

**8. REPLACEABLE
ELECTRICAL
PARTS,
LOCATION
AND CIRCUIT
DIAGRAM**

8.1 MAIN FRAME Volume II	1
8.2 RF BLOCK Volume II	2
8.3 2nd, 3rd CONVERTER Volume II	3
8.4 IF BLOCK Volume II	4
8.5 LOG, A/D BLOCK Volume II	5
8.6 CPU BLOCK Volume II	6
8.7 RF I/O Volume III	7
8.8 SYNTHESIZER BLOCK Volume III	8
8.9 OTHERS MEMORY CARD, FREQUENCY STANDARD, IF DETECTOR, IF DETECTOR, PANEL, REAR CONNECTOR Volume III	9

**R3265A/3271A
SPECTRUM ANALYZER
MAINTENANCE MANUAL**

8. REPLACEABLE ELECTRICAL PARTS, LOCATION AND CIRCUIT DIAGRAMS

8. REPLACEABLE ELECTRICAL PARTS, LOCATION AND CIRCUIT DIAGRAMS

	BOARD NAME		PARTS LIST	CIRCUIT LAYOUT
8.1	MAIN FRAME	WFL-32xxE	8.1-1	—
8.2	RF BLOCK	WST-3271RF*NEW	8.2-1	8.2-7
		WBL-3X71*1ST	8.2-2	—
		WBL-ATT*WIN	8.2-3	—
		WST-3265RF*NEW	8.2-4	8.8
		WBL-3X65*1ST	8.2-5	—
		WBL-ATT*HRS	8.2-6	—
	FM DRIVER	BLB-020655X02	8.2-9 to 8.2-10	—
		BLB-020655	8.2-11 to 8.2-12	—
	1st CONVERTER	BED-021089	8.2-17 to 8.2-18	8.2-21
		BED-020656	8.2-19 to 8.2-20	8.2-22
8.3	2nd, 3rd CONVERTER	WBL-3271THR	8.3-1	8.3-19
		BLB-017037	8.3-2 to 8.3-3	
		BLB-017045	8.3-4	
		BLC-017027 x02	8.3-5 to 8.3-8	
		BTF-017504	8.3-9 to 8.3-10	
		WBL-3265THR	8.3-11	
		BLB-017037	8.3-2 to 8.3-3	
		BLB-017045	8.3-4	
		BLC-017027 x01	8.3-12 to 8.3-16	
		BTF-017356	8.3-17 to 8.3-18	
8.4	IF BLOCK	WBC-32XXIF	8.4-1	8.4-19
		BLS-017025	8.4-2 to 8.4-18	
8.5	LOG, A/D BLOCK	WDL-32XXLOG	8.5-1	8.5-23
		BLS-017013	8.5-2 to 8.5-22	
8.6	CPU BLOCK	WBL-32XXCPU	8.6-1	—
		BLS-018191	8.6-2 to 8.6-9	
8.7	RF I/O	WBL-3271I/O	8.7-1	8.7-22
		BLL-017508 x03	8.7-2 to 8.7-11	
		WBL-3265I/O	8.7-12	
		BLL-017508 x02	8.7-13 to 8.7-21	
8.8	SYNTHESIZER BLOCK	WBL-32XXSYN	8.8-1	8.8-35
		BLC-017046	8.8-2 to 8.8-9	
		BLC-017044	8.8-10 to 8.8-34	
8.9	MEMORY CARD	WBL-32XXMCRD	8.9-1	—
		BLC-017047	8.9-2	
	FREQUENCY STANDARD	WBL-32XXSTD	8.9-3	—
		BLB-017041	8.9-3	
	IF DETECTOR	BLB-020417	8.9-4 to 8.9-5	—
	IF BLOCK	WBL-3271PNL	8.9-6	—
		WBL-3265PNL	8.9-7	
		BLD-017048	8.9-8	
	REAR CONNECTOR	BLD-021088	8.9-9	—

T	CIRCUIT LAYOUT	PARTS LAYOUT	BLOCK DIAGRAM	CIRCUIT DAIGRAM
	—	—	—	—
	8.2-7	—	—	—
	—	—	—	—
	8.8	—	—	—
	—	—	—	—
-10	—	—	—	—
-12	—	8.2-13	—	8.2-14 to 8.2-16
-18	8.2-21	8.2-23	8.2-25	8.2-27 to 8.2-28
-20	8.2-22	8.2-24	8.2-26	8.2-29 to 8.2-30
	8.3-19	8.3-20 to 8.3-21	8.3-24	—
3-3				8.3-25 to 8.3-28
				8.3-29 to 8.3-30
3-8				8.3-31 to 8.3-35
-10				8.3-36 to 8.3-37
		—		
3-3		8.3-25 to 8.3-28		
		8.3-29 to 8.3-30		
3-16		8.3-38 to 8.3-42		
3-18		8.3-43 to 8.3-44		
	8.4-19	8.4-20 to 8.4-21	8.4-22	—
-18				8.4-23 to 8.4-43
	8.5-23	8.5-24 to 8.5-25	8.5-26 to 8.5-28	—
-22				8.5-29 to 8.5-55
	—	8.6-10 to 8.6-11	—	—
-6-9				8.6-12 to 8.6-59
	8.7-22	8.7-23 to 8.7-24	8.7-25 to 8.7-26	—
7-11				8.7-27 to 8.7-53
				—
-7-21				8.7-54 to 8.7-80
	8.8-35	8.8-36 to 8.8-37	8.8-38 to 8.8-40	—
-8-9				8.8-41 to 8.8-50
-8-34				8.8-51 to 8.8-80
	—	—	—	—
	—	—	—	8.9-10
	—	—	—	—
				8.9-11 to 8.9-12
-9-5	—	—	—	8.9-13 to 8.9-15
	—	—	—	—
				—
				8.9-16
	—	—	—	8.9-17 to 8.9-18

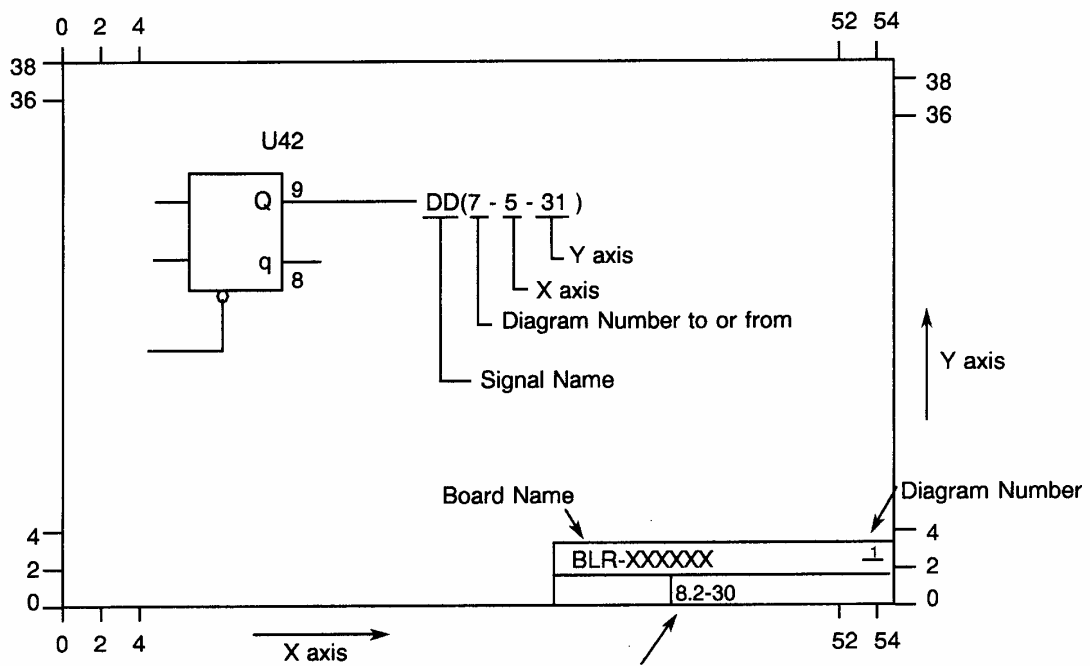
Volume II

Volume III

R3265A/3271A
SPECTRUM ANALYZER
MAINTENANCE MANUAL

8. REPLACEABLE ELECTRICAL PARTS, LOCATION AND CIRCUIT DIAGRAMS

< Circuit Board Interconnection >



R3265A/3271A
RF I/O
WBL-3271 I/O

Parts No.	Advantest Stock No.	Description	Note
Q1 -2	BLL-017508×03	RF I/O BOARD	
Q3	SFM-2SK972	MOS FET N-CHAN E-MODE	
Q4	STN-2SC3852-1	TRANSISTOR NPN	
R1 -4	SFN-2SK811	MOS FET N-CHAN E-MODE	
	RPW-BB40	FIX METAL 40Ω ±1% 1.5W TC= ±5	

R3265A/3271A
RF I/O
BLS-017508×03 (1 of 10)

Parts No.	Advantest Stock No.	Description				Note
C1 -3	CSM-AGR1U50V	CER	0.1 μ F	$\pm 80\%$ -20%	50V	
C4	CSM-TAR022U50V	CER	0.022 μ F	$\pm 80\%$ -20%	50V	
C5 -6	CSM-AZ1000P50V	CER	1000pF	$\pm 80\%$ -20%	50V	
C7	CSM-TAR022U50V	CER	0.022 μ F	$\pm 80\%$ -20%	50V	
C8 -9	CSM-AGR1U50V	CER	0.1 μ F	$\pm 80\%$ -20%	50V	
C10	CSM-AZ1000P50V	CER	1000pF	$\pm 80\%$ -20%	50V	
C11	CSM-AGR1U50V	CER	0.1 μ F	$\pm 80\%$ -20%	50V	
C12	CSM-BA2200P50V	CER	2200pF	$\pm 80\%$ -20%	50V	
C13	CTA-AC2R2U35V	TA	2.2 μ F	$\pm 20\%$	35V	
C14 -16	CSM-AGR1U50V	CER	0.1 μ F	$\pm 80\%$ -20%	50V	
C17 -18	CTA-AC2R2U35V	TA	2.2 μ F	$\pm 20\%$	35V	
C19	CCK-BX100U16V	ELECT	100uF	$\pm 20\%$	16V	
C20	CSM-AGR47U50V	CER	0.47 μ F	$\pm 80\%$ -20%	50V	
C21	CTA-AC3R3U16V	TA	3.3 μ F	$\pm 20\%$	16V	
C22	CTA-AC2R2U35V	TA	2.2 μ F	$\pm 20\%$	35V	
C23 -25	CSM-AGR1U50V	CER	0.1 μ F	$\pm 80\%$ -20%	50V	
C26	CFM-ASR033U50V	FILM	0.033 μ F	$\pm 10\%$	50V	
C27	CSM-AGR1U50V	CER	0.1 μ F	$\pm 80\%$ -20%	50V	
C28	CCK-BX100U35V	ELECT	100 μ F	$\pm 20\%$	35V	
C29 -30	CSM-AGR1U50V	CER	0.1 μ F	$\pm 80\%$ -20%	50V	
C31	CCK-BX470U10V	ELECT	470 μ F	$\pm 20\%$	10V	
C32 -33	CTA-AC2R2U35V	TA	2.2 μ F	$\pm 20\%$	35V	
C34	CFM-AHR1U100V	FILM	0.1 μ F	$\pm 10\%$	100V	
C35 -36	CTA-AC2R2U35V	TA	2.2 μ F	$\pm 20\%$	35V	
C37	CCK-BX33U16V	ELECT	33 μ F	$\pm 20\%$	16V	
C38	CSM-TAR022U50V	CER	0.022 μ F	$\pm 80\%$ -20%	50V	
C39 -40	CSM-AGR1U50V	CER	0.1 μ F	$\pm 80\%$ -20%	50V	
C41	CFM-ASR022U50V	FILM	0.022 μ F	$\pm 10\%$	50V	
C45 -47	CSM-AGR1U50V	CER	0.1 μ F	$\pm 80\%$ -20%	50V	
C48	CTA-AC2R2U35V	TA	2.2 μ F	$\pm 20\%$	35V	
C50 -51	CSM-AZ1000P50V	CER	1000pF	$\pm 80\%$ -20%	50V	
C52	CTA-AC2R2U35V	TA	2.2 μ F	$\pm 20\%$	35V	
C53 -54	CSM-AGR1U50V	CER	0.1 μ F	$\pm 80\%$ -20%	50V	
C55	CTA-AC2R2U35V	TA	2.2 μ F	$\pm 20\%$	35V	
C57	CSM-AGR1U50V	CER	0.1 μ F	$\pm 80\%$ -20%	50V	
C58 -61	CTA-AC2R2U35V	TA	2.2 μ F	$\pm 20\%$	35V	
C62	CCK-BX10U25V	ELECT	10 μ F	$\pm 20\%$	25V	
C63	CSM-TAR022U50V	CER	0.022 μ F	$\pm 80\%$ -20%	50V	
C64	CCK-BX10U25V	ELECT	10 μ F	$\pm 20\%$	25V	
C65	CCK-CX22U50V	ELECT	22 μ F	$\pm 20\%$	25V	

R3265A/3271A
RF I/O
BLS-017508 x 03 (2 of 10)

Parts No.	Advantest Stock No.	Description				Note
C66	CCK-BX100U25V	ELECT	100 μ F	$\pm 20\%$	25V	
C67	CCK-CV300U25V-1	ELECT	330 μ F	$\pm 20\%$	25V	
C68	CCK-BX100U16V	ELECT	100 μ F	$\pm 20\%$	16V	
C69 -73	CSM-AGR1U50V	CER	0.1 μ F	$\pm 80\%$ -20%	50V	
C74	CSM-AZ1000P50V	CER	1000pF	$\pm 80\%$ -20%	50V	
C75 -76	CSM-AGR1U50V	CER	0.1 μ F	$\pm 80\%$ -20%	50V	
C77 -78	CTA-AC2R2U35V	TA	2.2 μ F	$\pm 20\%$	35V	
C80 -85	CSM-AGR1U50V	CER	0.1 μ F	$\pm 80\%$ -20%	50V	
C86	CCK-BX100U50V	ELECT	100 μ F	$\pm 20\%$	50V	
C88 -89	CSM-TFR1U50V	CER	0.1 μ F	$\pm 80\%$ -20%	50V	
C90 -93	CSM-AZ1000P50V	CER	1000pF	$\pm 80\%$ -20%	50V	
C94 -95	CSM-AGR1U50V	CER	0.1 μ F	$\pm 80\%$ -20%	50V	
C96	CSM-AGR1U50V	CER	0.1 μ F	$\pm 80\%$ -20%	50V	
C97	CCK-CV100U35V	ELECT	100 μ F	$\pm 20\%$	35V	
C98	CSM-AGR1U50V	CER	0.1 μ F	$\pm 80\%$ -20%	50V	
C99	CFM-ASR022U50V	FILM	0.022 μ F	$\pm 10\%$	50V	
C101	CSM-AZ22P50V	CER	22pF	$\pm 80\%$ -20%	50V	
D1	SDZ-W130	ZENER	DIODE	13V	0.5W	
D2	SDZ-2-2	ZENER	DIODE	6.2V	TC = ± 5 ppm/ $^{\circ}$ C	
D3	SDZ-H3-8	ZENER	DIODE	3.6V	0.5W	
D4	SDZ-H3-8	ZENER	DIODE	3.6V	0.5W	
D5	SDZ-W130	ZENER	DIODE	13V	0.5W	
D6	SDS-LD1	DIODE	SI			
D7 -8	SDZ-D030	ZENER	DIODE	3V	1W	
D9 -10	SDS-1SS270	DIODE	SI			
D12 -13	SDS-1SS270	DIODE	SI			
D14	SDZ-W050	ZENER	DIODE	5V	0.5W	
D15 -16	SDS-1S953	DIODE	SI			
D17	SDS-LD1	DIODE	SI			
D18	SDZ-D240	ZENER	DIODE	24V	1W	
D19 -20	SDS-LD1	DIODE	SI			
D21 -23	SDS-1SS270	DIODE	SI			
D31	SDZ-D240	ZENER	DIODE	24V	1W	
D32	SDS-1SS270	DIODE	SI			
D40	SDP-SM1-7	DIODE	SI	0.8A		
J1	JCR-BY064PX01	CONNECTOR				
J2	JCR-BY050PX01	CONNECTOR				
J3	JCI-AD014JX01	CONNECTOR				
J5	JCS-DN004PX01-1	CONNECTOR				
J6	JCR-AC016PX05-1	CONNECTOR				

R3265A/3271A
RF I/O
BLS-017508 x 03 (3 of 10)

