

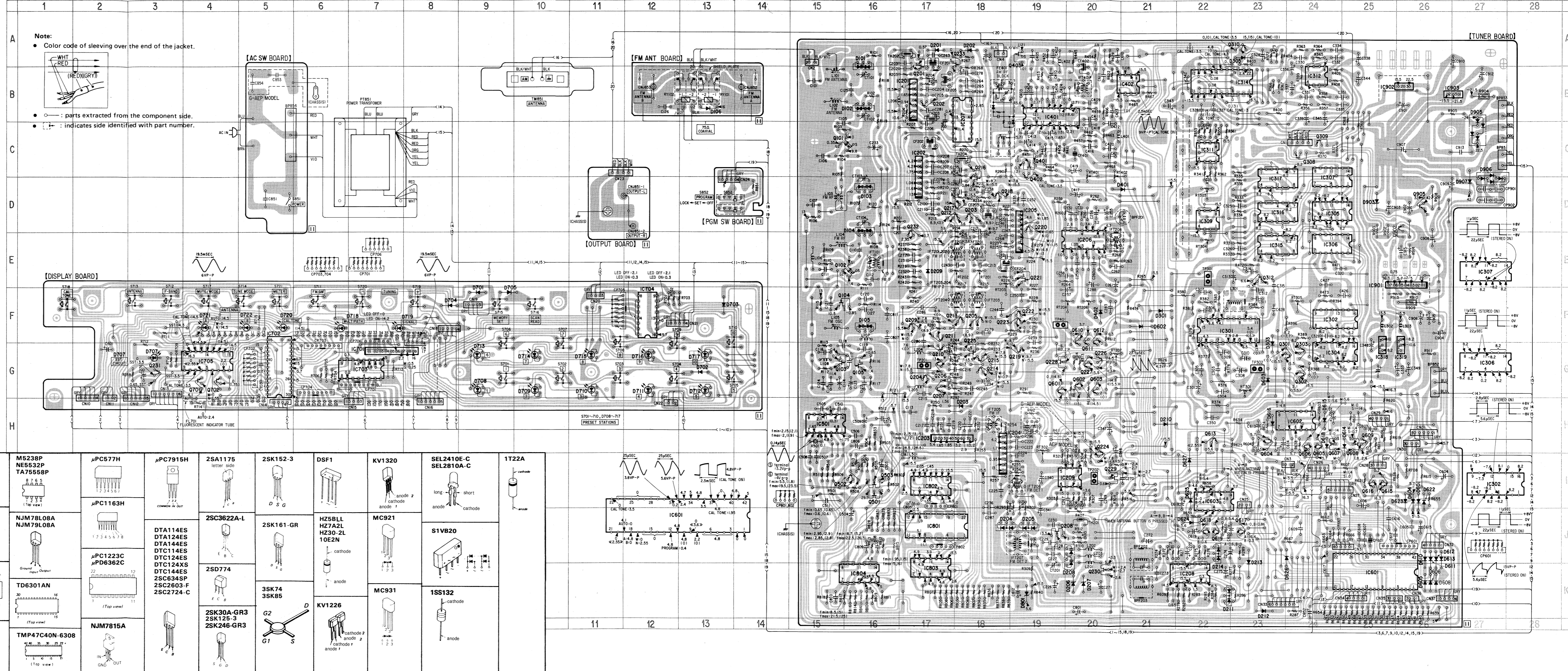
SECTION 4
DIAGRAMS

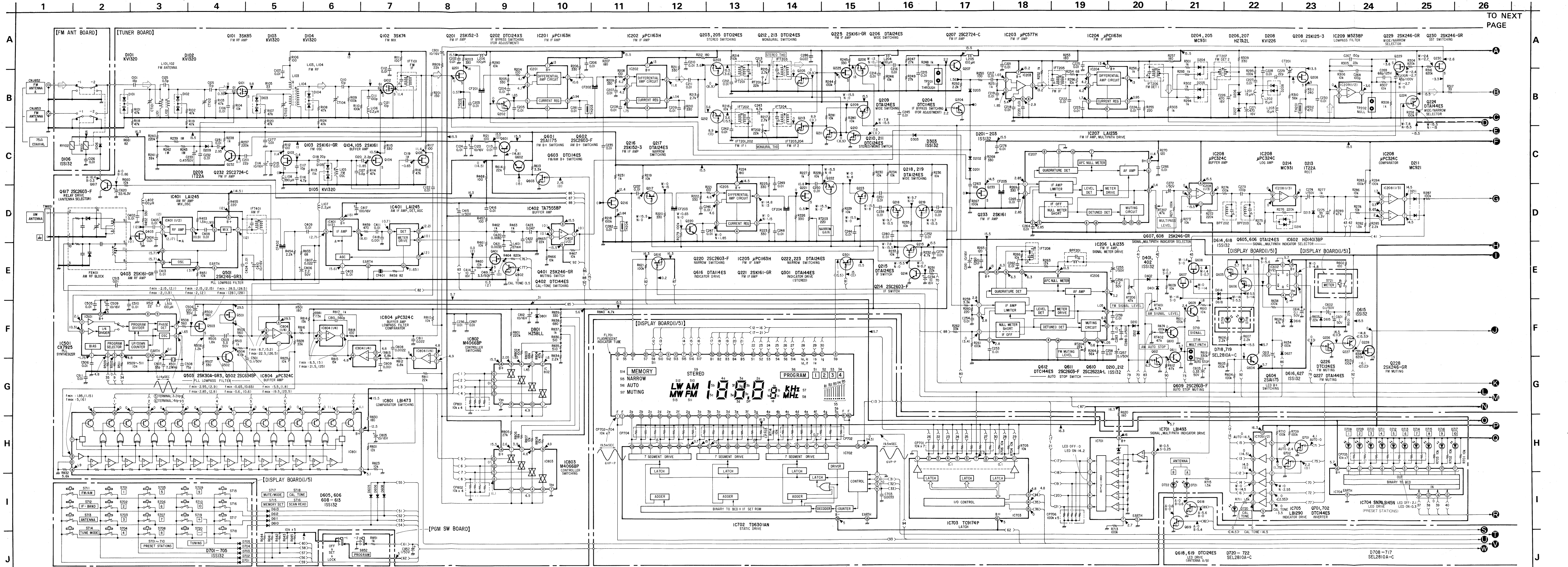
SEMICONDUCTOR LOCATION

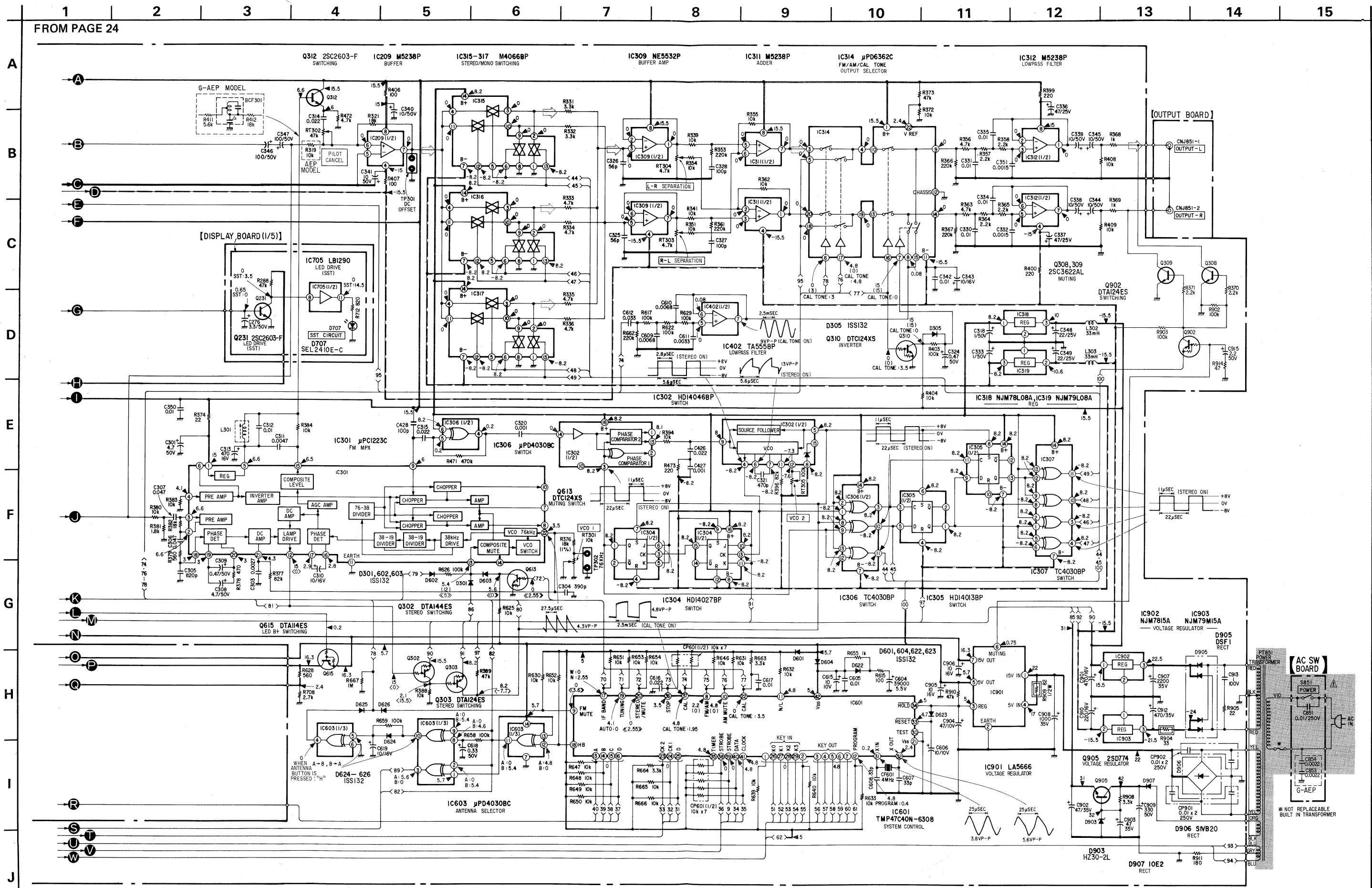
Ref.No.	Location	Ref.No.	Location	Ref.No.	Location
D101	A-16	IC201	B-17	Q101	C-15
D102	B-16	IC202	C-17	Q102	E-15
D103	D-16	IC203	H-17	Q103	G-15
D104	D-16	IC204	H-18	Q104	F-15
D105	F-16	IC205	D-19	Q105	G-16
D106	B-13	IC206	F-20	Q201	B-17
D201	A-17	IC207	B-19	Q202	B-17
D202	A-18	IC208	K-22	Q203	D-18
D203	H-18	IC209	I-20	Q204	G-17
D204	J-18	IC301	F-22	Q205	F-18
D205	J-19	IC302	F-24	Q206	G-17
D206	K-20	IC304	G-24	Q207	G-17
D207	K-20	IC305	D-24	Q208	J-17
D208	K-20	IC306	F-24	Q209	F-17
D209	E-17	IC307	C-24	Q210	G-17
D210	H-21	IC309	D-22	Q211	F-17
