

SHEET INDEX

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CIRCUIT NOTES:(CONTINUED)

110. SET AT2 TO ADJUST TRUNK LOSS AND TRANSMISSION LEVELS BY EXPOSING THE DESIGNATIONS SHOWN IN THE FOLLOWING TABLE:

FAR END OFFICE	NEAR END OFFICE		
	TPD	2T	TP2
DIGITAL SW	1T, 2T, 2R	1T, 2R	2R

111. OPTION S SHOULD BE USED WITH BY LINK INCOMING TRUNK CIRCUITS AND MAY BE USED FOR ALL APPLICATIONS.

112. OPTIONS (K) AND (Y) ARE PERMANENT CONNECTIONS.

EQUIPMENT NOTES:

201. DESIRED OPTION SHALL BE COMPLETED BY TIGHTENING SCREW SUFFICIENTLY TO INSURE CONTACT BETWEEN TERMINALS AND UNDERSIDE OF SCREWHEAD. CAUTION IN TIGHTENING SCREW IS RECOMMENDED TO AVOID SHEARING OF SCREW. TO OPEN A CIRCUIT SCREW SHALL BE LOOSENEED APPROXIMATELY FOUR COMPLETE TURNS. UNIT IS NORMALLY FURNISHED WITH OPTION SCREWS UP.

202. DESIGNATIONS SHOWN IN BRACKETS [] SHALL APPEAR ON EQUIPMENT.

203. ALL CONTACTS SHOWN WITH ARROW \rightarrow ARE PART OF PRINTED WIRING BOARD FINGER CONTACTS.

204. REMOVED

205. PRINTED WIRING BOARD IS ARRANGED SO THAT 1066A FILTERS ARE PHYSICALLY INTERCHANGEABLE WITH F58891 FILTERS, AND 1067A FILTERS PHYSICALLY INTERCHANGEABLE WITH F58892 FILTERS.

206. DESIGNATIONS SHOWN THUS [] APPEAR ON COMPONENT APPARATUS.

INFORMATION NOTES:

301. UNLESS OTHERWISE SPECIFIED:
ALL RESISTANCE VALUES ARE IN OHMS
ALL CAPACITANCE VALUES ARE IN MICROFARADS
ALL VALUES PRECEDED BY + OR - ARE IN VOLTS.

302. OFFICE WIRING LIST RECORDS NEED NOT BE MAINTAINED FOR SCREW TYPE OPTIONS.

303. FIGS. 101 THRU 107 ARE FOR INFORMATION ONLY. SEE CONTROLLING SCHEMATIC FOR COMPLETE CIRCUIT DETAILS.

DWG ISSUE	RECORDED	DATE ISSUED	BY	CHKD
1	1	7-2-77	JTF	JTF
2A	2A	10-18-77	JTF	JTF
3A	3A	3-11-78	JTF	JTF
4B	3A	3-4-78	JTF	JTF
5B	5A	12-14-78	JTF	JTF
6B	3A	7-10-79	JTF	JTF

CIRCUIT NOTES:

101. TIGHTEN SCREWS OF NBO (NET BUILD OUT) OPTIONS ACCORDING TO CIRCUIT REQUIREMENTS.

102.

CHANGED ON ISS	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT			
				STD	A & M	MD	SPEC
5B	S OR T	T	111	S			T
	V	NONE		V			
	M OR N	N		M			N
	W OR Y	W, Y	112	W, Y			
6B	FIG. A OR FIG. B	FIG. A		FIG. B			FIG. A
	J OR K	K		J			K
	R OR U	U		R			U

103. UNLESS OTHERWISE SPECIFIED, ALL RESISTORS ARE 254A TYPE. USE 237A WHEN PRINTED WIRING PATHS MUST BE RUN BENEATH COMPONENT. KS-20810, L1A.

104. REMOVED

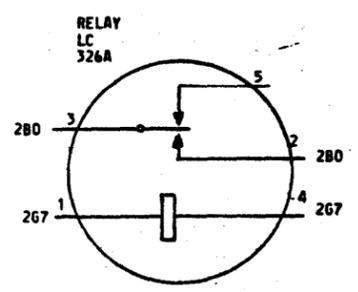
105. F58891 AND F58892 ARE ACTIVE FILTERS WITH CAP-PAK CAPACITORS. 1066A AND 1067A ARE ACTIVE FILTERS WITH THIN FILM CAPACITORS.