Parts No.	Advantest Stock No.	Description	Note
J7	JCS-DN002PX01-1	CONNECTOR	
J8	JCF-BF001JX01-1	CONNECTOR RF COAX	
J9	JCS-DN006PX01-1	CONNECTOR RF COAX	
J10 -11	JCI-AD014JX01	CONNECTOR	
J12	JCS-DN003PX01-1	CONNECTOR	
J13	JCS-DN004PX01-1	CONNECTOR	
J14	JCS-DN016PX01-1	CONNECTOR	
J15	JCS-DN002PX01-1	CONNECTOR	
J16	JCR-AC010PX05-1	CONNECTOR	
J17	JCS-DN003PX01-1	CONNECTOR	
J20 -21	DMY-000903-1	CONNECTOR	
J22	JCS-DN002PX01-1		
JP1	DMY-000934-1		
K1	KRL-000434-1		
L1	LCL-T00084A		
L7	LCL-T00084A	COIL 120 μ H 1A	
L8	LCL-C00010	COIL 180 μ H 160mA	
L9 -10	LCL-T00084A	COIL 120 μ H 1A	
L11	LCL-T00084A	COIL 120 μ H 1A	
Q1	STN-2SC1815-55	TRANSISTOR NPN	
Q2	STP-2SA642B-3	TRANSISTOR PNP PD = 600mW	
Q3	STN-2SC815-2	TRANSISTOR NPN PD = 600mW	
Q4 -5	STP-2SA642B-3	TRANSISTOR PNP PD = 600mW	
Q6	STT-394-1	TRANSISTOR NPN MUCHED PAIR	
Q7	STN-2SC1815-55	TRANSISTOR NPN	
Q8	STN-2SC2983-1	TRANSISTOR NPN PD = 1W	
Q9	STP-2SA1225-1	TRANSISTOR PNP PD = 1W	
Q14	STN-2SC2983-1	TRANSISTOR NPN PD = 1W	
Q15	STP-2SA1225-1	TRANSISTOR PNP PD = 1W	
Q16	STN-2SC815-2	TRANSISTOR NPN PD = 600mW	
Q17 -19	STN-2SC1815-55	TRANSISTOR NPN	
Q21	STN-2SC2983-1	TRANSISTOR NPN PD = 1W	
Q22	STP-2SA1225-1	TRANSISTOR PNP PD = 1W	
Q24	STP-2SA642B-3	TRANSISTOR PNP PD = 600mW	
Q26	STP-UN4114-1	TRANSISTOR PNP WITH INTERNAL RESISTOR	
Q27	STN-2SC2983-1	TRANSISTOR NPN PD = 1W	
Q28	STP-2SA1225-1	TRANSISTOR PNP PD = 1W	
Q29	SFM-2SJ132	FET MOS P-CH E-MODE	
Q30	SFN-2SK30-1	FET N-JUNCTION	
Q32	SFM-2SJ132	FET MOS P-CH E-MODE	

R3265A/3271A
RF I/O
BLS-017508×03 (4 of 10)

Parts No.	Advantest Stock No.	Description	Note
Q33	STP-UN4114-1	TRANSISTAN PNP WITH INTERNAL RESISTOR	
Q34	STN-2SC2983-1	TRANSISTOR NPN PD = 1W	
Q35	STP-2SA1225-1	TRANSISTOR PNP PD = 1W	
R1	RMF-TC10KFJ	FIX METAL 10kΩ ± 1% 1/4W	
R2	RAY-AF10K8	ASSEMBLY OCTAL 10kΩ ± 0.1% 1/10W	
R3 -5	RMF-TC10KFJ	FIX METAL 10kΩ ± 1% 1/4W	
R6	RCB-AG1K	FXD CAR 1kΩ ± 5% 1/8W	
R7	RMF-TC1R5KFJ	FIX METAL 1.5kΩ ± 1% 1/4W	
R8	RMF-TC1R5KFJ	FIX METAL 1.5kΩ ± 1% 1/4W	
R9	RMF-TC1R2KFJ	FIX METAL 1.2kΩ ± 1% 1/4W	
R10 -11	RCB-AG10K	FXD CAR 10kΩ ± 5% 1/8W	
R12	RCB-AG2R2K	FXD CAR 2.2kΩ ± 5% 1/8W	
R13	RMF-TC4R7KFJ	FIX METAL 4.7kΩ ± 1% 1/4W	
R14	RVR-DF1K	VAR CERMET 1kΩ ± 20% 1/2W	
R15	RMF-TC3R9KFJ	FIX METAL 3.9kΩ ± 1% 1/4W	
R16 -17	RCB-AG1R5K	FXD CAR 1.5kΩ ± 5% 1/8W	
R18	RCB-AG2R2K	FXD CAR 2.2kΩ ± 5% 1/8W	
R19	RCB-AG10K	FXD CAR 10kΩ ± 5% 1/8W	
R20	RMF-AB9R1KFG	FIX METAL 9.1kΩ ± 1% 1/4W	
R21	RVR-BE2K	VAR WIRE 2kΩ ± 10% 1/2W	
R22	RMF-AB5KFG	FIX METAL 5kΩ ± 1% 1/4W	
R23	RMF-TC12KFJ	FIX METAL 12kΩ ± 1% 1/4W	
R24	RMF-TC10KFJ	FIX METAL 10kΩ ± 1% 1/4W	
R25	RCB-AG10K	FXD CAR 10kΩ ± 5% 1/8W	
R26	RCB-AG2R2K	FXD CAR 2.2kΩ ± 5% 1/8W	
R27 -28	RMF-TC10KFJ	FIX METAL 10kΩ ± 1% 1/4W	
R29	RCB-AG10K	FXD CAR 10kΩ ± 5% 1/8W	
R30	RCB-AG2R2K	FXD CAR 2.2kΩ ± 5% 1/8W	
R31	RCB-AG220	FXD CAR 220Ω ± 5% 1/8W	
R32	RCB-AG10K	FXD CAR 10kΩ ± 5% 1/8W	
R33	RMF-TC1KFJ	FIX METAL 1kΩ ± 1% 1/4W	
R34	RMF-TC9R1KFJ	FIX METAL 9.1kΩ ± 1% 1/4W	
R35 -36	RMF-TC1MFJ	FIX METAL 1MΩ ± 1% 1/4W	
R37	RMF-TC100KFJ	FIX METAL 100kΩ ± 1% 1/4W	
R38	RMF-TC2KFJ	FIX METAL 2kΩ ± 1% 1/4W	
R39	RMF-TC18KFJ	FIX METAL 18kΩ ± 1% 1/4W	
R40	RCB-AG330	FXD CAR 330Ω ± 5% 1/8W	
R41	REE-AR510	FIX METAL 510Ω -1/4W TC = 3300ppm/°C	
R42	RMF-TC20KFJ	FIX METAL 20kΩ ± 1% 1/4W	
R43	RMF-TC47KFJ	FIX METAL 47kΩ ± 1% 1/4W	

R3265A/3271A
RF I/O
BLS-017508×03 (5 of 10)

Parts No.	Advantest Stock No.	Description					Note
R44	RCB-AG150K	FXD	CAR	150k Ω	$\pm 5\%$	1/8W	
R45	RCB-AG330	FXD	CAR	330 Ω	$\pm 5\%$	1/8W	
R46	RMF-TC2R4KFJ	FIX	METAL	2.4k Ω	$\pm 1\%$	1/4W	
R47	RMF-TC47QFJ	FIX	METAL	47 Ω	$\pm 1\%$	1/4W	
R48	RMF-TC10KFJ	FIX	METAL	10k Ω	$\pm 1\%$	1/4W	
R49	RMF-TC150QFJ	FIX	METAL	150 Ω	$\pm 1\%$	1/4W	
R50	RMF-TC20KFJ	FIX	METAL	20k Ω	$\pm 1\%$	1/4W	
R51	RMF-TC10KFJ	FIX	METAL	10k Ω	$\pm 1\%$	1/4W	
R52	RMF-TC1KFJ	FIX	METAL	1k Ω	$\pm 1\%$	1/4W	
R53	RMF-TC110QFJ	FIX	METAL	110 Ω	$\pm 1\%$	1/4W	
R56	RMF-AB150KFJ	FIX	METAL	150k Ω	$\pm 1\%$	1/4W	
R57	RMF-AB11KFG	FIX	METAL	11k Ω	$\pm 1\%$	1/4W	
R58	RMF-AB10KFG-2	FIX	METAL	10k Ω	$\pm 1\%$	1/4W	
R59	RMF-TC820KFJ	FIX	METAL	820k Ω	$\pm 1\%$	1/4W	
R60	RCB-AG3R3K	FXD	CAR	3.3k Ω	$\pm 5\%$	1/8W	
R61	RCB-AG8R2K	FXD	CAR	8.2k Ω	$\pm 5\%$	1/8W	
R62	RMF-TC22KFJ	FIX	METAL	22k Ω	$\pm 1\%$	1/4W	
R63	RMF-TC2KFJ	FIX	METAL	2k Ω	$\pm 1\%$	1/4W	
R64	RMF-TC330KFJ	FIX	METAL	330k Ω	$\pm 1\%$	1/4W	
R65	RMF-TC1R2KFJ	FIX	METAL	1.2k Ω	$\pm 1\%$	1/4W	
R66	RCB-AG100	FXD	CAR	100 Ω	$\pm 5\%$	1/8W	
R67 -68	RCB-AG22K	FXD	CAR	22k Ω	$\pm 5\%$	1/8W	
R69	RCB-AG680	FXD	CAR	680 Ω	$\pm 5\%$	1/8W	
R70 -71	RCB-AH150	FXD	CAR	150 Ω	$\pm 5\%$	1/4W	
R72	RCB-AG10K	FXD	CAR	10k Ω	$\pm 5\%$	1/8W	
R73	RCB-AG100K	FXD	CAR	100k Ω	$\pm 5\%$	1/8W	
R74	RCB-AG120	FXD	CAR	120 Ω	$\pm 5\%$	1/8W	
R75	RCB-AG15	FXD	CAR	15 Ω	$\pm 5\%$	1/8W	
R76	RMF-AB6R8KFG	FIX	METAL	6.8k Ω	$\pm 1\%$	1/4W	
R77	RMF-AB15KFG	FIX	METAL	15k Ω	$\pm 1\%$	1/4W	
R78	RCB-AG3R3K	FXD	CAR	3.3k Ω	$\pm 5\%$	1/8W	
R79	RCB-AG8R2K	FXD	CAR	8.2k Ω	$\pm 5\%$	1/8W	
R80	RMF-TC4R7KFJ	FIX	METAL	4.7k Ω	$\pm 1\%$	1/4W	
R81	RMF-TC91KFJ	FIX	METAL	91k Ω	$\pm 1\%$	1/4W	
R82	RMF-TC22KFJ	FIX	METAL	22k Ω	$\pm 1\%$	1/4W	
R83	RMF-TC9R1KFJ	FIX	METAL	9.1k Ω	$\pm 1\%$	1/4W	
R84	RMF-TC10KFJ	FIX	METAL	10k Ω	$\pm 1\%$	1/4W	
R85	RCB-AG220	FXD	CAR	220 Ω	$\pm 5\%$	1/8W	
R86	RMF-TC9R1KFJ	FIX	METAL	9.1k Ω	$\pm 1\%$	1/4W	
R87	RMF-TC10KFJ	FIX	METAL	10k Ω	$\pm 1\%$	1/4W	

R3265A/3271A
RF I/O
BLS-017508 × 03 (6 of 10)

Parts No.	Advantest Stock No.	Description					Note
R88	RMF-TC820KFJ	FIX	METAL	820k Ω	$\pm 1\%$	1/4W	
R89	RMF-TC5R6KFJ	FIX	METAL	5.6k Ω	$\pm 1\%$	1/4W	
R90	RMF-TC1R5KFJ	FIX	METAL	1.5k Ω	$\pm 1\%$	1/4W	
R91	RMF-TC5R6KFJ	FIX	METAL	5.6k Ω	$\pm 1\%$	1/4W	
R97 -98	RMF-TC1MFJ	FIX	METAL	1M Ω	$\pm 1\%$	1/4W	
R99	RMF-TC180KFJ	FIX	METAL	180k Ω	$\pm 1\%$	1/4W	
R100	RMF-TC20KFJ	FIX	METAL	20k Ω	$\pm 1\%$	1/4W	
R101	RMF-TC10KFJ	FIX	METAL	10k Ω	$\pm 1\%$	1/4W	
R102	RMF-TC56KFJ	FIX	METAL	56k Ω	$\pm 1\%$	1/4W	
R103	RMF-TC82KFJ	FIX	METAL	82k Ω	$\pm 1\%$	1/4W	
R104	RVR-DF100K	VAR	CERMET	100k Ω	$\pm 20\%$	1/2W	
R105	RMF-TC12KFJ	FIX	METAL	12k Ω	$\pm 1\%$	1/4W	
R106	RCB-AG100	FXD	CAR	100 Ω	$\pm 5\%$	1/8W	
R107	RCB-AG10K	FXD	CAR	10k Ω	$\pm 5\%$	1/8W	
R108	RCB-AG560	FXD	CAR	560 Ω	$\pm 5\%$	1/8W	
R109	RMF-TC30KFJ	FIX	METAL	30k Ω	$\pm 1\%$	1/4W	
R110	RCB-AG10K	FXD	CAR	10k Ω	$\pm 5\%$	1/8W	
R111	RCB-AG1K	FXD	CAR	1k Ω	$\pm 5\%$	1/8W	
R112	RCB-AG560	FXD	CAR	560 Ω	$\pm 5\%$	1/8W	
R113	RCB-AG12K	FXD	CAR	12k Ω	$\pm 5\%$	1/8W	
R114	RCB-AG2R2K	FXD	CAR	2.2k Ω	$\pm 5\%$	1/8W	
R115	RCB-AG33K	FXD	CAR	33k Ω	$\pm 5\%$	1/8W	
R116	RCB-AG10K	FXD	CAR	10k Ω	$\pm 5\%$	1/8W	
R117	RCB-AG330K	FXD	CAR	330k Ω	$\pm 5\%$	1/8W	
R118	RCB-AG1R8K	FXD	CAR	1.8k Ω	$\pm 5\%$	1/8W	
R119	RCB-AG680	FXD	CAR	680 Ω	$\pm 5\%$	1/8W	
R120	RCB-AG680	FXD	CAR	680 Ω	$\pm 5\%$	1/8W	
R121	RCB-AG1K	FXD	CAR	1k Ω	$\pm 5\%$	1/8W	
R123	RCB-AG100	FXD	CAR	100 Ω	$\pm 5\%$	1/8W	
R124	RCB-AG3R9K	FXD	CAR	3.9k Ω	$\pm 5\%$	1/8W	
R125	RCB-AG8R2K	FXD	CAR	8.2k Ω	$\pm 5\%$	1/8W	
R126	RCB-AG10K	FXD	CAR	10k Ω	$\pm 5\%$	1/8W	
R127	RCB-AG10K	FXD	CAR	10k Ω	$\pm 5\%$	1/8W	
R128	RCB-AG10K	FXD	CAR	10k Ω	$\pm 5\%$	1/8W	
R131	RCB-AG15	FXD	CAR	15 Ω	$\pm 5\%$	1/8W	
R134	RCB-AG10K	FXD	CAR	10k Ω	$\pm 5\%$	1/8W	
R136	RCB-AG15	FXD	CAR	15 Ω	$\pm 5\%$	1/8W	
R137	RCB-AG15K	FXD	CAR	15k Ω	$\pm 5\%$	1/8W	
R138	RCB-AG6R8K	FXD	CAR	6.8k Ω	$\pm 5\%$	1/8W	
R139	RCB-AG39K	FXD	CAR	39k Ω	$\pm 5\%$	1/8W	

R3265A/3271A
RF I/O
BLS-017508×03 (7 of 10)

Parts No.	Advantest Stock No.	Description					Note
R141	RCB-AG4R7K	FXD	CAR	4.7k Ω	$\pm 5\%$	1/8W	
R142	RCB-AH560	FXD	CAR	560 Ω	$\pm 5\%$	1/4W	
R143 -144	RCB-AG33K	FXD	CAR	33k Ω	$\pm 5\%$	1/8W	
R145 -146	RCB-AG47K	FXD	CAR	47k Ω	$\pm 5\%$	1/8W	
R147	RCB-AG12K	FXD	CAR	12k Ω	$\pm 5\%$	1/8W	
R148	RCB-AG1R8K	FXD	CAR	1.8k Ω	$\pm 5\%$	1/8W	
R149	RMF-TC18KFJ	FIX	METAL	18k Ω	$\pm 1\%$	1/4W	
R151	RMF-TC18KFJ	FIX	METAL	18k Ω	$\pm 1\%$	1/4W	
R153	RMF-TC180KFJ	FIX	METAL	180k Ω	$\pm 1\%$	1/4W	
R154	RMF-TC10KFJ	FIX	METAL	10k Ω	$\pm 1\%$	1/4W	
R155	RAY-AJ10K4	ARRAY	QUAD	10k Ω	$\pm 0.1\%$	1/10W	
R156	RMF-TC18KFJ	FIX	METAL	18k Ω	$\pm 0.1\%$	1/4W	
R157	RMF-TC75KFJ	FIX	METAL	75k Ω	$\pm 1\%$	1/4W	
R158	RMF-TC10KFJ	FIX	METAL	10k Ω	$\pm 1\%$	1/4W	
R159	RMF-TC33KFJ	FIX	METAL	33k Ω	$\pm 1\%$	1/4W	
R160	RMF-AC9KFG	FIX	METAL	9k Ω	$\pm 1\%$	1/4W	
R161	RMF-TC200KFJ	FIX	METAL	200k Ω	$\pm 1\%$	1/4W	
R162	RMF-TC12KFJ	FIX	METAL	12k Ω	$\pm 1\%$	1/4W	
R163	RMF-TC10KFJ	FIX	METAL	10k Ω	$\pm 1\%$	1/4W	
R165	RMF-TC10KFJ	FIX	METAL	10k Ω	$\pm 1\%$	1/4W	
R166	RCB-AG82	FXD	CAR	82 Ω	$\pm 5\%$	1/8W	
R167 -169	RVR-DF100K	VAR	CERMET	100k Ω	$\pm 20\%$	1/2W	
R170	RCB-AG10K	FXD	CAR	10k Ω	$\pm 5\%$	1/8W	
R171	RCB-AG4R7K	FXD	CAR	4.7k Ω	$\pm 5\%$	1/8W	
R172	RCB-AG10K	FXD	CAR	10k Ω	$\pm 5\%$	1/8W	
R173	RCB-AG5R6K	FXD	CAR	5.6k Ω	$\pm 5\%$	1/8W	
R174	RCB-AG8R2K	FXD	CAR	8.2k Ω	$\pm 5\%$	1/8W	
R175	RCB-AG5R6K	FXD	CAR	5.6k Ω	$\pm 5\%$	1/8W	
R176	RAY-AJ10K4	ARRAY	QUAD	10k Ω	$\pm 0.1\%$	1/10W	
R177	RMF-TC10KFJ	FIX	METAL	10k Ω	$\pm 1\%$	1/4W	
R178 -179	RMF-TC12KFJ	FIX	METAL	12k Ω	$\pm 1\%$	1/4W	
R180	RMF-TC10KFJ	FIX	METAL	10k Ω	$\pm 1\%$	1/4W	
R181	RCB-AG1R8K	FXD	CAR	1.8k Ω	$\pm 5\%$	1/8W	
R182	RCB-AG1R2K	FXD	CAR	1.2k Ω	$\pm 5\%$	1/8W	
R183 -184	RMF-TC20KFJ	FIX	METAL	20k Ω	$\pm 1\%$	1/4W	
R185 -186	RMF-TC10KFJ	FIX	METAL	10k Ω	$\pm 1\%$	1/4W	
R187	RCB-AG1K	FXD	CAR	1k Ω	$\pm 5\%$	1/8W	
R188	RCB-AH150	FXD	CAR	150 Ω	$\pm 5\%$	1/8W	
R189	RCB-AG33K	FXD	CAR	33k Ω	$\pm 5\%$	1/8W	
R190	RCB-AG10K	FXD	CAR	10k Ω	$\pm 5\%$	1/8W	