D211	K-22	IC311	C-22	Q212	D-17
D212	K-23	IC312	B-24	Q213	F-17
D213	J-23	IC314	B-23	Q214	G-18
D214	J-22	IC315	E-23	Q215	G-18
D301	F-21	IC316	D-23	Q216	C-18
D303	G-23	IC317	D-23	Q217	D-17
D305	A-23	IC318	G-25	Q218	D-18
D401	D-21	IC319	G-26	Q219	G-19
D402	F-20	IC401	B-19	Q220	D-19
D601	I-26	IC402	B-21	Q221	E-19
D602	F-21	IC501	H-15	Q222	F-19
D603	G-23	IC601	K-25	Q223	F-19
D604	I-26	IC602	H-24	Q224	G-18
D605	K-26	IC603	I-22	Q225	G-18
D606	K-26	IC701	G-7	Q226	G-20
D608	K-26	IC702	F-5	Q227	G-20
D610	J-26	IC703	G-7	Q228	G-19
D611	K-26	IC704	F-12	Q229	I-20
D612	J-26	IC705	G-4	Q230	K-20
D613	J-26	IC801	J-17	Q231	G-3
D614	H-25	IC802	I-17	Q232	D-17
D615	H-24	IC803	K-17	Q233	A-18
D616	H-23	IC804	K-16	Q301	G-24