106. RPAM AND RPAG SHALL BE RUN PARALLEL TO EACH OTHER, KEPT SHORT AND RUN DIRECT TO THE RECEIVER FILTER. TPAM AND TPAG SHALL BE RUN SIMILARLY TO THE TRANSMIT FILTER.

107. FOR CONNECTING INFORMATION SEE APPLICATION SCHEMATIC FOR THE D3 BANK (SD-3C104-01).

108. THE 326A RELAY IS NOT ADJUSTABLE. REPLACE WHEN THERE IS A MALFUNCTION.

109. SET AT1 TO BUILD OUT THE LOSS OF THE OFFICE CABLING FROM THE SWITCH TO 1.5 dB. THE LOSS OF THE ATTENUATOR IS INDICATED BY THE SUM OF THE EXPOSED DIGITS.



HIGHEST COMPONENT USED ON THIS DWG				
C18	CR4	R27	RV6	QB
NOT USED				
C1, C10		R1, R2 R7, R8 R9		

SUPPORTING INFORMATION

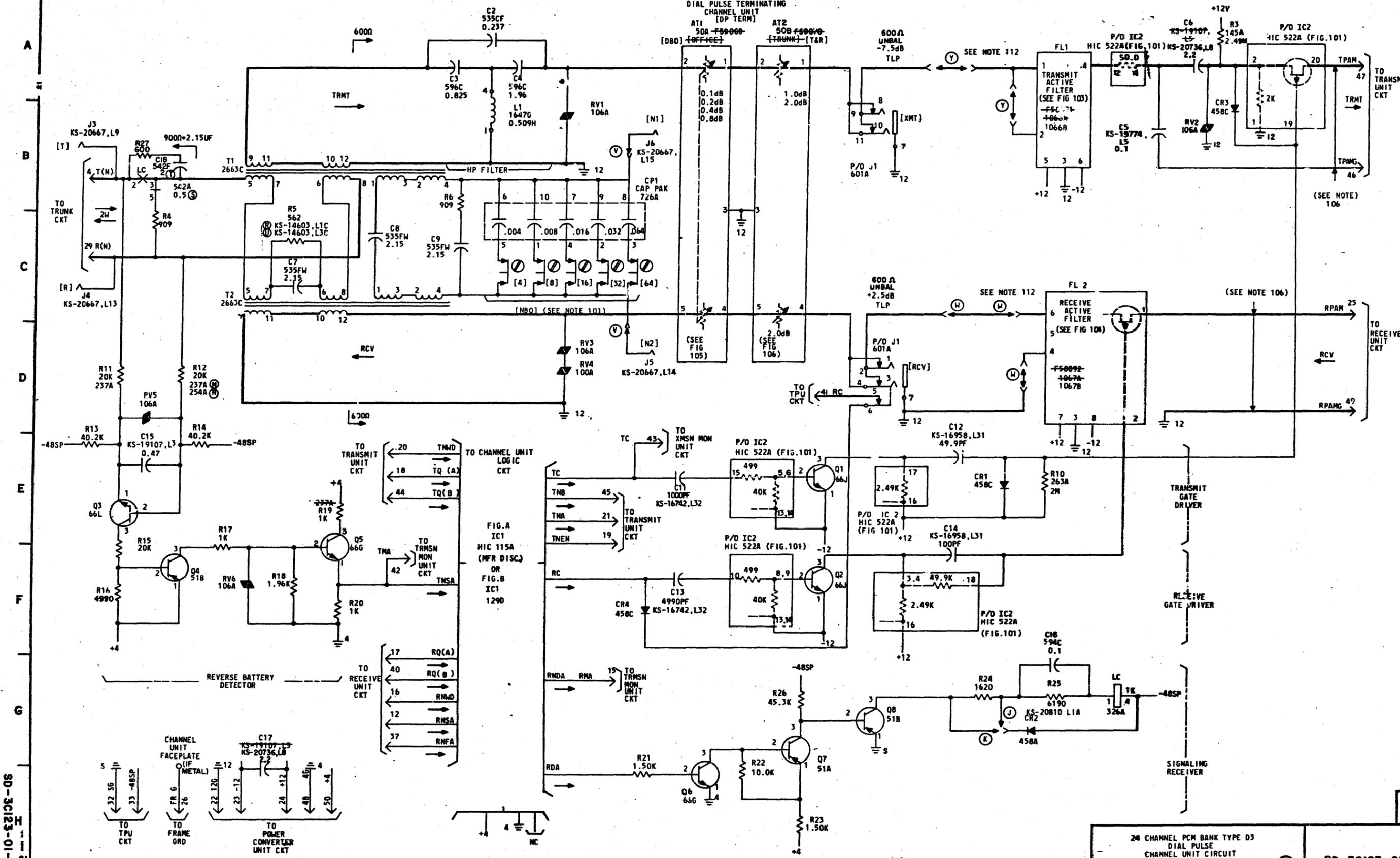
CATEGORY	NO.
EQUIPMENT DRAWING	J9871888-()
X-SPEC	X-78435