R3265A/3271A
RF I/O
BLS-017508×03 (8 of 10)

Parts No.	Advantest Stock No.	Description					Note
R191	RCB-AG33K	FXD	CAR	33k Ω	$\pm 5\%$	1/8W	
R192	RCB-AK820	FIX	CAR	820 Ω	$\pm 5\%$	1/2W	
R193	RCB-AG1K	FXD	CAR	1k Ω	$\pm 5\%$	1/8W	
R195	RCB-AG22K	FXD	CAR	22k Ω	$\pm 5\%$	1/8W	
R196	RCB-AG4R7K	FXD	CAR	4.7k Ω	$\pm 5\%$	1/8W	
R198	RCB-AG22K	FXD	CAR	22k Ω	$\pm 5\%$	1/8W	
R200	RMF-TC15KFJ	FIX	METAL	15k Ω	$\pm 1\%$	1/4W	
R201	RMF-TC27KFJ	FIX	METAL	27k Ω	$\pm 1\%$	1/4W	
R202	RMF-AB560QFJ	FIX	METAL	560 Ω	$\pm 1\%$	1/4W	
R203	RCB-AG10K	FXD	CAR	10k Ω	$\pm 5\%$	1/8W	
R204 -205	RCB-AG33K	FXD	CAR	33k Ω	$\pm 5\%$	1/8W	
R206	RCB-AH680	FXD	CAR	680 Ω	$\pm 5\%$	1/4W	
R207	RCB-AG2R2K	FXD	CAR	2.2k Ω	$\pm 5\%$	1/8W	
R208	RCB-AG10K	FXD	CAR	10k Ω	$\pm 5\%$	1/8W	
R209 -210	RMF-TC10KFJ	FIX	METAL	10K Ω	$\pm 1\%$	1/4W	
R211	RMF-TC2R7KFJ	FIX	METAL	2.7 Ω	$\pm 1\%$	1/4W	
R212	RMF-TC6R8KFJ	FIX	METAL	6.8K Ω	$\pm 1\%$	1/4W	
R213	RMF-TC20KFJ	FIX	METAL	20k Ω	$\pm 1\%$	1/4W	
R214	RCB-AG33K	FXD	CAR	33k Ω	$\pm 5\%$	1/8W	
R215	RCB-AG22K	FXD	CAR	22k Ω	$\pm 5\%$	1/8W	
R216	RMF-TC390KFJ	FIX	METAL	390k Ω	$\pm 1\%$	1/4W	
R217 -218	RMF-TC20KFJ	FIX	METAL	20k Ω	$\pm 1\%$	1/4W	
R219	RCB-AG100K	FXD	CAR	100k Ω	$\pm 5\%$	1/8W	
R220	RCB-AG33K	FIX	CAR	33k Ω	$\pm 5\%$	1/8W	
R221	RCB-AG10K	FXD	CAR	10k Ω	$\pm 5\%$	1/8W	
R222 -223	RCB-AG33K	FXD	CAR	33k Ω	$\pm 5\%$	1/8W	
R224	RCB-AK820	FIX	CAR	820 Ω	$\pm 5\%$	1/2W	
R225	RCB-AG10K	FXD	CAR	10k Ω	$\pm 5\%$	1/8W	
R226	RCB-AG33K	FXD	CAR	33k Ω	$\pm 5\%$	1/8W	
R227	RCB-AG22K	FXD	CAR	22k Ω	$\pm 5\%$	1/8W	
R228	RMF-TC1R8KFJ	FIX	METAL	1.8k Ω	$\pm 1\%$	1/4W	
R230	RCB-AG10K	FXD	CAR	10k Ω	$\pm 5\%$	1/8W	
R231	RCB-AG22K	FXD	CAR	22k Ω	$\pm 5\%$	1/8W	
R232	RCB-AG390K	FXD	CAR	390k Ω	$\pm 5\%$	1/8W	
R233	RCB-AG12K	FXD	CAR	12k Ω	$\pm 5\%$	1/8W	
R234 -235	RMF-TC1R5KFJ	FIX	METAL	1.5k Ω	$\pm 1\%$	1/4W	
R300	RMF-AB220KFJ	FIX	METAL	220k Ω	$\pm 1\%$	1/4W	
TP1 -5	MBM-10372A						
U1 -2	SIA-412-1	OP AMP DUAL LOW DRIFT LOW OFFSET					
U3 -4	SIA-DA7542-4	12-BIT D/A CONVERTER WITH BUFFER					

R3265A/3271A
RF I/O
BLS-017508×03 (9 of 10)

Parts No.	Advantest Stock No.	Description	Note
U5 -6	SIA-412-1	OP AMP DUAL LOW DRIFT LOW OFFSET	
U7	SIA-DA7528-4	DUAL 8-BIT D/A CONVERTER WITH BUFFER	
U8	SIA-DG201-3	CMOS QUAD SPST SWITCH	
U9	SIA-412-1	OP AMP DUAL LOW DRIFT LOW OFFSET	
U10	SIA-DG201-3	CMOS QUAD SPST SWITCH	
U11	SIA-TL072	OP AMP DUAL LOW NOISE	
U12	SIA-DA7542-4	12-BIT D/A CONVERTER WITH BUFFER	
U13	SIA-TL072CPS-1	OP AMP DUAL LOW NOISE	
U14	SIA-OP07P-2	OP AMP LOW NOISE LOW OFFSET	
U15	SIA-TL072CPS-1	OP AMP DUAL LOW NOISE	
U16 -18	SIA-DG201-3	CMOS QUAD SPST SWITCH	
U19	SIA-DA7542-4	12-BIT D/A CONVERTER WITH BUFFER	
U20	SIA-OP07P-2	OP AMP LOW NOISE LOW OFFSET	
U21	SIA-DA7528-4	DUAL 8-BIT D/A CONVERTER WITH BUFFER	
U22	SIA-TL072CPS-1	OP AMP DUAL LOW NOISE	
U23	SIA-412-1	OP AMP DUAL LOW DRIFT LOW OFFSET	
U24	SIA-OP07P-2	OP AMP LOW NOISE LOW OFFSET	
U25	SIA-TL072CPS-1	OP AMP DUAL LOW NOISE	
U26	SIA-OP07P-2	OP AMP LOW NOISE LOW OFFSET	
U27	SIA-TL072CPS-1	OP AMP DUAL LOW NOISE	
U28	SIA-OP27GD-2	OP AMP LOW NOISE LOW OFFSET	
U29	SIA-5534A-1	OP AMP LOW NOISE HIGH SPEED	
U30	SIA-OP27GD-2	OP AMP LOW NOISE LOW OFFSET	
U31	SIA-324	OP AMP QUAD	
U32	SIA-DA7226HP	QUAD 8-BIT D/A CONVERTER VOLTAGE OUT	
U33 -36	SIA-TL072CPS-1	OP AMP DUAL LOW NOISE	
U37	SIA-DA7528-4	DUAL 8-BIT D/A CONVERTER WITH BUFFER	
U38 -39	SIA-DG201-3	CMOS QUAD SPST SWITCH	
U40 -41	SIA-TL072CPS-1	OP AMP DUAL LOW NOISE	
U42	SIA-DA7528-4	DUAL 8-BIT D/A CONVERTER WITH BUFFER	
U43 -45	SIA-TL072CPS-1	OP AMP DUAL LOW NOISE	
U46	SIA-DG201-3	CMOS QUAD SPST SWITCH	
U47	SIA-412-1	OP AMP DUAL LOW DRIFT LOW OFFSET	
U48	SIA-393	COMPARATOR DUAL LOW POWER LOW OFFSET	
U49	SIA-TL072CPS-1	OP AMP DUAL LOW NOISE	
U50 -51	SIM-74HC541S	OCTAL BUFFER, WITH 3-STATE OUTPUTS	
U52 -54	SIM-74HC138S	3-TO-8 LINE DECODERS	
U55	SIM-CXD1095	I/O EXPANDER	
U56	SIM-74HC04S	HEX INVERTERS	
U57	SIT-DN8650	LOW-ACTIVE DRIVERS	

R3265A/3271A
RF I/O
BLS-017508 × 03 (10 of 10)

Parts No.	Advantest Stock No.	Description	Note
U58 -60	SIM-74HC139S	DUAL 2-TO 4 LINE DECODERS	
U61 -63	SIM-74HC74S	DUAL D-TYPE POSITIVE-EDGE-TRIGGERED FLIP-FLOPS	
U64	SIM-74HC00S	DUAL 2 INPUT POSITIVE NAND GATES	
U65	SIM-74HC04S	HEX INVERTERS	
U66	SIT-75451	DUAL PERIPHERAL POSITIVE "AND" DRIVERS	
U67	SIT-DN8650	LOW-ACTIVE DRIVERS	
U68	SIA-TL072CPS-1	OP AMP DUAL LOW NOISE	
U69	SEE-PFA122A-1	PHOTO MOSFET RELAY 100V	
U71	SIA-DA7528-4	DUAL 8-BIT D/A CONVERTER WITH BUFFER	
U72 -73	SIA-TL072CPS-1	OP AMP DUAL LOW NOISE	

R3265A/3271A
RF I/O
WBL-3265 I/O

Parts No.	Advantest Stock No.	Description	Note
Q1 -2	BLL-017508×02	RF I/O BOARD	
Q3	SFM-2SK972	MOS FET N-CHAN E-MODE	
Q4	STN-2SC3852-1	TRANSISTOR NPN	
R1 -4	SFN-2SK811	MOS FET N-CHAN E-MODE	
	RPW-BB40	FIX METAL 40Ω ±1.5W TC = ±5	

R3265A/3271A
RF I/O
BLS-017508 × 02 (1 of 9)

Parts No.	Advantest Stock No.	Description					Note
C1 -3	CSM-AGR1U50V	FXD	CER	0.1 μ F	+ 80%-20%	50V	
C4	CSM-TAR022U50V	FXD	CER	0.022 μ F	\pm 20%	50V	
C5 -6	CSM-AZ1000P50V	FXD	CER	1000pF	\pm 20%	50V	
C7	CSM-TAR022U50V	FXD	CER	0.022 μ F	\pm 20%	50V	
C8 -9	CSM-AGR1U50V	FXD	CER	0.1 μ F	+ 80%-20%	50V	
C10	CSM-AZ1000P50V	FXD	CER	1000pF	\pm 20%	50V	
C11	CSM-AGR1U50V	FXD	CER	0.1 μ F	+ 80%-20%	50V	
C12	CSM-BA2200P50V	FXD	CER	2200pF	\pm 10%	50V	
C13	CTA-AC2R2U35V	FXD	TA	2.2 μ F	\pm 20%	35V	
C14 -16	CSM-AGR1U50V	FXD	CER	0.1 μ F	+ 80%-20%	50V	
C17 -18	CTA-AC2R2U35V	FXD	TA	2.2 μ F	\pm 20%	35V	
C19	CCK-BX100U16V	FXD	ELECT	100 μ F	\pm 20%	16V	
C20	CSM-AGR47U50V	FXD	CER	0.47 μ F	+ 80%-20%	50V	
C21	CTA-AC3R3U16V	FXD	TA	3.3 μ F	\pm 20%	16V	
C22	CTA-AC2R2U35V	FXD	TA	2.2 μ F	\pm 20%	35V	
C23 -25	CSM-AGR1U50V	FXD	CER	0.1 μ F	+ 80%-20%	50V	
C26	CFM-ASR033U50V	FXD	FILM	0.033 μ F	\pm 10%	50V	
C27	CSM-AGR1U50V	FXD	CER	0.1 μ F	+ 80%-20%	50V	
C28	CCK-BX100U35V	FXD	ELECT	100 μ F	\pm 20%	16V	
C29 -30	CSM-AGR1U50V	FXD	CER	0.1 μ F	+ 80%-20%	50V	
C31	CCK-BX470U10V	FXD	ELECT	470 μ F	\pm 20%	10V	
C32 -33	CTA-AC2R2U35V	FXD	TA	2.2 μ F	\pm 20%	35V	
C34	CFM-AHR1U100V	FXD	FILM	0.1 μ F	\pm 10%	100V	
C35 -36	CTA-AC2R2U35V	FXD	TA	2.2 μ F	\pm 20%	35V	
C37	CCK-BX33U16V	FXD	ELECT	33 μ F	\pm 20%	16V	
C38	CSM-TAR022U50V	FXD	CER	0.022 μ F	\pm 20%	50V	
C39 -40	CSM-AGR1U50V	FXD	CER	0.1 μ F	+ 80%-20%	50V	
C41	CFM-ASR022U50V	FXD	FILM	0.022 μ F	\pm 10%	50V	
C45 -47	CSM-AGR1U50V	FXD	CER	0.1 μ F	+ 80%-20%	50V	
C48	CTA-AC2R2U35V	FXD	TA	2.2 μ F	\pm 20%	35V	
C50 -51	CSM-AZ1000P50V	FXD	CER	1000pF	\pm 20%	50V	
C52	CTA-AC2R2U35V	FXD	TA	2.2 μ F	\pm 20%	35V	
C53 -54	CSM-AGR1U50V	FXD	CER	0.1 μ F	+ 80%-20%	50V	
C55	CTA-AC2R2U35V	FXD	TA	2.2 μ F	\pm 20%	35V	
C57	CSM-AGR1U50V	FXD	CER	0.1 μ F	+ 80%-20%	50V	
C58 -60	CTA-AC2R2U35V	FXD	TA	2.2 μ F	\pm 20%	35V	
C62	CCK-BX10U25V	FXD	ELECT	10 μ F	\pm 20%	50V	
C63	CSM-TAR022U50V	FXD	CER	0.022 μ F	\pm 20%	50V	
C64	CCK-BX10U25V	FXD	ELECT	10 μ F	\pm 20%	50V	
C65	CCK-CX22U50V	FXD	ELECT	22 μ F	\pm 20%	50V	

R3265A/3271A
RF I/O
BLS-017508 x02 (2 of 9)

Parts No.	Advantest Stock No.	Description	Note
C66	CCK-BX100U25V	FXD ELECT 100 μ F \pm 20% 25V	
C67	CCK-CV330U25V-1	FXD ELECT 330 μ F \pm 20% 25V	
C68	CCK-BX100U16V	FXD ELECT 100 μ F \pm 20% 16V	
C69 -73	CSM-AGR1U50V	FXD CER 0.1 μ F + 80%-20% 50V	
C74	CSM-AZ1000P50V	FXD CER 1000pF \pm 20% 50V	
C75 -76	CSM-AGR1U50V	FXD CER 0.1 μ F + 80%-20% 50V	
C77 -78	CTA-AC2R2U35V	FXD TA 2.2 μ F \pm 20% 35V	
C80 -85	CSM-AGR1U50V	FXD CER 0.1 μ F + 80%-20% 50V	
C86	CCK-BX100U50V	FXD ELECT 100 μ F \pm 20% 50V	
C88 -89	CSM-TFR1U50V		
C90 -93	CSM-AZ1000P50V	FXD CER 1000pF \pm 20% 50V	
C94 -95	CSM-AGR1U50V	FXD CER 0.1 μ F + 80%-20% 50V	
C96	CSM-AGR1U50V	FXD CER 0.1 μ F + 80%-20% 50V	
C97	CCK-CV100U35V	FXD ELECT 100 μ F \pm 20% 35V	
C98	CSM-AGR1U50V	FXD CER 0.1 μ F + 80%-20% 50V	
C99	CFM-ASR022U50V	FXD FILM 0.022 μ F \pm 10% 50V	
C101	CSM-AZ22P50V	FXD CER 33P \pm 20% 50V	
D1	SDZ-W130	ZENER DIODE 13V	
D2	SDZ-2-2	ZENER DIODE 6.2V TC = \pm 5ppm	
D3	SDZ-H3-8	ZENER DIODE 3.6V	
D4	SDZ-H3-8	ZENER DIODE 3.6V	
D5	SDZ-W130	ZENER DIODE 13V	
D6	SDS-LD1	DIODE SI IR = 100pA	
D7 -8	SDZ-D030	ZENER DIODE 3V	
D9 -10	SDS-1SS270	DIODE SI	
D12 -13	SDS-1SS270	DIODE SI	
D14	SDZ-W050	ZENER DIODE 5V	
D15 -16	SDS-1S953	DIODE SI	
D17	SDS-LD1	DIODE SI	
D18	SDZ-D240	ZENER DIODE 24V 1W	
D19 -20	SDS-LD1	DIODE SI	
D31	SDZ-D240	ZENER DIODE 24V 1W	
D40	SDP-SM1-7	DIODE SI 0.8A	
J1	JCR-BY064P x01	CONNECTOR	
J2	JCR-BY050P x01	CONNECTOR	
J3	JCI-AD014JX01	CONNECTOR	
J5	JCS-DN004P x01-1	CONNECTOR	
J6	JCR-AC016P x05-1	CONNECTOR	
J7	JCS-DN002P x01-1	CONNECTOR	
J8	JCF-BF001JX01-1	CONNECTOR RF	

