHLレハ-ASSY	*	1
	3-43	★ 80-536-467-010	OE	MR2カトウヘン	*	1