SD-3C123-01 IN22
COMMON SYSTEMS
24 CHANNEL PCM BANK TYPE D3
DIAL PULSE
CHANNEL UNIT CIRCUIT
TERMINATING OFFICE END
D3CD (DP TERM)
BELL TELEPHONE LABORATORIES
INCORPORATED

AT&T
STANDARD
SD-3C123-01-1
4 SHEETS
65

FIG. 1

DIAL PULSE TERMINATING CHANNEL UNIT (DP TERM)



SD-3C123-01-2

ISSUE 6B

FIG. 101
RESISTORS AND GATE

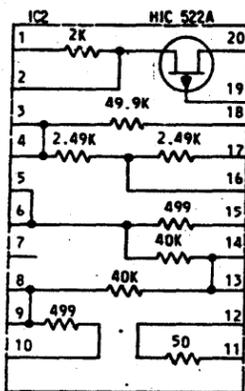


FIG. 102 (MFR DISC)
CHANNEL UNIT LOGIC

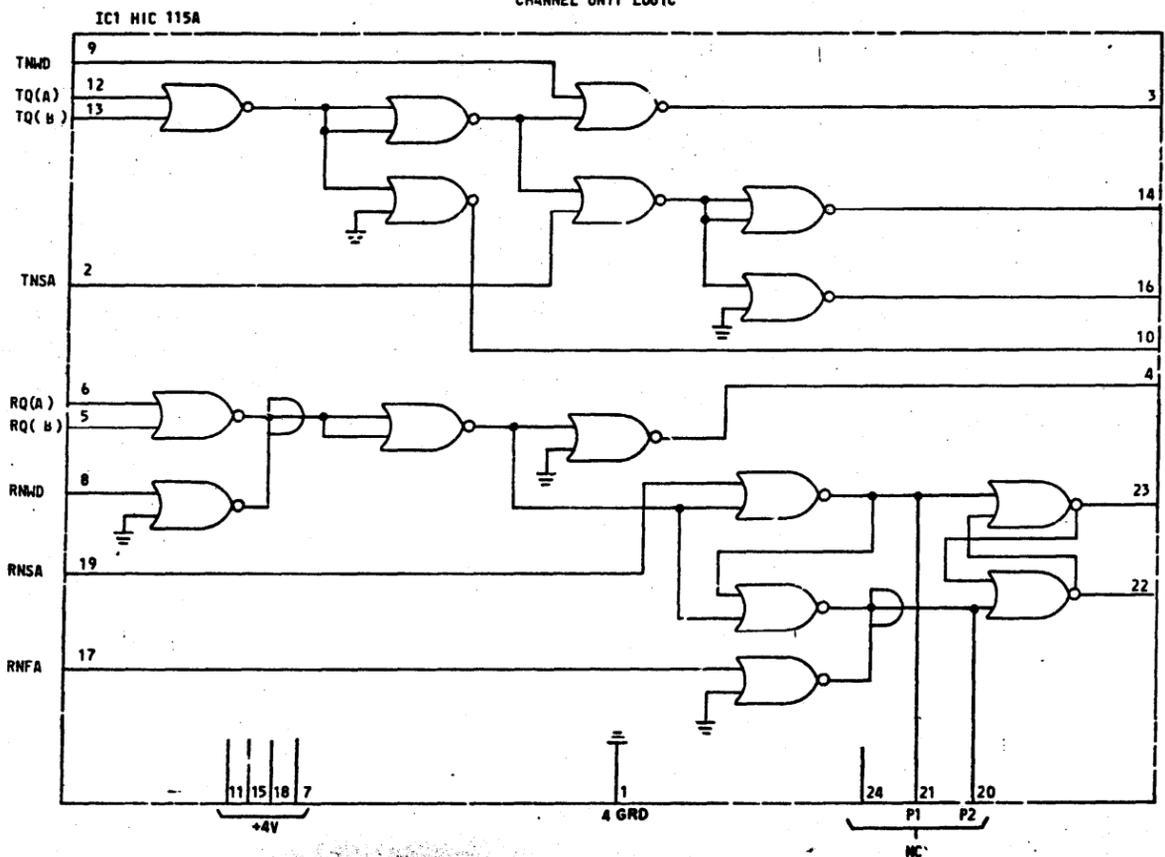


FIG. 103
TRANSMIT ACTIVE FILTER