R3265A/3271A
RF I/O
BLS-017508×02 (3 of 9)

Parts No.	Advantest Stock No.	Description	Note
J9	JCS-DN006PX01-1	CONNECTOR	
J10 -11	JCI-AD014JX01	CONNECTOR	
J12	JCS-DN003P×01-1	CONNECTOR	
J13	JCS-DN004P×01-1	CONNECTOR	
J14	JCS-DN016P×01-1	CONNECTOR	
J15	JCS-DN002P×01-1	CONNECTOR	
J16	JCR-AC010P×05-1	CONNECTOR	
J17	JCS-DN003P×01-1	CONNECTOR	
J20 -21	DMY-000903-1		
J22	JCS-DN002P×01-1	CONNECTOR	
JP1	DMY-000934-1		
K1	KRL-000434-1	RELAY	
LI -6	LCL-T00084A	COIL 120 μ H 1A	
L7	LCL-T00084A	COIL 120 μ H 1A	
L8	LCL-C00010	COIL 180 μ H 160mA	
L9 -10	LCL-T00084A	COIL 120 μ H 1A	
L11	LCL-T00084A	COIL 120 μ H 1A	
Q1	STN-2SC1815-55	TRANSISTOR NPN	
Q2	STP-2SA642B-3	TRANSISTOR PNP PD = 600mW	
Q3	STN-2SC815-2	TRANSISTOR NPN PD = 600mW	
Q4 -5	STP-2SA642B-3	TRANSISTOR PNP PD = 600mW	
Q6	STT-394-1	TRANSISTOR NPN MUCMED PAIR	
Q7	STN-2SC1815-55	TRANSISTOR NPN	
Q8	STN-2SC2983-1	TRANSISTOR NPN PD = 1W	
Q9	STP-2SA1225-1	TRANSISTOR PNP PD = 1W	
Q14	STN-2SC2983-1	TRANSISTOR NPN PD = 1W	
Q15	STP-2SA1225-1	TRANSISTOR PNP PD = 1W	
Q16	STN-2SC815-2	TRANSISTOR NPN PD = 600mW	
Q17 -19	STN-2SC1815-55	TRANSISTOR NPN	
Q21	STN-2SC2983-1	TRANSISTOR NPN PD = 1W	
Q22	STP-2SA1225-1	TRANSISTOR PNP PD = 1W	
Q24	STP-2SA642B-3	TRANSISTOR PNP PD = 600mW	
Q26	STP-UN4114-1	TRANSISTOR PNP WITH INTERNAL RESISTOR	
Q27	STN-2SC2983-1	TRANSISTOR NPN PD = 1W	
Q28	STP-2SA1225-1	TRANSISTOR PNP PD = 1W	
Q29	SFM-2SJ132	FET MOS P-CH E-MODE	
Q30	SFN-2SK30-1	FET N-JUNCTION	
Q32	SFM-2SJ132	FET MOS P-CH E -MODE	
Q33	STP-UN4114-1	TRANSISTAN PNP WITH INTERNAL RESISTOR	
Q34	STN-2SC2983-1	TRANSISTOR NPN PD = 1W	

R3265A/3271A
RF I/O
BLS-017508×02 (4 of 9)

Parts No.	Advantest Stock No.	Description	Note
Q35	STP-2SA1225-1	TRANSISTOR PNP PD = 1W	
R1	RMF-TC10KFJ	FXD METAL 10k Ω \pm 1% 1/4W	
R2	RAY-AF10K8	ASSEMBLY OCTAL 10k Ω \pm 0.1% 1/10W	
R3 -5	RMF-TC10KFJ	FXD METAL 10k Ω \pm 1% 1/4W	
R6	RCB-AG1K	FXD CAR 1k Ω \pm 5% 1/8W	
R7	RMF-TC1R5KFJ	FXD METAL 1.5k Ω \pm 1% 1/4W	
R8	RMF-TC1R5KFJ	FXD METAL 1.5k Ω \pm 1% 1/4W	
R9	RMF-TC1R2KFJ	FXD METAL 1.2k Ω \pm 1% 1/4W	
R10 -11	RCB-AG10K	FXD CAR 10k Ω \pm 5% 1/8W	
R12	RCB-AG2R2K	FXD CAR 2.2k Ω \pm 5% 1/8W	
R13	RMF-TC4R7KFJ	FXD METAL 4.7k Ω \pm 1% 1/4W	
R14	RVR-DF1K	VAR CERMET 1k Ω \pm 20% 1/2W	
R15	RMF-TC3R9KFJ	FXD METAL 3.9k Ω \pm 1% 1/4W	
R16 -17	RCB-AG1R5K	FXD CAR 1.5k Ω \pm 5% 1/8W	
R18	RCB-AG2R2K	FXD CAR 2.2k Ω \pm 5% 1/8W	
R19	RCB-AG10K	FXD CAR 10k Ω \pm 5% 1/8W	
R20	RMF-AB9R1KFG	FXD METAL 9.1k Ω \pm 1% 1/4W	
R21	RVR-BE2K	VAR WIRE 2k Ω \pm 10% 1/2W	
R22	RMF-AB5KFG	FXD METAL 5k Ω \pm 1% 1/4W	
R23	RMF-TC12KFJ	FXD METAL 12k Ω \pm 1% 1/4W	
R24	RMF-TC10KFJ	FXD METAL 10k Ω \pm 1% 1/4W	
R25	RCB-AG10K	FXD CAR 10k Ω \pm 5% 1/8W	
R26	RCB-AG2R2K	FXD CAR 2.2k Ω \pm 5% 1/8W	
R27 -28	RMF-TC10KFJ	FXD METAL 10k Ω \pm 1% 1/4W	
R29	RCB-AG10K	FXD CAR 10k Ω \pm 5% 1/8W	
R30	RCB-AG2R2K	FXD CAR 2.2k Ω \pm 5% 1/8W	
R31	RCB-AG220	FXD CAR 220 Ω \pm 5% 1/8W	
R32	RCB-AG10K	FXD CAR 10k Ω \pm 5% 1/8W	
R33	RMF-ATC1KFJ	FXD METAL 1k Ω \pm 1% 1/4W	
R34	RMF-ATC9R1KFJ	FXD METAL 9.1k Ω \pm 1% 1/4W	
R35 -36	RMF-TC1MFJ	FXD METAL 1M Ω \pm 1% 1/4W	
R37	RMF-TC100KFJ	FXD METAL 100k Ω \pm 1% 1/4W	
R38	RMF-TC2KFJ	FXD METAL 2k Ω \pm 1% 1/4W	
R39	RMF-TC18KFJ	FXD METAL 18k Ω \pm 1% 1/4W	
R40	RCB-AG330	FXD CAR 330 Ω \pm 5% 1/8W	
R41	REE-AR510	FXD METAL 510 Ω 1/4W TC = 3300ppm/ $^{\circ}$ C	
R42	RMF-TC20KFJ	FXD METAL 20k Ω \pm 1% 1/4W	
R43	RMF-TC47KFJ	FXD METAL 47k Ω \pm 1% 1/4W	
R44	RCB-AG150K	FXD CAR 150k Ω \pm 5% 1/8W	
R45	RCB-AG330	FXD CAR 330 Ω \pm 5% 1/8W	

R3265A/3271A
RF I/O
BLS-017508 × 02 (5 of 9)

Parts No.	Advantest Stock No.	Description					Note
R46	RMF-TC2R4KFJ	FXD	METAL	2.4k Ω	$\pm 1\%$	1/4W	
R47	RMF-TC47QFJ	FXD	METAL	47 Ω	$\pm 1\%$	1/4W	
R48	RMF-TC10KFJ	FXD	METAL	10k Ω	$\pm 1\%$	1/4W	
R49	RMF-TC150QFJ	FXD	METAL	150 Ω	$\pm 1\%$	1/4W	
R50	RMF-TC20KFJ	FXD	METAL	20k Ω	$\pm 1\%$	1/4W	
R51	RMF-TC10KFJ	FXD	METAL	10k Ω	$\pm 1\%$	1/4W	
R52	RMF-TC1KFJ	FXD	METAL	1k Ω	$\pm 1\%$	1/4W	
R53	RMF-TC110QFJ	FXD	METAL	110 Ω	$\pm 1\%$	1/4W	
R56	RMF-AB150KFJ	FXD	METAL	150k Ω	$\pm 1\%$	1/4W	
R57	RMF-AB11KFG	FXD	METAL	11k Ω	$\pm 1\%$	1/4W	
R58	RMF-AB10KFG-2	FXD	METAL	10k Ω	$\pm 1\%$	1/4W	
R59	RMF-TC820KFJ	FXD	METAL	820k Ω	$\pm 1\%$	1/4W	
R60	RCB-AG3R3K	FXD	CAR	3.3k Ω	$\pm 5\%$	1/8W	
R61	RCB-AG8R2K	FXD	CAR	8.2k Ω	$\pm 5\%$	1/8W	
R62	RMF-TC22KFJ	FXD	METAL	22k Ω	$\pm 1\%$	1/4W	
R63	RMF-TC2KFJ	FXD	METAL	2k Ω	$\pm 1\%$	1/4W	
R64	RMF-TC330KFJ	FXD	METAL	330k Ω	$\pm 1\%$	1/4W	
R65	RMF-TC1R2KFJ	FXD	METAL	1.2k Ω	$\pm 1\%$	1/4W	
R66	RCB-AG100	FXD	CAR	100 Ω	$\pm 5\%$	1/8W	
R67 -68	RCB-AG22K	FXD	CAR	22k Ω	$\pm 5\%$	1/8W	
R69	RCB-AG680	FXD	CAR	680 Ω	$\pm 5\%$	1/8W	
R70 -71	RCB-AH150	FXD	CAR	150 Ω	$\pm 5\%$	1/4W	
R72	RCB-AG10K	FXD	CAR	10k Ω	$\pm 5\%$	1/8W	
R73	RCB-AG100K	FXD	CAR	100k Ω	$\pm 5\%$	1/8W	
R74	RCB-AG120	FXD	CAR	120 Ω	$\pm 5\%$	1/8W	
R75	RCB-AG15	FXD	CAR	15 Ω	$\pm 5\%$	1/8W	
R76	RMF-AB6R8KFG	FXD	METAL	6.8k Ω	$\pm 1\%$	1/4W	
R77	RMF-AB15KFG	FXD	METAL	15k Ω	$\pm 1\%$	1/4W	
R78	RCB-AG3R3K	FXD	CAR	3.3k Ω	$\pm 5\%$	1/8W	
R79	RCB-AG8R2K	FXD	CAR	8.2k Ω	$\pm 5\%$	1/8W	
R80	RMF-TC4R7KFJ	FXD	METAL	4.7k Ω	$\pm 1\%$	1/4W	
R81	RMF-TC91KFJ	FXD	METAL	91k Ω	$\pm 1\%$	1/4W	
R82	RMF-TC22KFJ	FXD	METAL	22k Ω	$\pm 1\%$	1/4W	
R83	RMF-TC9R1KFJ	FXD	METAL	9.1k Ω	$\pm 1\%$	1/4W	
R84	RMF-TC10KFJ	FXD	METAL	10k Ω	$\pm 1\%$	1/4W	
R85	RCB-AG220	FXD	CAR	220 Ω	$\pm 5\%$	1/8W	
R86	RMF-TC9R1KFJ	FXD	METAL	9.1k Ω	$\pm 1\%$	1/4W	
R87	RMF-TC10KFJ	FXD	METAL	10k Ω	$\pm 1\%$	1/4W	
R88	RMF-TC820KFJ	FXD	METAL	820k Ω	$\pm 1\%$	1/4W	
R89	RMF-TC5R6KFJ	FXD	METAL	5.6k Ω	$\pm 1\%$	1/4W	

R3265A/3271A
RF I/O
BLS-017508×02 (6 of 9)

Parts No.	Advantest Stock No.	Description					Note
R90	RMF-TC1R5KFJ	FXD	METAL	1.5k Ω	$\pm 1\%$	1/4W	
R91	RMF-TC5R6KFJ	FXD	METAL	5.6k Ω	$\pm 1\%$	1/4W	
R97 -98	RMF-TC1MFJ	FXD	METAL	1M Ω	$\pm 1\%$	1/4W	
R99	RMF-TC180KFJ	FXD	METAL	180k Ω	$\pm 1\%$	1/4W	
R100	RMF-TC20KFJ	FXD	METAL	20k Ω	$\pm 1\%$	1/4W	
R101	RMF-TC10KFJ	FXD	METAL	10k Ω	$\pm 1\%$	1/4W	
R102	RMF-TC56KFJ	FXD	METAL	56k Ω	$\pm 1\%$	1/4W	
R103	RMF-TC82KFJ	FXD	METAL	82k Ω	$\pm 1\%$	1/4W	
R104	RVR-DF100K	VAR	CERMET	100k Ω	$\pm 20\%$	1/2W	
R105	RMF-TC12KFJ	FXD	METAL	12k Ω	$\pm 1\%$	1/4W	
R106	RCB-AG100	FXD	CAR	100 Ω	$\pm 5\%$	1/8W	
R107	RCB-AG10K	FXD	CAR	10k Ω	$\pm 5\%$	1/8W	
R108	RCB-AG560	FXD	CAR	560 Ω	$\pm 5\%$	1/8W	
R109	RMF-TC30KFJ	FXD	METAL	30k Ω	$\pm 1\%$	1/4W	
R110	RCB-AG10K	FXD	CAR	10k Ω	$\pm 5\%$	1/8W	
R111	RCB-AG1K	FXD	CAR	1k Ω	$\pm 5\%$	1/8W	
R112	RCB-AG560	FXD	CAR	560 Ω	$\pm 5\%$	1/8W	
R113	RCB-AG12K	FXD	CAR	12k Ω	$\pm 5\%$	1/8W	
R114	RCB-AG2R2K	FXD	CAR	2.2k Ω	$\pm 5\%$	1/8W	
R115	RCB-AG33K	FXD	CAR	33k Ω	$\pm 5\%$	1/8W	
R116	RCB-AG10K	FXD	CAR	10k Ω	$\pm 5\%$	1/8W	
R117	RCB-AG330K	FXD	CAR	330k Ω	$\pm 5\%$	1/8W	
R118	RCB-AG1R8K	FXD	CAR	1.8k Ω	$\pm 5\%$	1/8W	
R119	RCB-AG680	FXD	CAR	680 Ω	$\pm 5\%$	1/8W	
R120	RCB-AG680	FXD	CAR	680 Ω	$\pm 5\%$	1/8W	
R121	RCB-AG1K	FXD	CAR	1k Ω	$\pm 5\%$	1/8W	
R123	RCB-AG100	FXD	CAR	100 Ω	$\pm 5\%$	1/8W	
R124	RCB-AG3R9K	FXD	CAR	3.9k Ω	$\pm 5\%$	1/8W	
R125	RCB-AG8R2K	FXD	CAR	8.2k Ω	$\pm 5\%$	1/8W	
R126	RCB-AG10K	FXD	CAR	10k Ω	$\pm 5\%$	1/8W	
R127	RCB-AG10K	FXD	CAR	10k Ω	$\pm 5\%$	1/8W	
R128	RCB-AG10K	FXD	CAR	10k Ω	$\pm 5\%$	1/8W	
R131	RCB-AG15	FXD	CAR	15 Ω	$\pm 5\%$	1/8W	
R134	RCB-AG10K	FXD	CAR	10k Ω	$\pm 5\%$	1/8W	
R136	RCB-AG15	FXD	CAR	15 Ω	$\pm 5\%$	1/8W	
R137	RCB-AG15K	FXD	CAR	15k Ω	$\pm 5\%$	1/8W	
R138	RCB-AG6R8K	FXD	CAR	6.8k Ω	$\pm 5\%$	1/8W	
R139	RCB-AG18K	FXD	CAR	18k Ω	$\pm 5\%$	1/8W	
R141	RCB-AG4R7K	FXD	CAR	4.7k Ω	$\pm 5\%$	1/8W	
R142	RCB-AH560	FXD	CAR	560 Ω	$\pm 5\%$	1/4W	

R3265A/3271A
RF I/O
BLS-017508 × 02 (7 of 9)