D618	H-24	IC901	E-25	Q302	G-24
D622	I-26	IC902	B-25	Q303	G-24
D623	I-26	IC903	B-26	Q308	C-24
D624	J-22			Q309	C-24
D625	I-22			Q310	A-23
D626	K-24			Q312	E-23
D627	I-22			Q401	C-19
D701	F-9			Q402	D-19
D702	G-13			Q403	A-19
D703	F-13			Q501	I-16
D704	F-8			Q502	I-16
D705	G-3			Q503	I-16
D706	G-9			Q601	G-19
D707	G-9			Q602	G-20
D708	G-9			Q603	G-20
D709	G-10			Q604	H-23
D710	G-11			Q605	H-24
D711	G-12			Q606	H-24
D712	G-13			Q607	H-24
D713	G-9			Q608	H-25
D714	G-10			Q609	H-25
D715	G-11			Q610	F-20
D716	G-12			Q611	G-20
D717	G-13			Q612	F-20
D718	F-6			Q613	H-22
D719	F-8			Q615	I-25
D720	F-5			Q616	I-25
D721	F-6			Q617	J-23
D801	K-19			Q618	J-22
D903	D-25			Q701	G-4
D905	B-27			Q702	G-4
D906	C-27			Q905	D-26
D907	D-27				