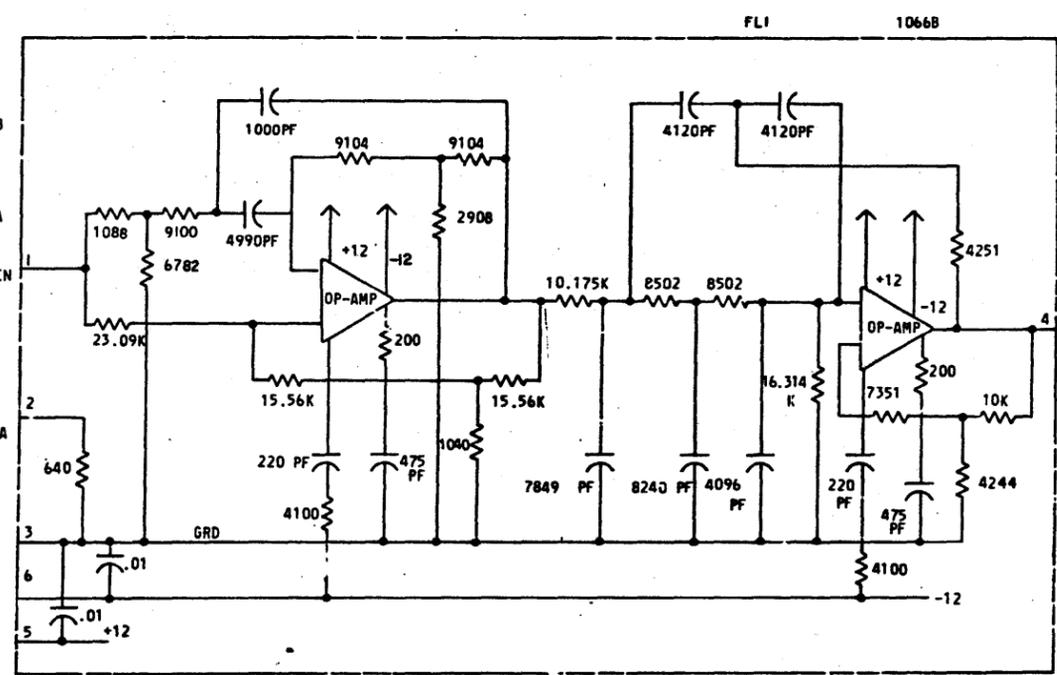


FIG. 104
RECEIVE ACTIVE FILTER

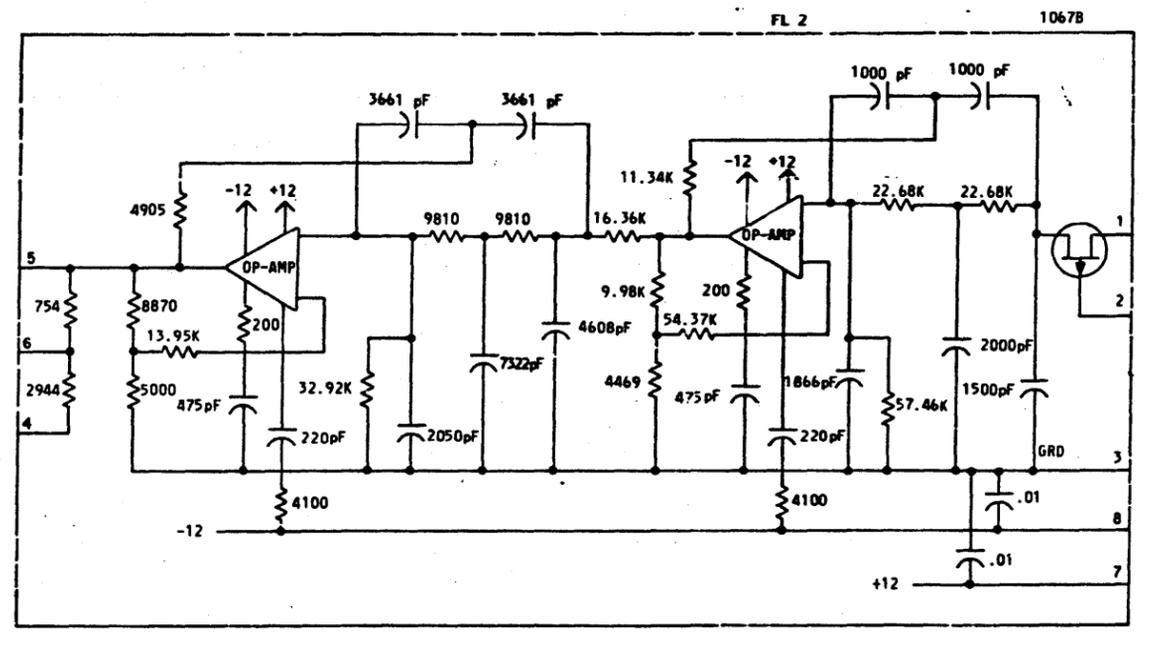


FIG. 105
DBO ATTENUATOR

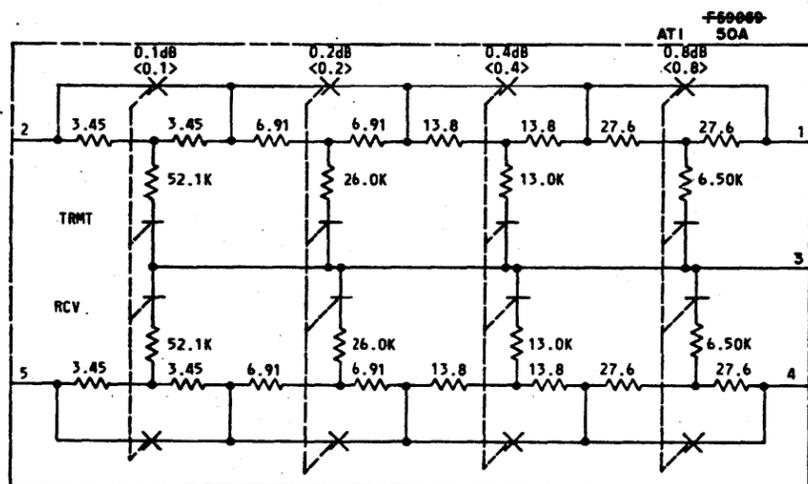
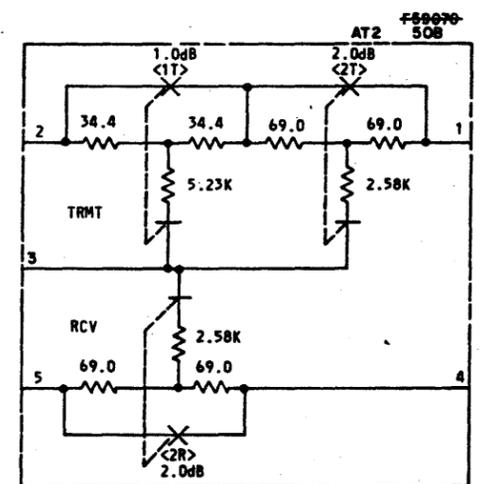