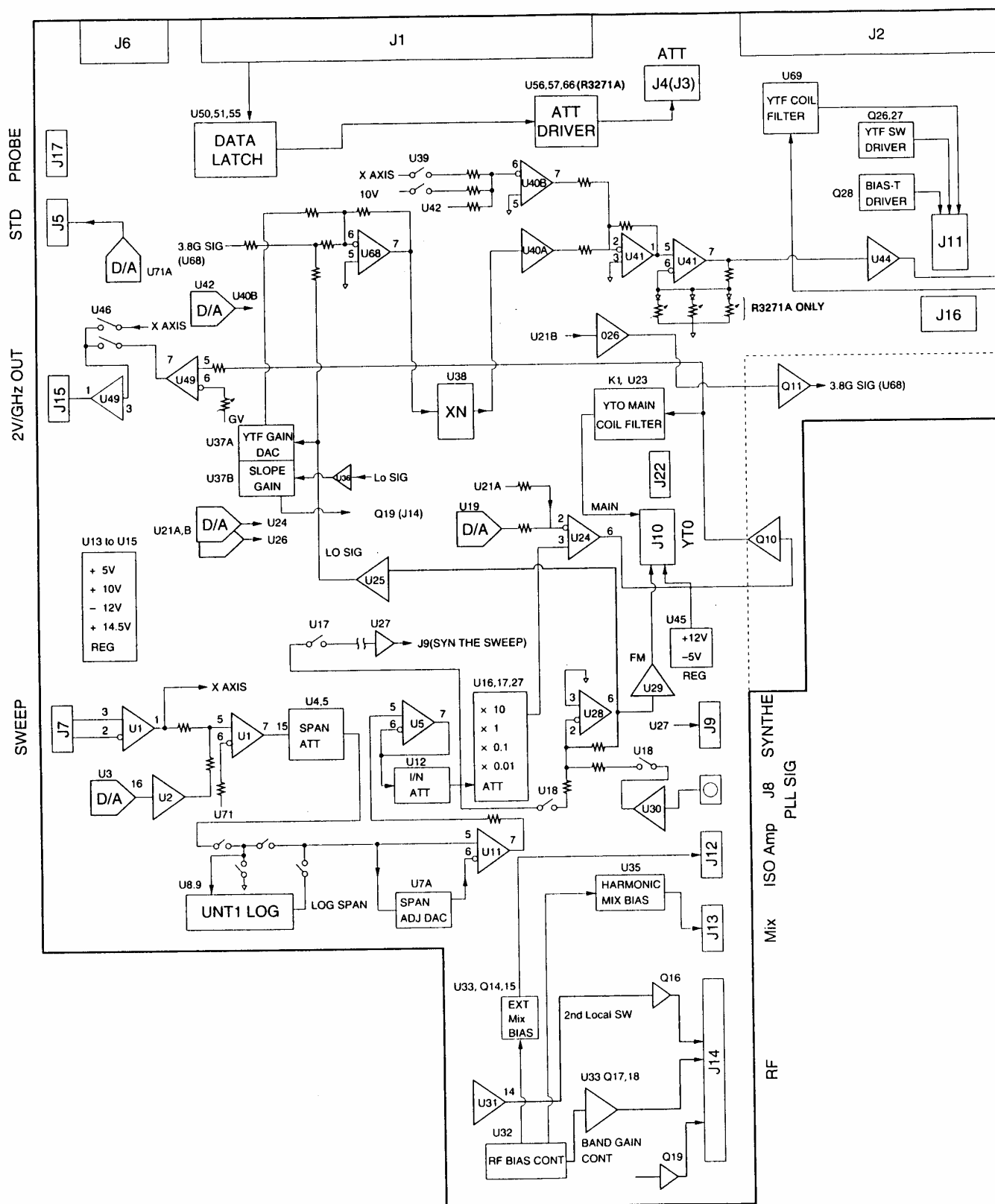
Parts No.	Advantest Stock No.	Description	Note
<u>R143 -144</u>	<u>RCB-AG33K</u>	FXD CAR 33kΩ ± 5% 1/8W	
<u>R145 -146</u>	<u>RCB-AG47K</u>	FXD CAR 47kΩ ± 5% 1/8W	
<u>R147</u>	<u>RCB-AG12K</u>	FXD CAR 12kΩ ± 5% 1/8W	
<u>R148</u>	<u>RCB-AG1R8K</u>	FXD CAR 1.8kΩ ± 5% 1/8W	
<u>R149</u>	<u>RMF-TC18KFJ</u>	FXD METAL 18kΩ ± 1% 1/4W	
<u>R150</u>	<u>RMF-TC1R5KFJ</u>	FXD METAL 1.5kΩ ± 1% 1/4W	
<u>R151</u>	<u>RMF-TC19R7KFJ</u>	FXD METAL 19.7kΩ ± 1% 1/4W	
<u>R153</u>	<u>RMF-BJ150KFK</u>	FXD METAL 150kΩ ± 1% 1/4W	
<u>R154</u>	<u>RMF-TC10KFJ</u>	FXD METAL 10kΩ ± 1% 1/4W	
<u>R155</u>	<u>RAY-AJ10K4</u>	ASSEMBLY QUAD 10kΩ ± 0.1% 1/10W	
<u>R156</u>	<u>RMF-TC10KFJ</u>	FXD METAL 10kΩ ± 1% 1/4W	
<u>R157</u>	<u>RMF-TC75KFJ</u>	FXD METAL 75kΩ ± 1% 1/4W	
<u>R158</u>	<u>RMF-TC10KFJ</u>	FXD METAL 10kΩ ± 1% 1/4W	
<u>R159</u>	<u>RMF-TC33KFJ</u>	FXD METAL 33kΩ ± 1% 1/4W	
<u>R160</u>	<u>RMF-TC9KFG</u>	FXD METAL 9kΩ ± 1% 1/4W	
<u>R161</u>	<u>RMF-TC100KFJ</u>	FXD METAL 100kΩ ± 1% 1/4W	
<u>R163</u>	<u>RMF-TC10KFJ</u>	FXD METAL 10kΩ ± 1% 1/4W	
<u>R165</u>	<u>RMF-TC10KFJ</u>	FXD METAL 10kΩ ± 1% 1/4W	
<u>R166</u>	<u>RCB-AG82</u>	FXD CAR 82Ω ± 5% 1/8W	
<u>R176</u>	<u>RAY-AJ10K4</u>	ASSEMBLY QUAD 10kΩ ± 0.1% 1/10W	
<u>R177</u>	<u>RMF-TC10KFJ</u>	FXD METAL 10kΩ ± 1% 1/4W	
<u>R178 -179</u>	<u>RMF-TC12KFJ</u>	FXD METAL 12kΩ ± 1% 1/4W	
<u>R180</u>	<u>RMF-TC10KFJ</u>	FXD METAL 10kΩ ± 1% 1/4W	
<u>R181</u>	<u>RCB-AG1R8K</u>	FXD CAR 1.8kΩ ± 5% 1/8W	
<u>R182</u>	<u>RCB-AG1R2K</u>	FXD CAR 1.2kΩ ± 5% 1/8W	
<u>R183 -184</u>	<u>RMF-TC20KFJ</u>	FXD METAL 20kΩ ± 1% 1/4W	
<u>R185 -186</u>	<u>RMF-TC10KFJ</u>	FXD METAL 10kΩ ± 1% 1/4W	
<u>R187</u>	<u>RCB-AG1K</u>	FXD CAR 1kΩ ± 5% 1/8W	
<u>R188</u>	<u>RCB-AH150</u>	FXD CAR 150Ω ± 5% 1/4W	
<u>R189</u>	<u>RCB-AG33K</u>	FXD CAR 33kΩ ± 5% 1/8W	
<u>R190</u>	<u>RCB-AG10K</u>	FXD CAR 10kΩ ± 5% 1/8W	
<u>R191</u>	<u>RCB-AG33K</u>	FXD CAR 33kΩ ± 5% 1/8W	
<u>R192</u>	<u>RCB-AK820</u>	FXD CAR 820Ω ± 5% 1/2W	
<u>R193</u>	<u>RCB-AG1K</u>	FXD CAR 1kΩ ± 5% 1/8W	
<u>R195</u>	<u>RCB-AG22K</u>	FXD CAR 22kΩ ± 5% 1/8W	
<u>R196</u>	<u>RCB-AG4R7K</u>	FXD CAR 4.7kΩ ± 5% 1/8W	
<u>R198</u>	<u>RCB-AG22K</u>	FXD CAR 22kΩ ± 5% 1/8W	
<u>R200</u>	<u>RMF-TC15KFJ</u>	FXD METAL 15kΩ ± 1% 1/4W	
<u>R201</u>	<u>RMF-TC27KFJ</u>	FXD METAL 27kΩ ± 1% 1/4W	
<u>R202</u>	<u>RMF-AB560QFJ</u>	FXD METAL 560Ω ± 1% 1/4W	

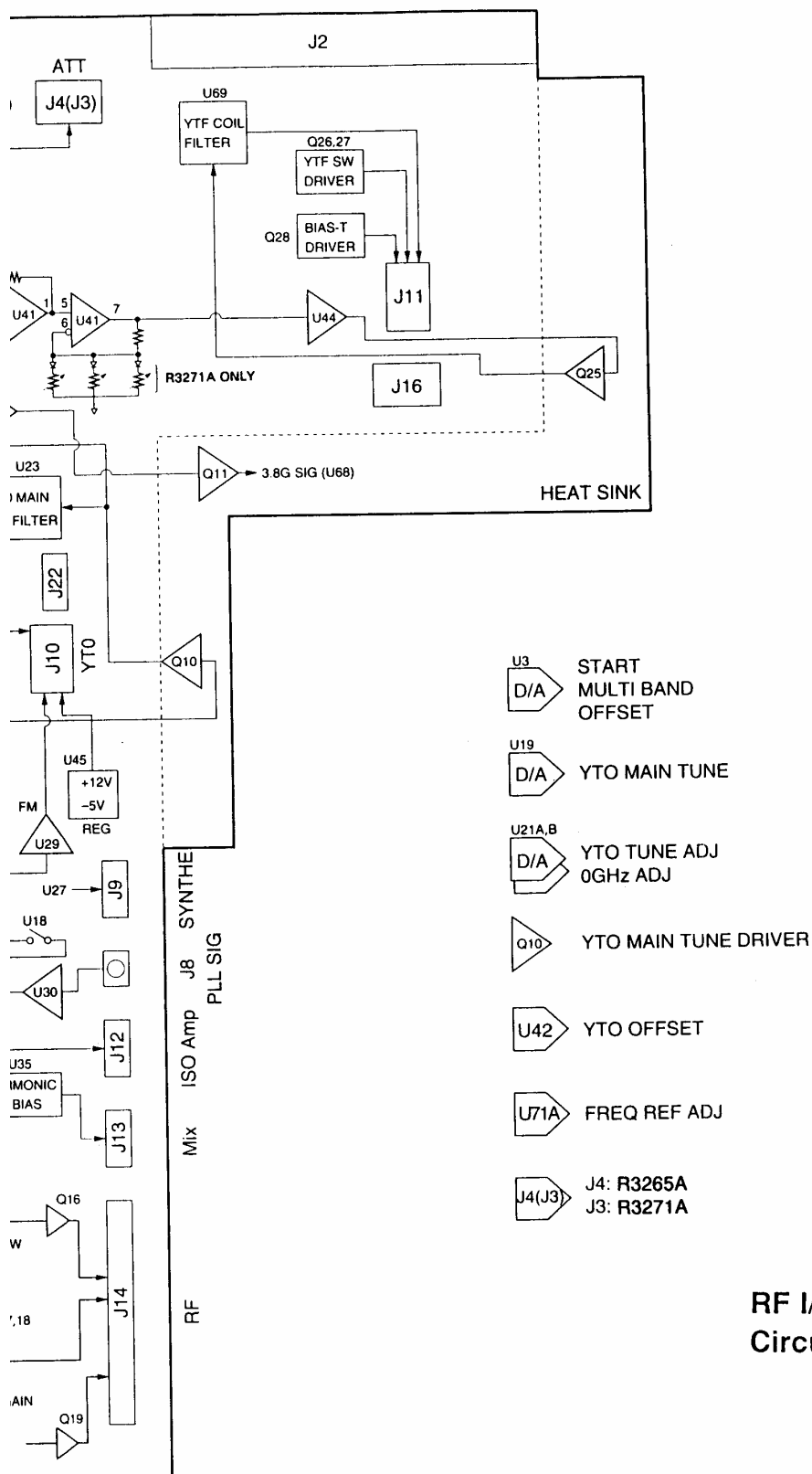
R3265A/3271A
RF I/O
BLS-017508×02 (8 of 9)

Parts No.	Advantest Stock No.	Description	Note
R203	RCB-AG10K	FXD CAR 10k Ω \pm 5% 1/8W	
R204 -205	RCB-AG33K	FXD CAR 33k Ω \pm 5% 1/8W	
R206	RCB-AH680	FXD CAR 680 Ω \pm 5% 1/8W	
R207	RCB-AG2R2K	FXD CAR 2.2k Ω \pm 5% 1/8W	
R208	RCB-AG10K	FXD CAR 10k Ω \pm 5% 1/8W	
R209 -210	RMF-TC10KFJ	FXD METAL 10k Ω \pm 1% 1/4W	
R211	RMF-TC2R7KFJ	FXD METAL 2.7k Ω \pm 1% 1/4W	
R212	RMF-TC6R8KFJ	FXD METAL 6.8k Ω \pm 1% 1/4W	
R213	RMF-TC20KFJ	FXD METAL 20k Ω \pm 1% 1/4W	
R214	RCB-AG33K	FXD CAR 33k Ω \pm 5% 1/8W	
R215	RCB-AG22K	FXD CAR 22k Ω \pm 5% 1/8W	
R216	RMF-TC390KFJ	FXD METAL 390k Ω \pm 1% 1/4W	
R217 -218	RMF-TC20KFJ	FXD METAL 20k Ω \pm 1% 1/4W	
R219	RCB-AG100K	FXD CAR 100k Ω \pm 5% 1/8W	
R220	RCB-AG33K	FXD CAR 33k Ω \pm 5% 1/8W	
R221	RCB-AG10K	FXD CAR 10k Ω \pm 5% 1/8W	
R222 -223	RCB-AG33K	FXD CAR 33k Ω \pm 5% 1/8W	
R224	RCB-AK820	FXD CAR 820 Ω \pm 5% 1/2W	
R225	RCB-AG10K	FXD CAR 10k Ω \pm 5% 1/8W	
R226	RCB-AG33K	FXD CAR 33k Ω \pm 5% 1/8W	
R227	RCB-AG22K	FXD CAR 22k Ω \pm 5% 1/8W	
R228	RMF-TC1R8KFJ	FXD METAL 1.8k Ω \pm 1% 1/4W	
R232	RCB-AG390K	FXD CAR 390k Ω \pm 5% 1/8W	
R233	RCB-AG12K	FXD CAR 12k Ω \pm 5% 1/8W	
R234 -235	RMF-TC1R5KFJ	FXD CAR 1.5k Ω \pm 5% 1/8W	
R300	RMF-AB220KFJ	FXD METAL 220k Ω \pm 1% 1/4W	
TP1 -5	MBM-10372A		
U1 -2	SIA-412-1	OP AMP DUAL LOW DRIFT, LOW OFFSET	
U3 -4	SIA-DA7542-4	12-BIT D/A CONVERTER WITH BUFFER	
U5 -6	SIA-412-1	OP AMP DUAL LOW DRIFT, LOW OFFSET	
U7	SIA-DA7528-4	DUAL 8-BIT D/A CONVERTER WITH BUFFER	
U8	SIA-DG201-3	CMOS QUAD SPST SWITCH	
U9	SIA-412-1	OP AMP DUAL LOW DRIFT, LOW OFFSET	
U10	SIA-DG201-3	CMOS QUAD SPST SWITCH	
U11	SIA-TL072	OP AMP DUAL LOW NOISE	
U12	SIA-DA7542-4	12-BIT D/A CONVERTER WITH BUFFER	
U13	SIA-TL072CPS-1	OP AMP DUAL LOW NOISE	
U14	SIA-OP07P-2	OP AMP LOW NOISE LOW OFFSET	
U15	SIA-TL072CPS-1	OP AMP DUAL LOW NOISE	
U16 -18	SIA-DG201-3	CMOS QUAD SPST SWITCH	

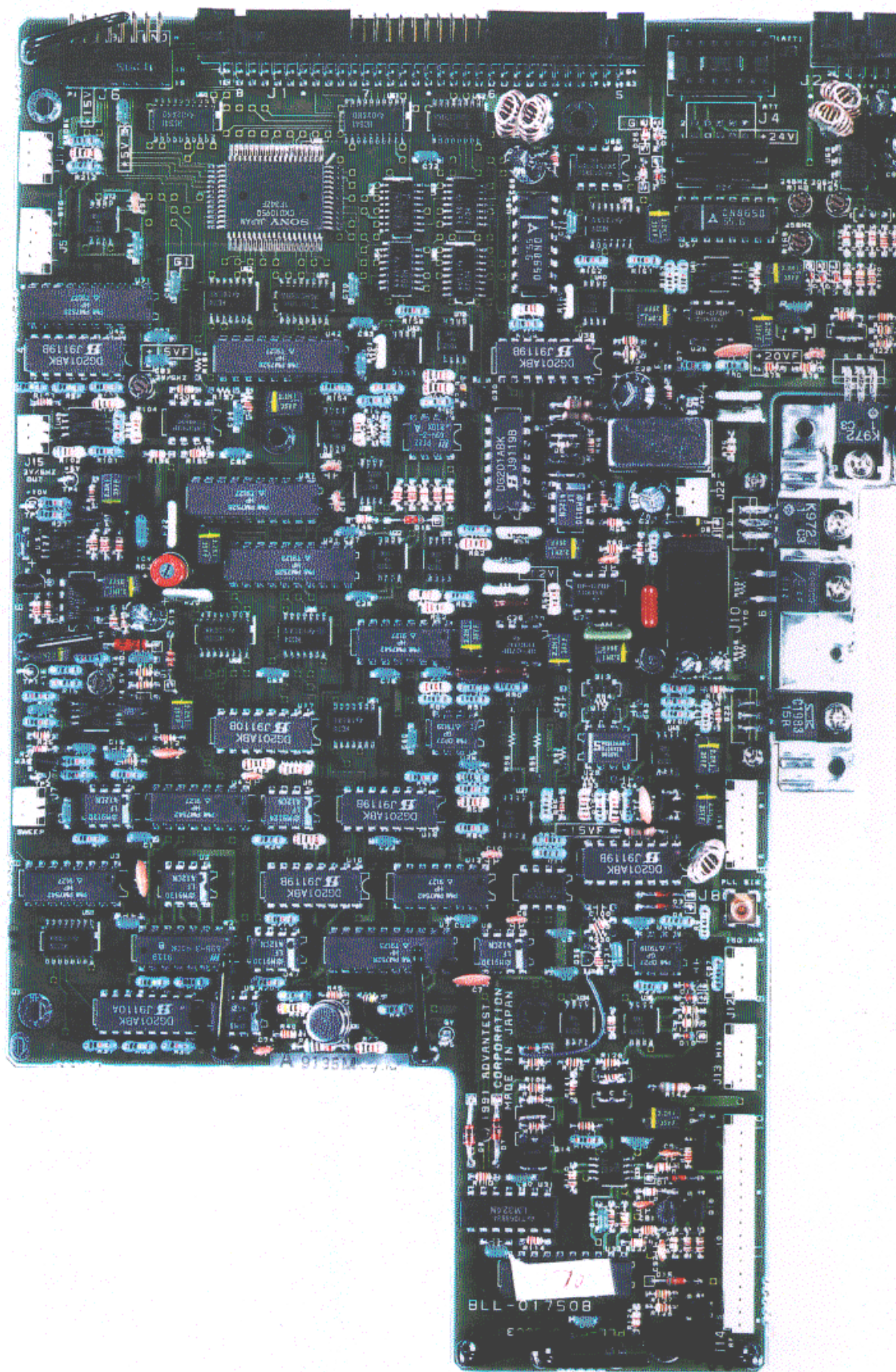
R3265A/3271A
RF I/O
BLS-017508×02 (9 of 9)