Semiconductor
Lead Layouts

CX7925 HD14013BP M4066BP TC4030BP μPC324C	LA5666 	M5238P NE5532P TA75558P	μPC577H 	μPC7915H 	2SA1175 letter side	2SK152-3 	DSF1 	KV1320 	SEL2410E-C SEL2810A-C	1T22A
HD14027BP HD14046BP LA1235 SN74LS145N TC9174P	LB1290 	NJM78L08A NJM79L08A	μPC1163H 	DTA114ES DTA124ES DTA144ES DTC114ES DTC124XS DTC144ES	2SK3622A-L 	HZ5BLL HZ7A2L HZ30-2L 10E2N	MC921 	S1VB20 	IC601 	IC801
LA1245 	LB1473 	TD6301AN 	μPC1223C μPD6362C	2SC634SP 2SC2603-F 2SC2724-C	2SD774 	3SK74 3SK85	MC931 	1SS132 	IC802 	IC803
	LB1493 	TMP47C40N-6308 	NJM7815A 	2SK30A-GR3 2SK125-3 2SK246-GR3	3SK74 3SK85	KV1226 			IC804 	IC805







Note:

- All capacitors are in μF unless otherwise noted. $\text{pF} = \mu\mu\text{F}$ 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $1/4\text{W}$ or less unless otherwise specified.
- ⊞ : signal path.

Note: The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

- Δ : internal component.
- \square : nonflammable resistor.
- %: indicates tolerances.
- Switch

Ref. No.	Switch	Position
S701	PRESET STATIONS	1 OFF
S702	"	2 "
S703	"	3 "
S704	"	4 "
S705	"	5 "
S706	"	6 "
S707	"	7 "
S708	"	8 "
S709	"	9 "
S710	"	10 "
S711	FM/AM	"
S712	IF-BAND	"
S713	ANTENNA	"
S714	TUNE MODE	"
S715	MEMORY SET	"
S716	SCAN READ	"
S717	MUTE/MODE	"
S718	CAL TONE	"
S719	TUNING +	"
S720	"	"
S721	METER	"
S851	POWER	"
S852	PROGRAM	"

- : B+ bus.
- - - : B- bus.
- : adjustment for repair.
- Voltages are dc with respect to ground unless otherwise noted.
- Readings are taken under no-signal (detuned) conditions with a VOM (50 $\text{k}\Omega/\text{V}$).
- No mark: FM
- () : AM
- < > : STEREO
- Δ \triangleright : MUTING
- A : ANTENNA A
- B : ANTENNA B
- W : WIDE
- N : NARROW
- M : MULTIPATH
- S : SIGNAL

Waveforms are taken to ground in no-signal mode by using oscilloscope. Voltage variations may be noted due to normal production tolerances.