FIG. 106
T&R ATTENUATOR



SD-3C123-01-3

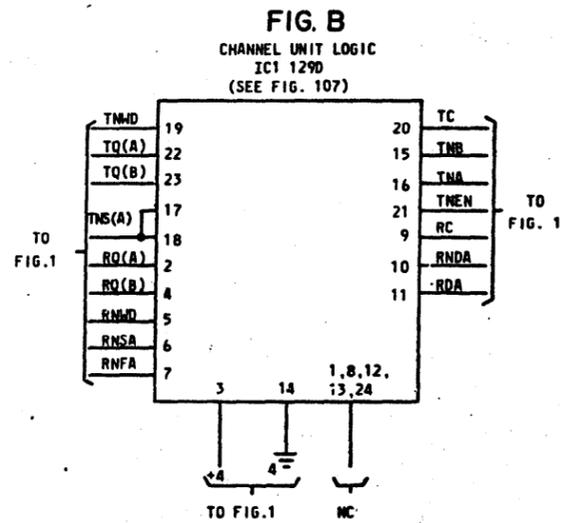
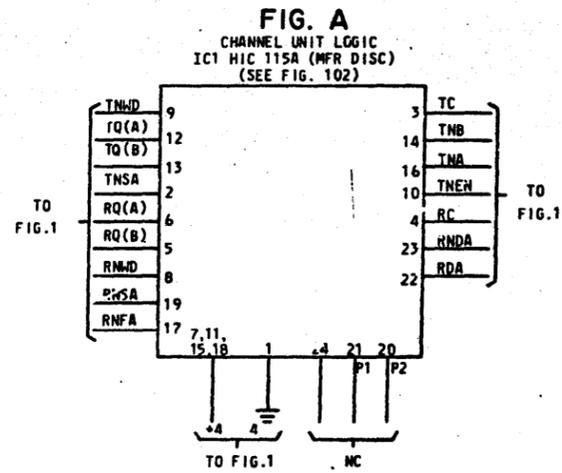
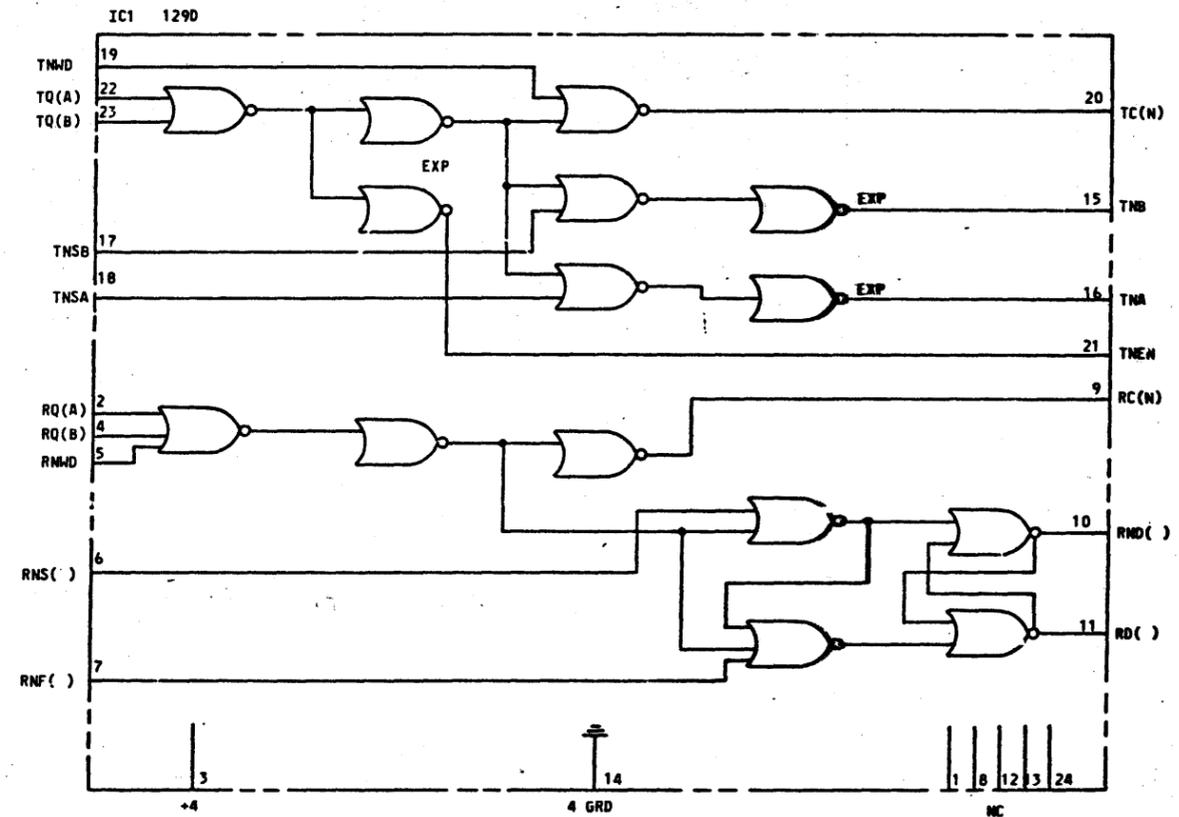


FIG. 107
CHANNEL UNIT LOGIC



SD-3C123-01-4

ISSUE
GB

2nd CHANNEL PCM BANK TYPE D3
DIAL PULSE
CHANNEL UNIT CIRCUIT
TERMINATING OFFICE END
BELL TELEPHONE LABORATORIES
INCORPORATED

6S

SD-3C123-01-4