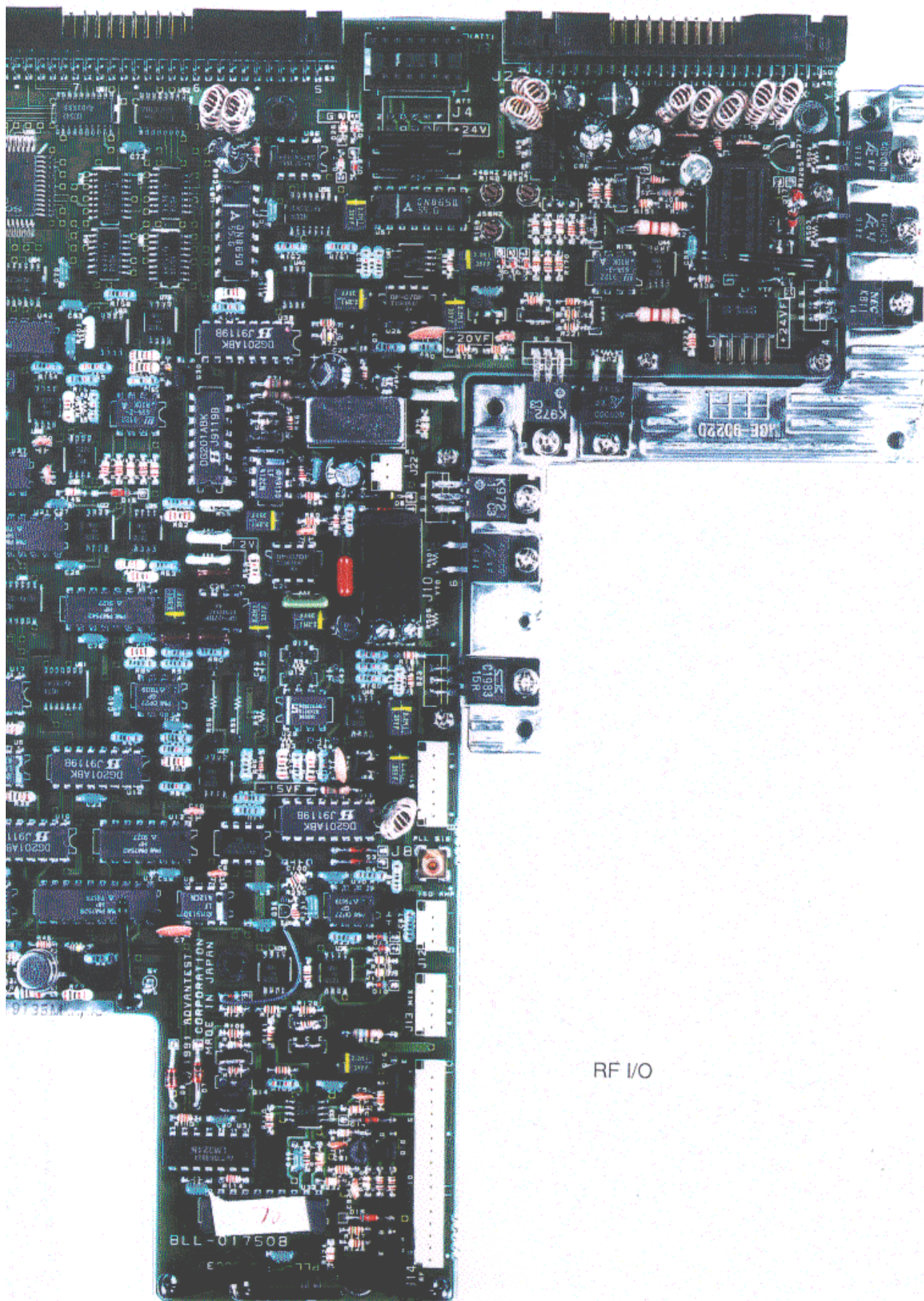
Parts No.	Advantest Stock No.	Description	Note
U19	SIA-DA7542-4	12-BIT D/A CONVERTER WITH BUFFER	
U20	SIA-OP07P-2	OP AMP LOW NOISE LOW OFFSET	
U21	SIA-DA7528-4	DUAL 8-BIT D/A CONVERTER WITH BUFFER	
U22	SIA-TL072CPS-1	OP AMP DUAL LOW NOISE	
U23	SIA-412-1	OP AMP DUAL LOW DRIFT, LOW OFFSET	
U24	SIA-OP07P-2	OP AMP LOW NOISE LOW OFFSET	
U25	SIA-TL072CPS-1	OP AMP DUAL LOW NOISE	
U26	SIA-OP07P-2	OP AMP LOW NOISE LOW OFFSET	
U27	SIA-TL072CPS-1	OP AMP DUAL LOW NOISE	
U28	SIA-OP27GD-2	OP AMP LOW NOISE LOW OFFSET	
U29	SIA-5534A-1	OP AMP LOW NOISE HIGH SPEED	
U30	SIA-OP27GD-2	OP AMP LOW NOISE LOW OFFSET	
U31	SIA-324	OP AMP QUAD	
U32	SIA-DA7226HP	QUAD 8-BIT D/A CONVERTER VOLTAGE OUT	
U33 -36	SIA-TL072CPS-1	OP AMP DUAL LOW NOISE	
U37	SIA-DA7528-4	DUAL 8-BIT D/A CONVERTER WITH BUFFER	
U38 -39	SIA-DG201-3	CMOS QUAD SPST SWITCH	
U40 -41	SIA-TL072CPS-1	OP AMP DUAL LOW NOISE	
U42	SIA-DA7528-4	DUAL 8-BIT D/A CONVERTER WITH BUFFER	
U43 -45	SIA-TL072CPS-1	OP AMP DUAL LOW NOISE	
U46	SIA-DG201-3	CMOS QUAD SPST SWITCH	
U47	SIA-412-1	OP AMP DUAL LOW DRIFT, LOW OFFSET	
U48	SIA-393	COMPARATOR DUAL LOW POWER LOW OFFSET	
U49	SIA-TL072CPS-1	OP AMP DUAL LOW NOISE	
U50 -51	SIM-74HC541S	OCTAL BUFFER, WITH 3-STATE OUTPUTS	
U52 -54	SIM-74HC138S	3-TO-8 LINE DECODERS	
U55	SIM-CXD1095	I/O EXPANDER	
U56	SIM-74HC04S	HEX INVERTERS	
U57	SIT-DN8650	LOW-ACTIVE DRIVERS	
U58 -60	SIM-74HC139S	DUAL 2-TO-4 LINE DECODERS	
U61 -63	SIM-74HC74S	DUAL D-TYPE POSITIVE-EDGE-TRIGGERED FLIP-FLOPS	
U64	SIM-74HC00S	QUAD 2 INPUT POSITIVE NAND GATS	
U65	SIM-74HC04S	HEX INVERTERS	
U67	SIT-DN8650	LOW-ACTIVE DRIVERS	
U68	SIA-TL072CPS-1	OP AMP DUAL LOW NOISE	
U69	SEE-PFA122A-1	PHOTO MOS FET RELAY 100V	
U71	SIA-DA7528-4	DUAL 8-BIT D/A CONVERTER WITH BUFFER	
U72 -73	SIA-TL072CPS-1	OP AMP DUAL LOW NOISE	

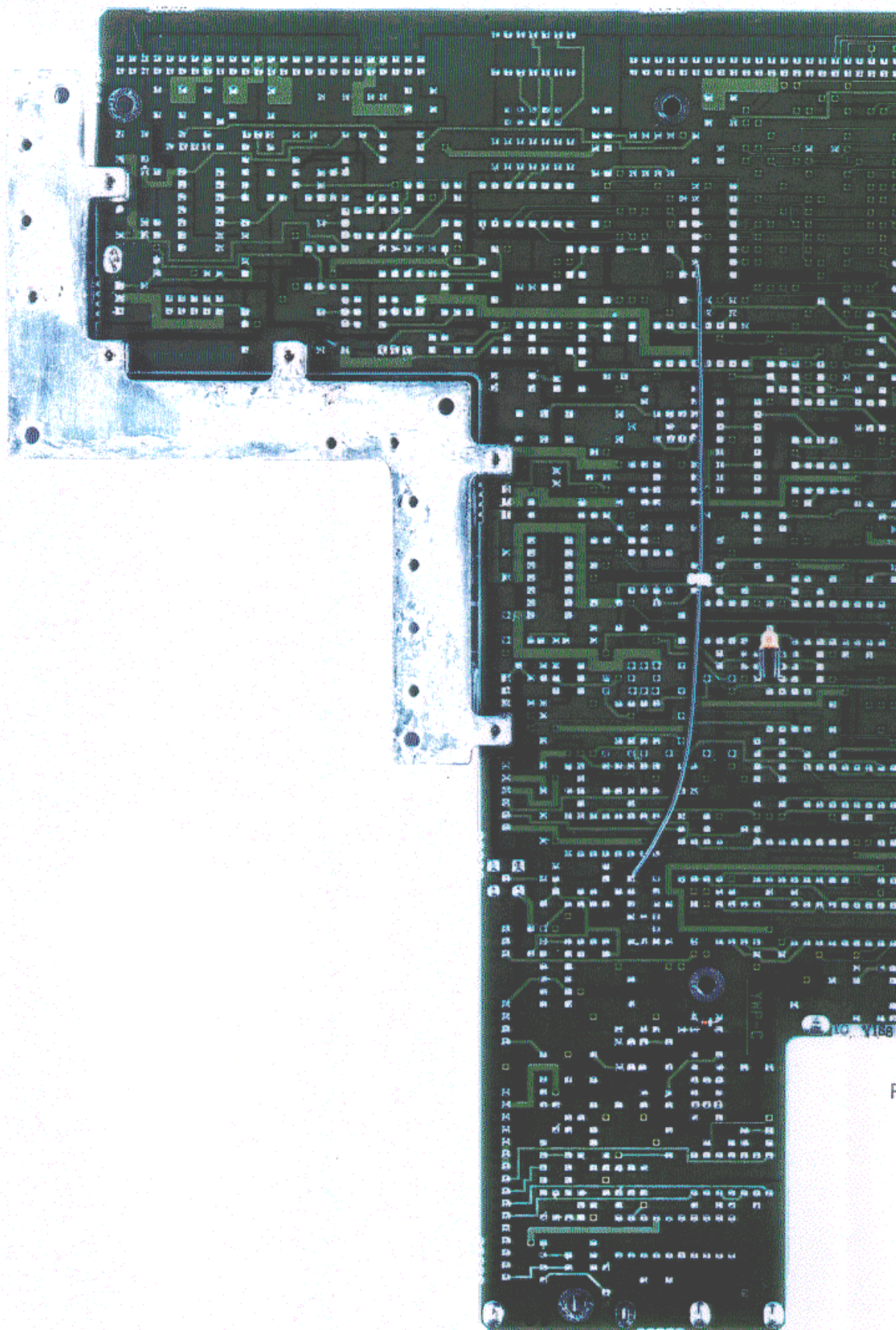


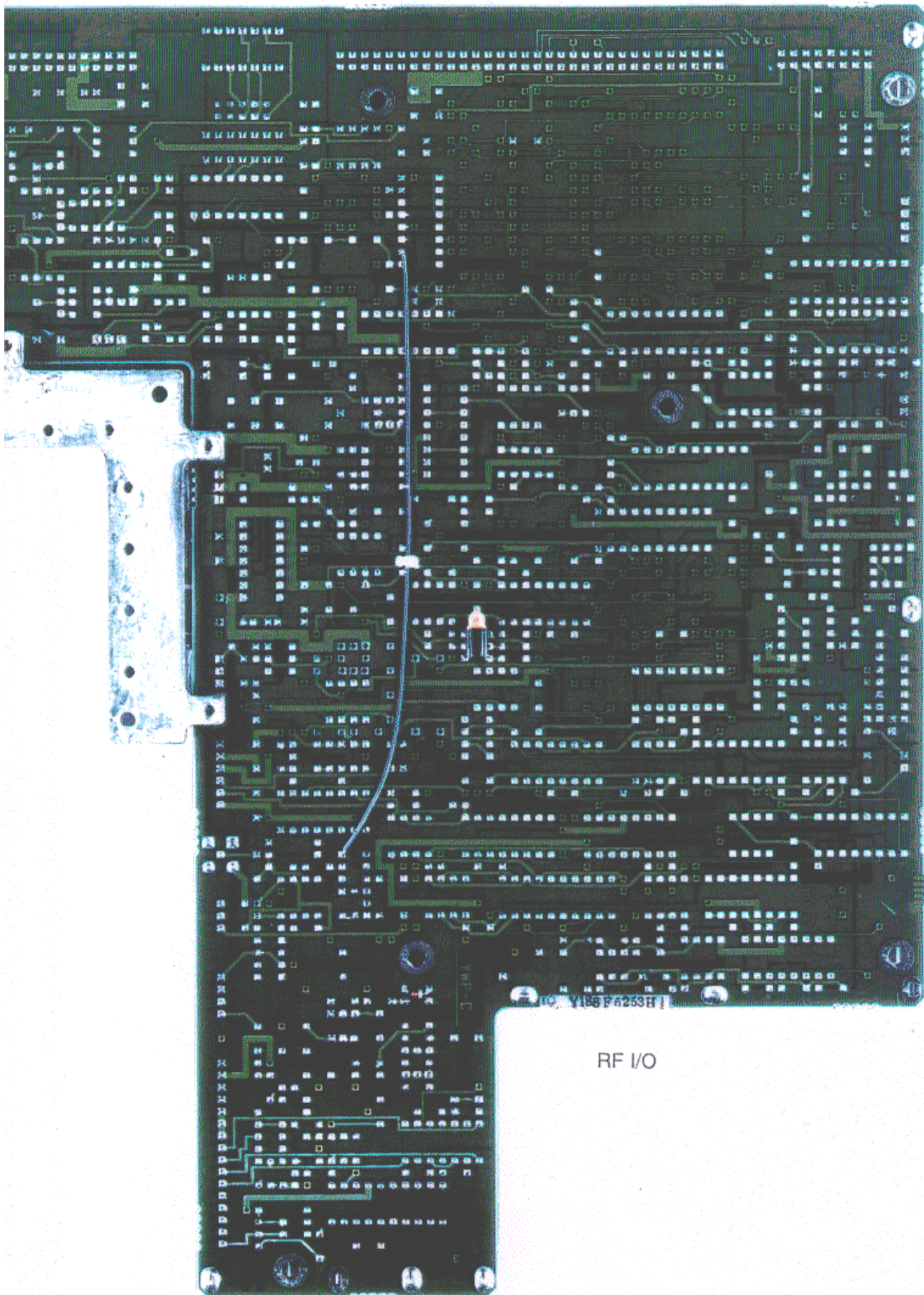


RF I/O
Circuit Layout

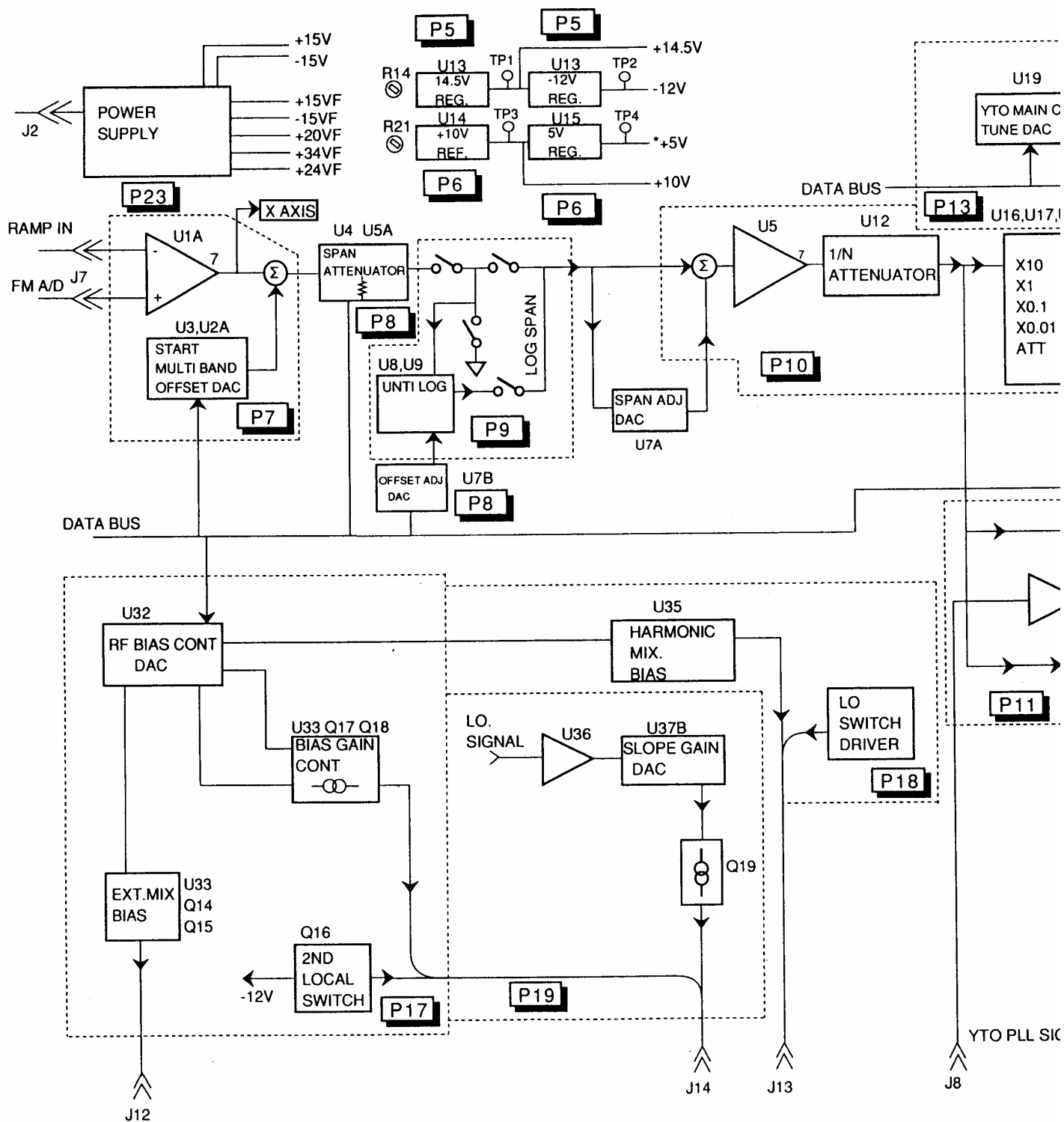


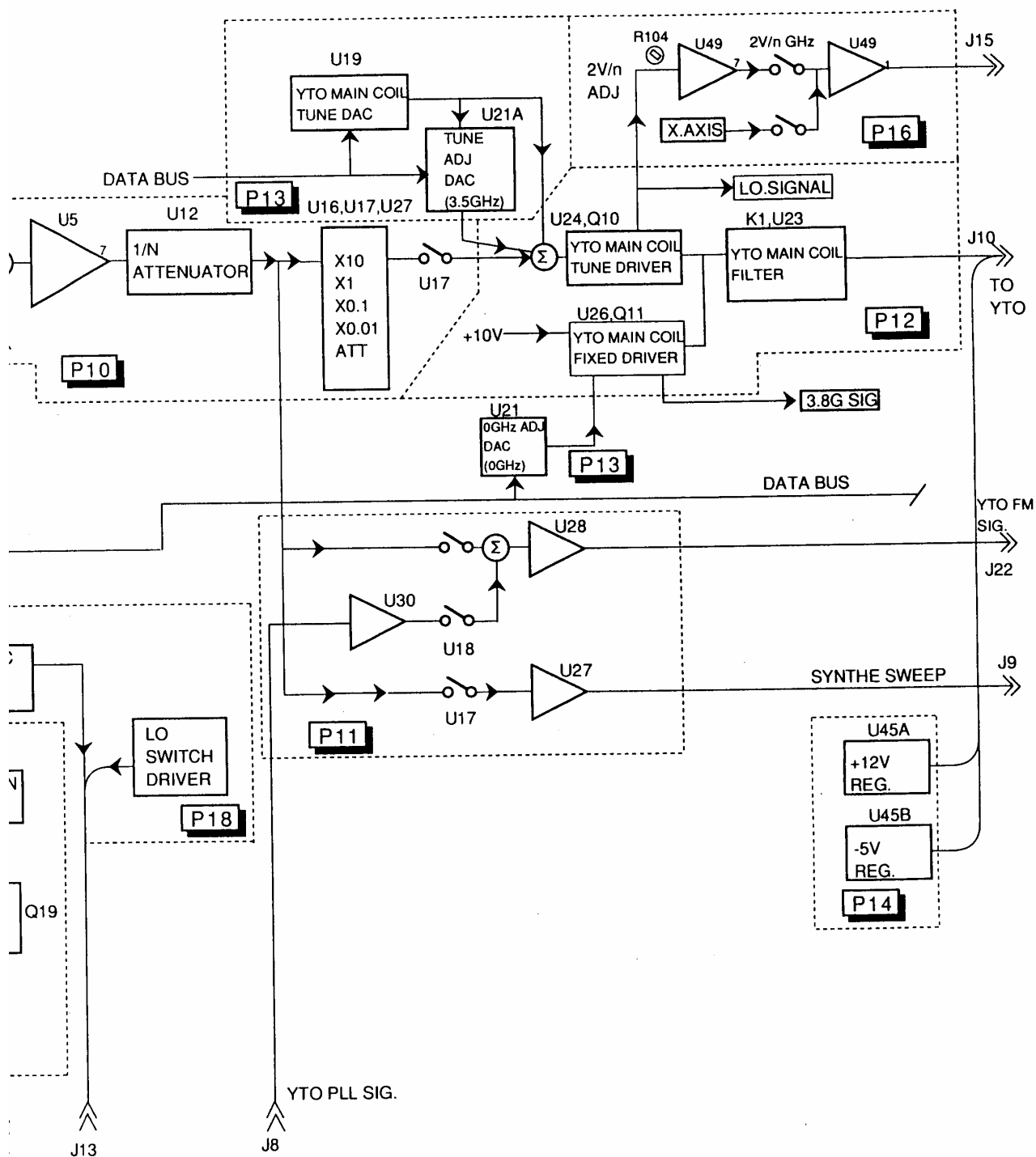


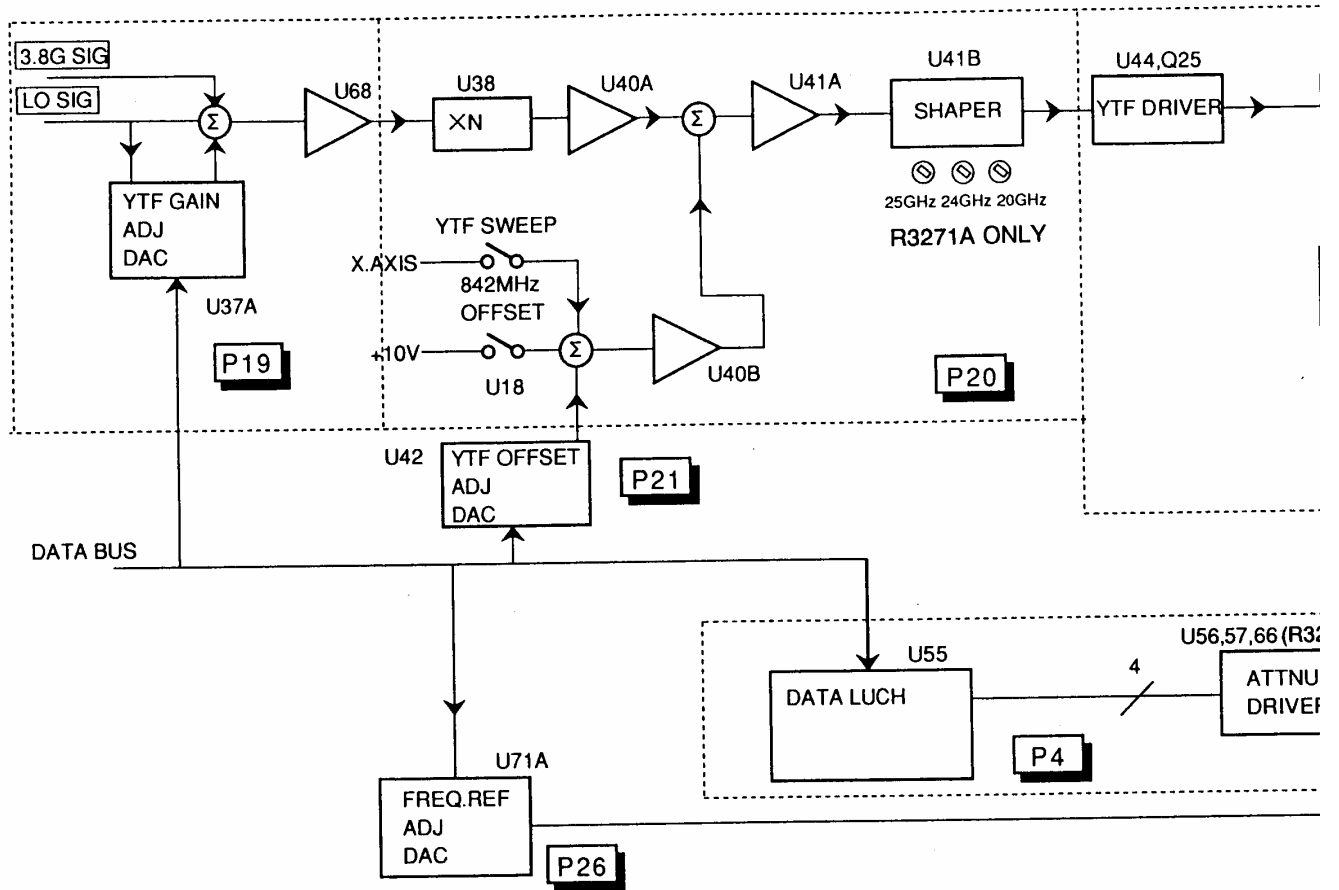


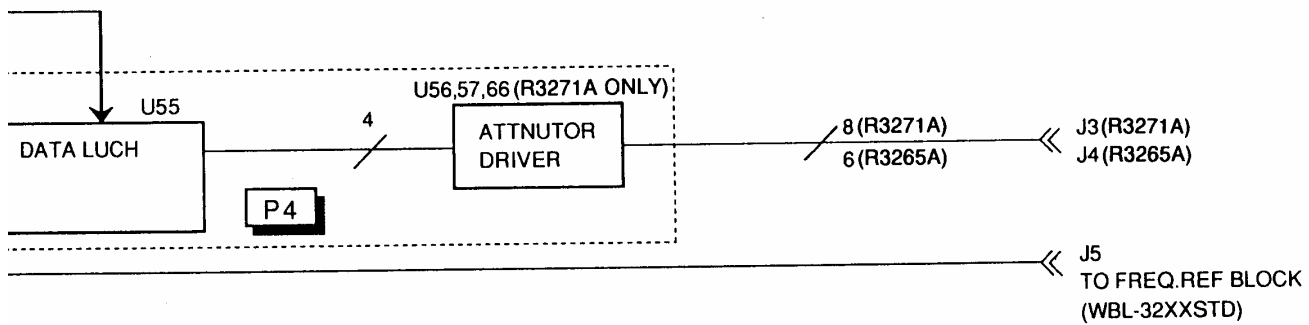
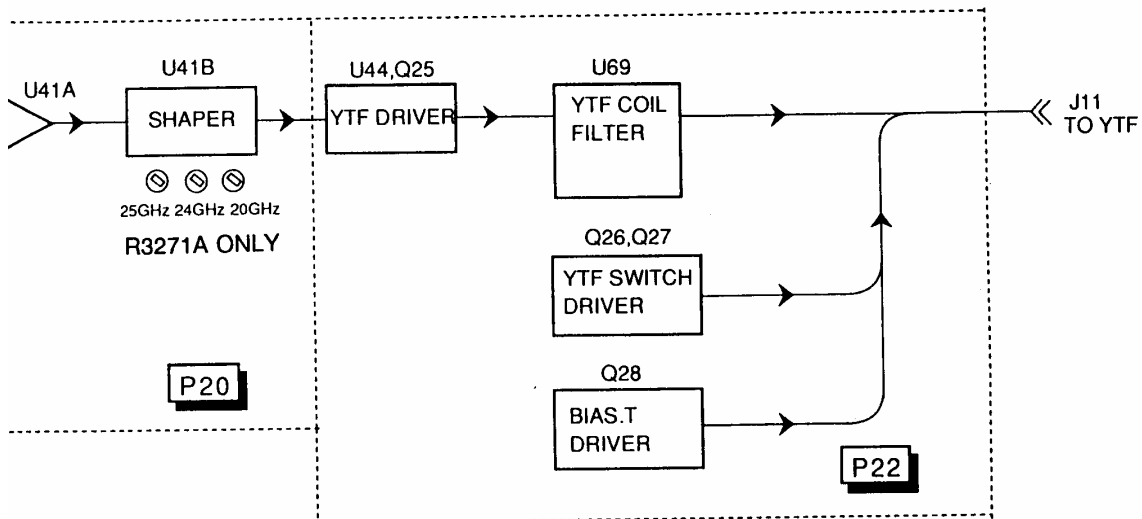


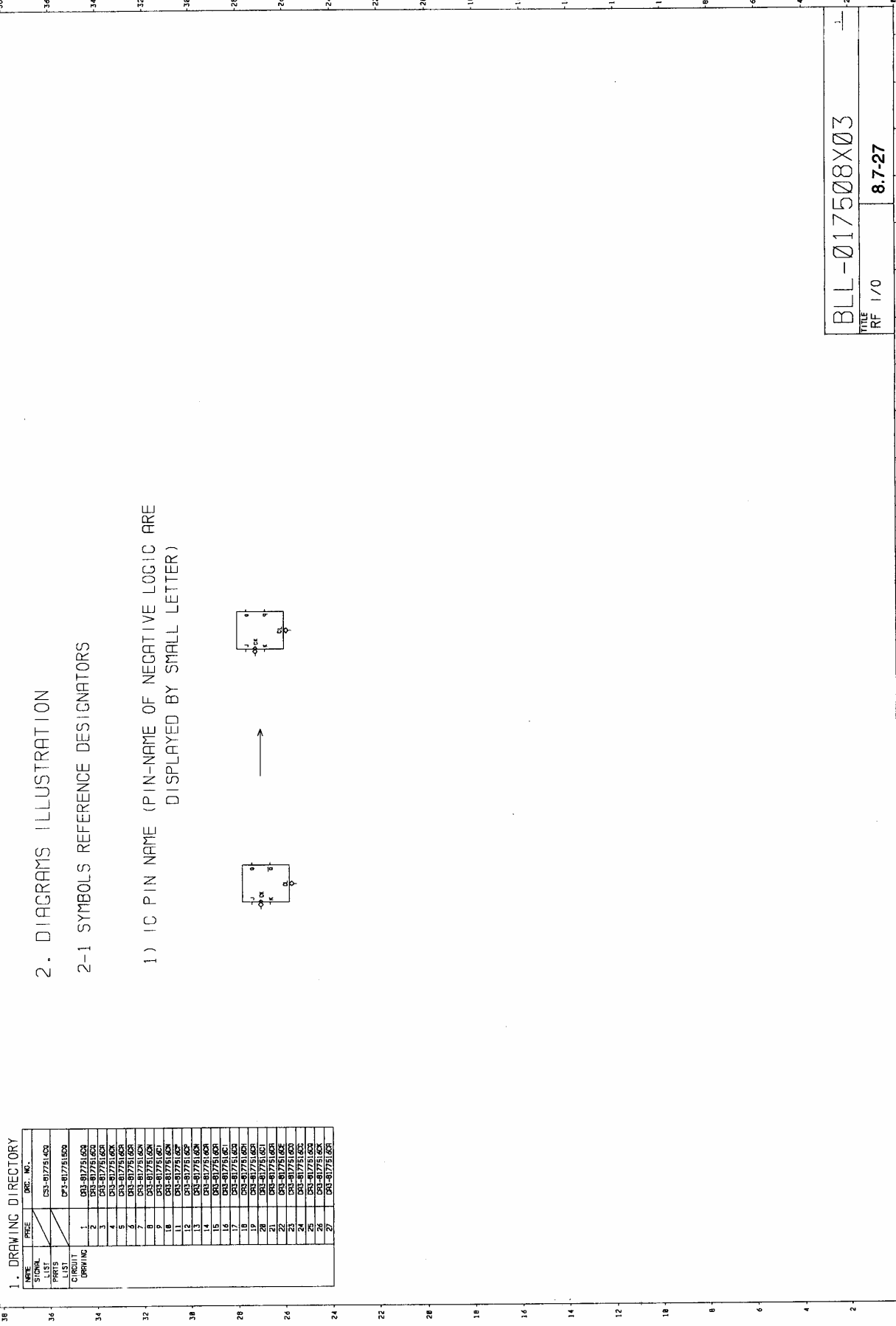
RF I/O











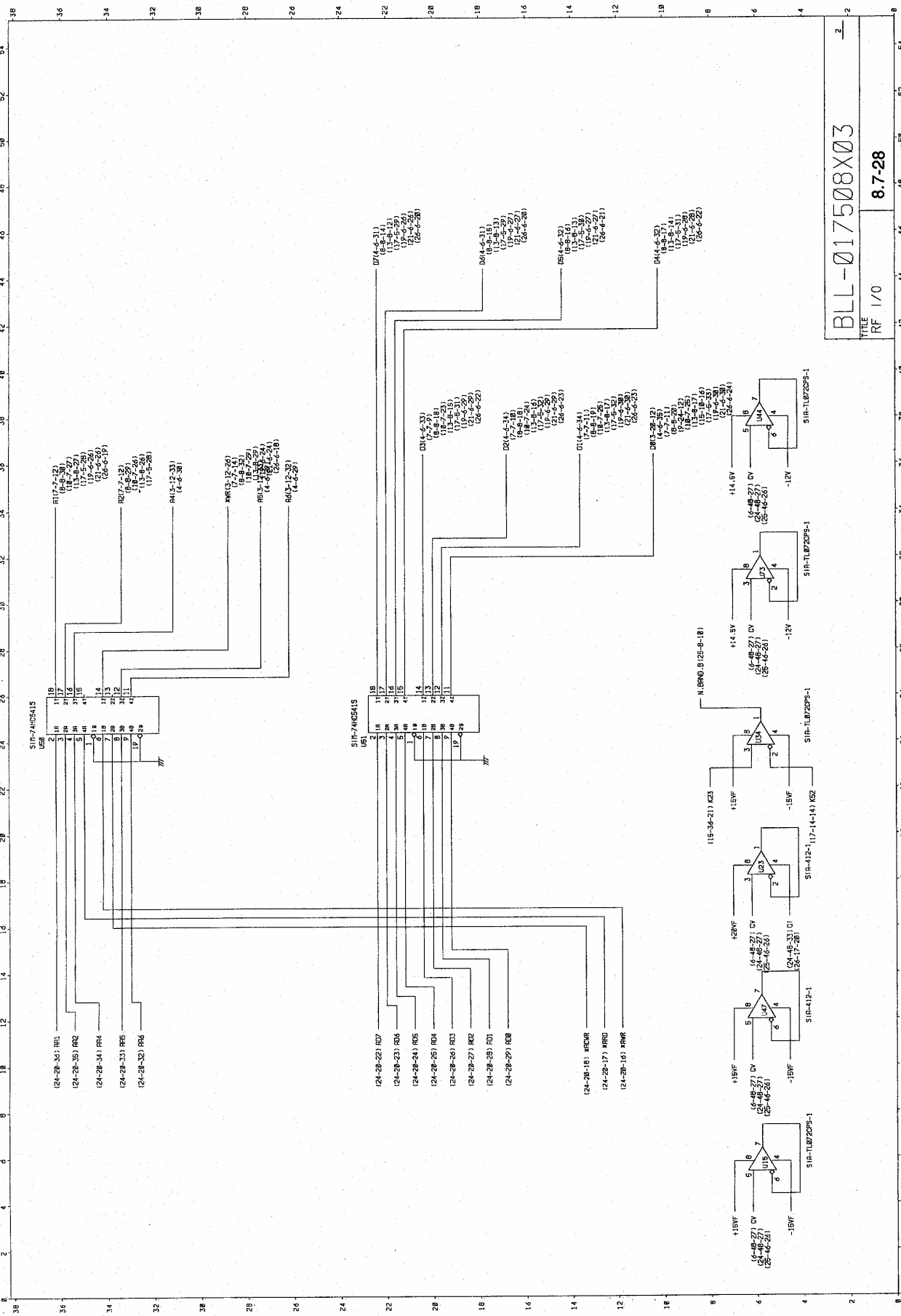
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PARTS		053-017751-009
CIRCUIT		
DRAWING		
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2		053-017751-003
3		053-017751-003
4		053-017751-003
5		053-017751-003
6		053-017751-003
7		053-017751-003
8		053-017751-003
9		053-017751-003
10		053-017751-003
11		053-017751-003
12		053-017751-003
13		053-017751-003
14		053-017751-003
15		053-017751-003
16		053-017751-003
17		053-017751-003
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19		053-017751-003
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21		053-017751-003
22		053-017751-003
23		053-017751-003
24		053-017751-003
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26		053-017751-003
27		053-017751-003

2. DIAGRAMS ILLUSTRATION

2-1 SYMBOLS REFERENCE DESIGNATORS

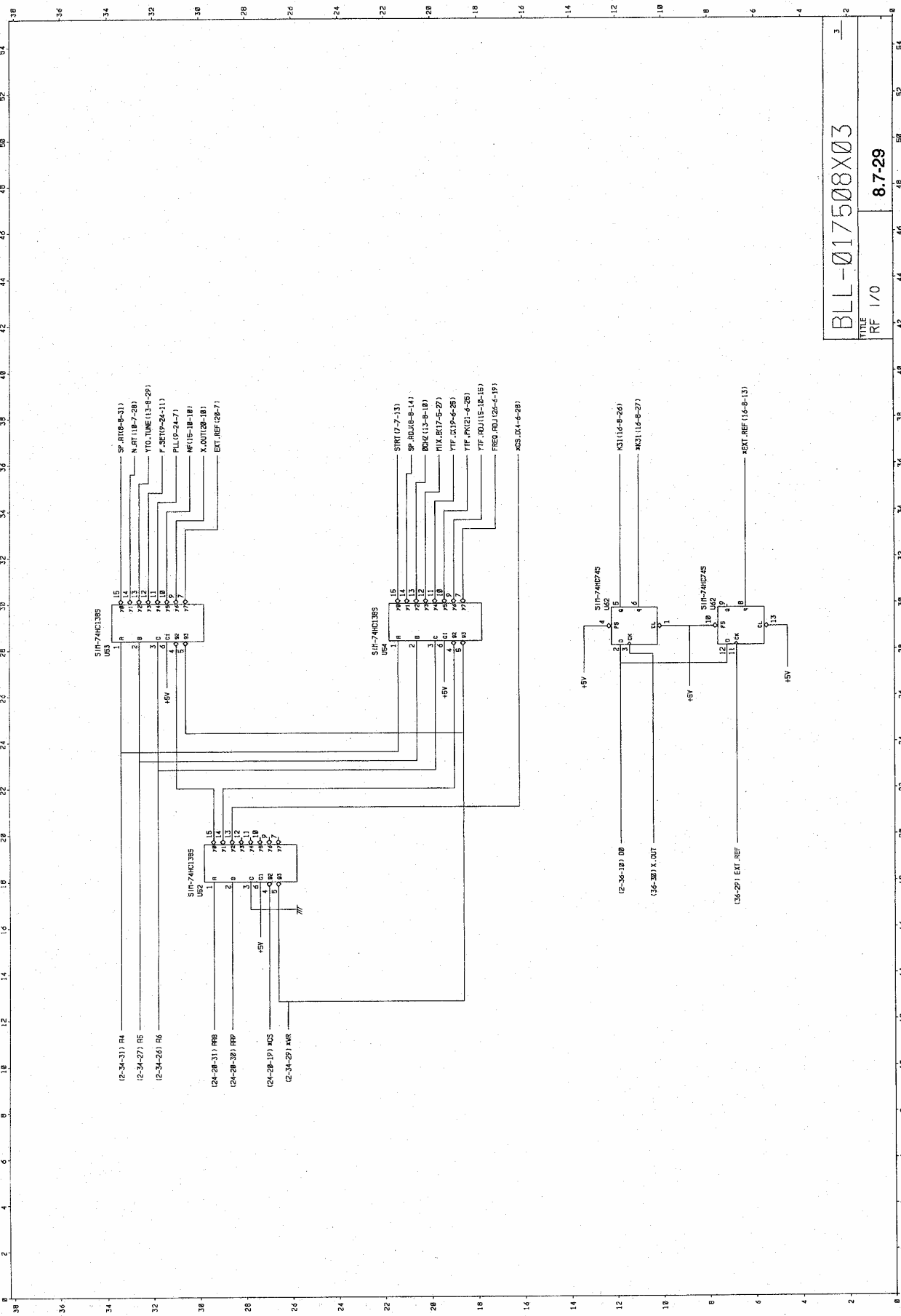
1) IC PIN NAME (PIN-NAME OF NEGATIVE LOGIC ARE
DISPLAYED BY SMALL LETTER)

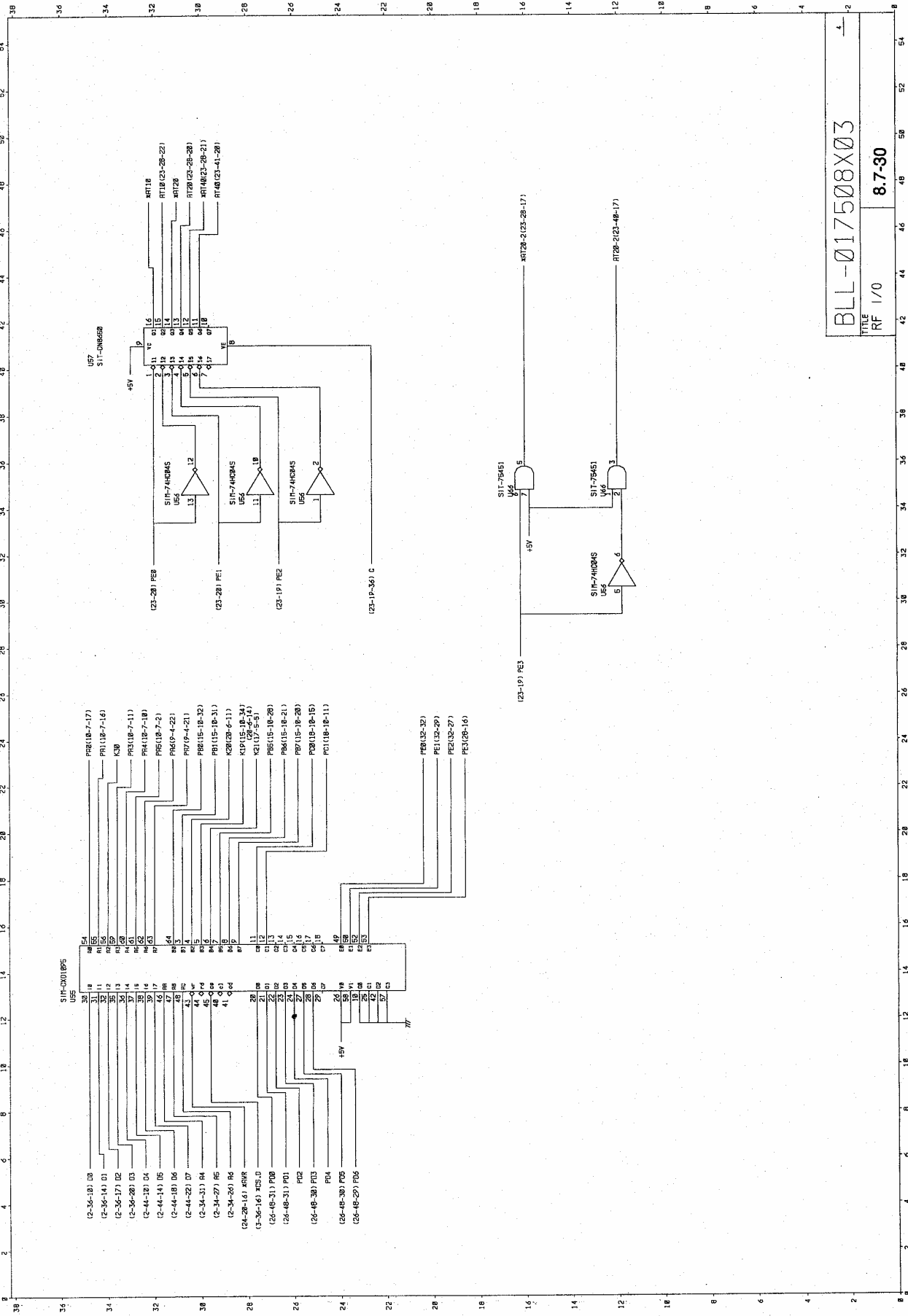




BLL-017508X03

8.7-28





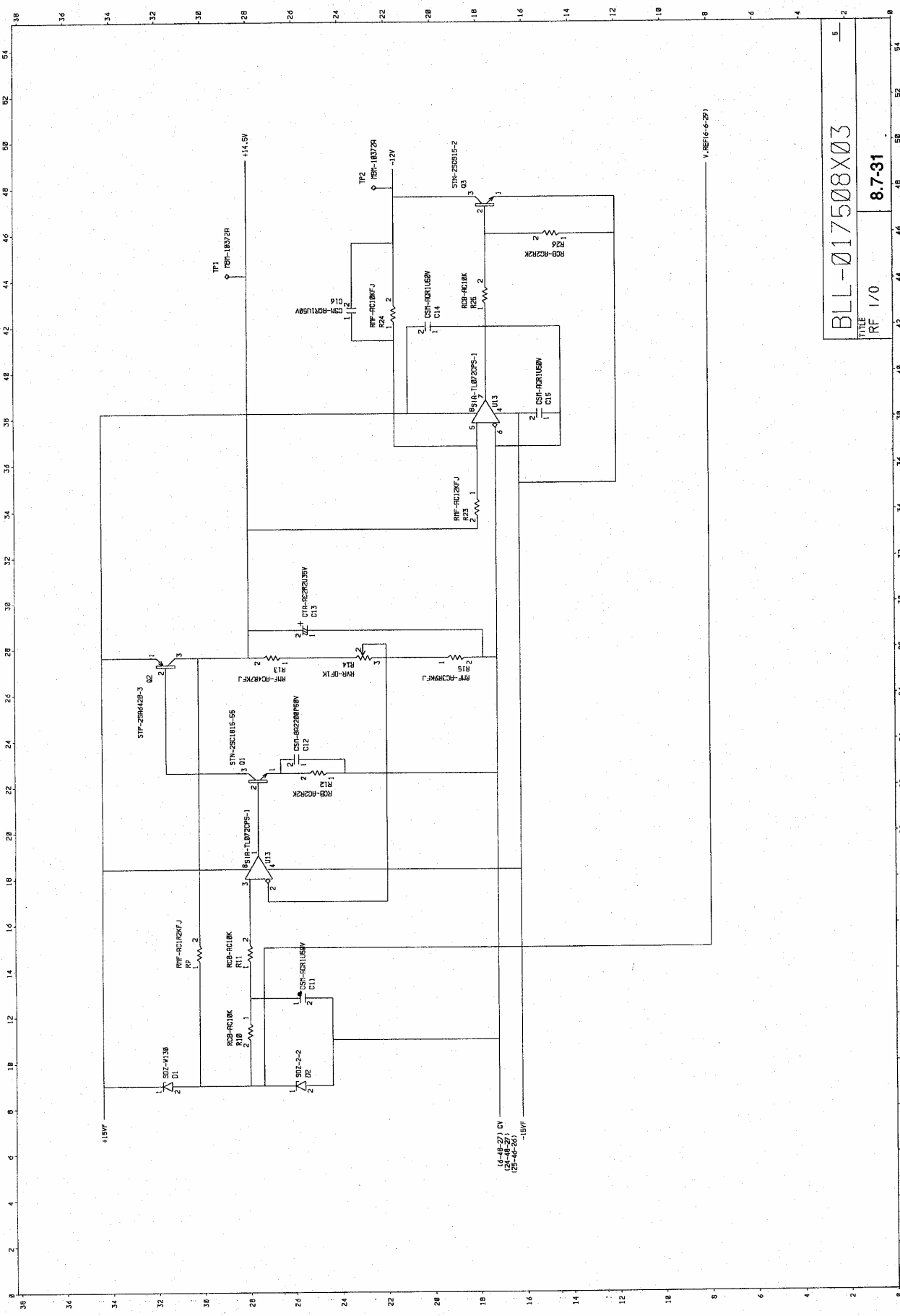
BLL-017508X03

TITLE
RF I/O

8.7-30

4

2



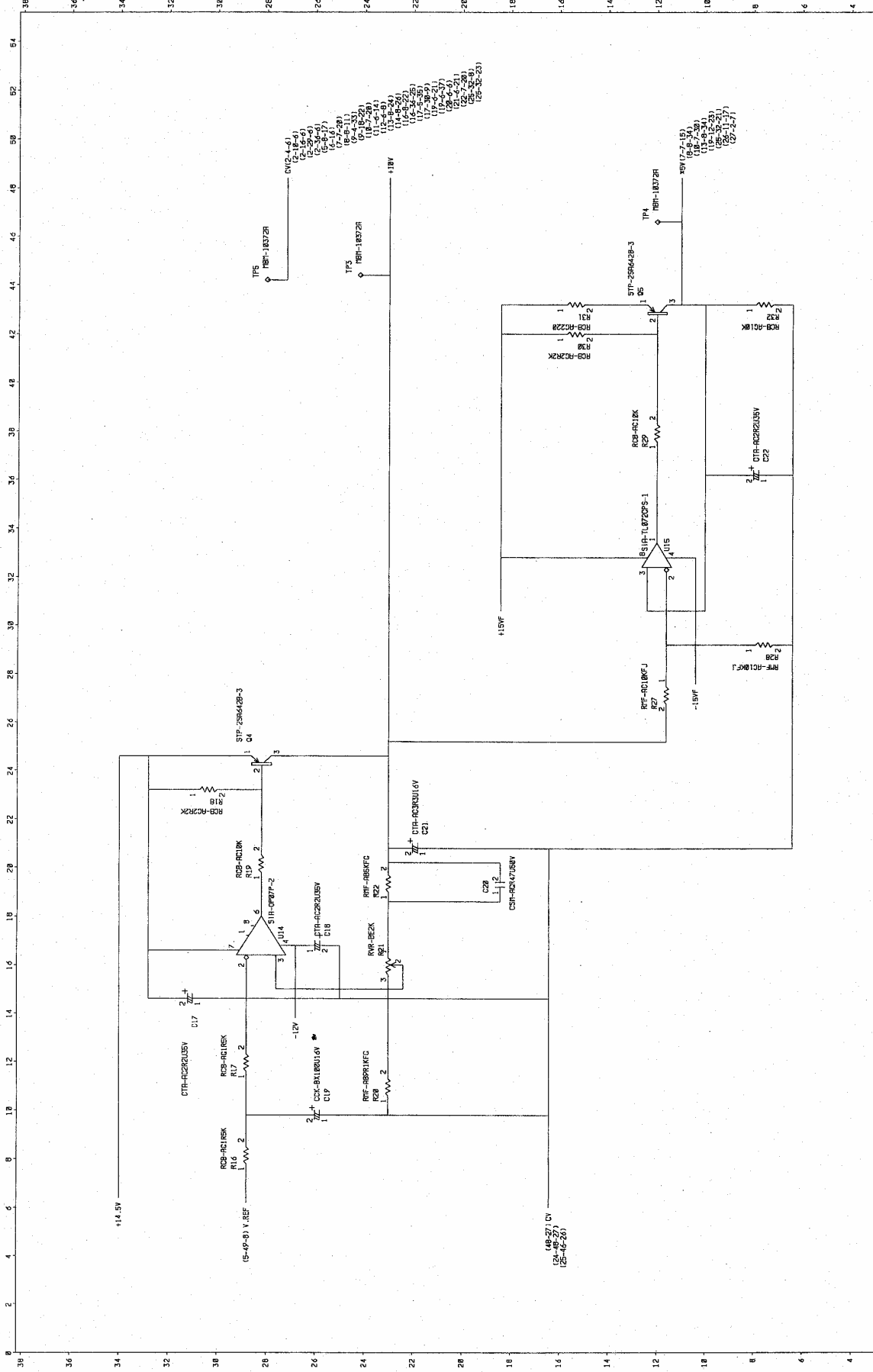
BLL-017508X03

8.7-31

RF I/O

5

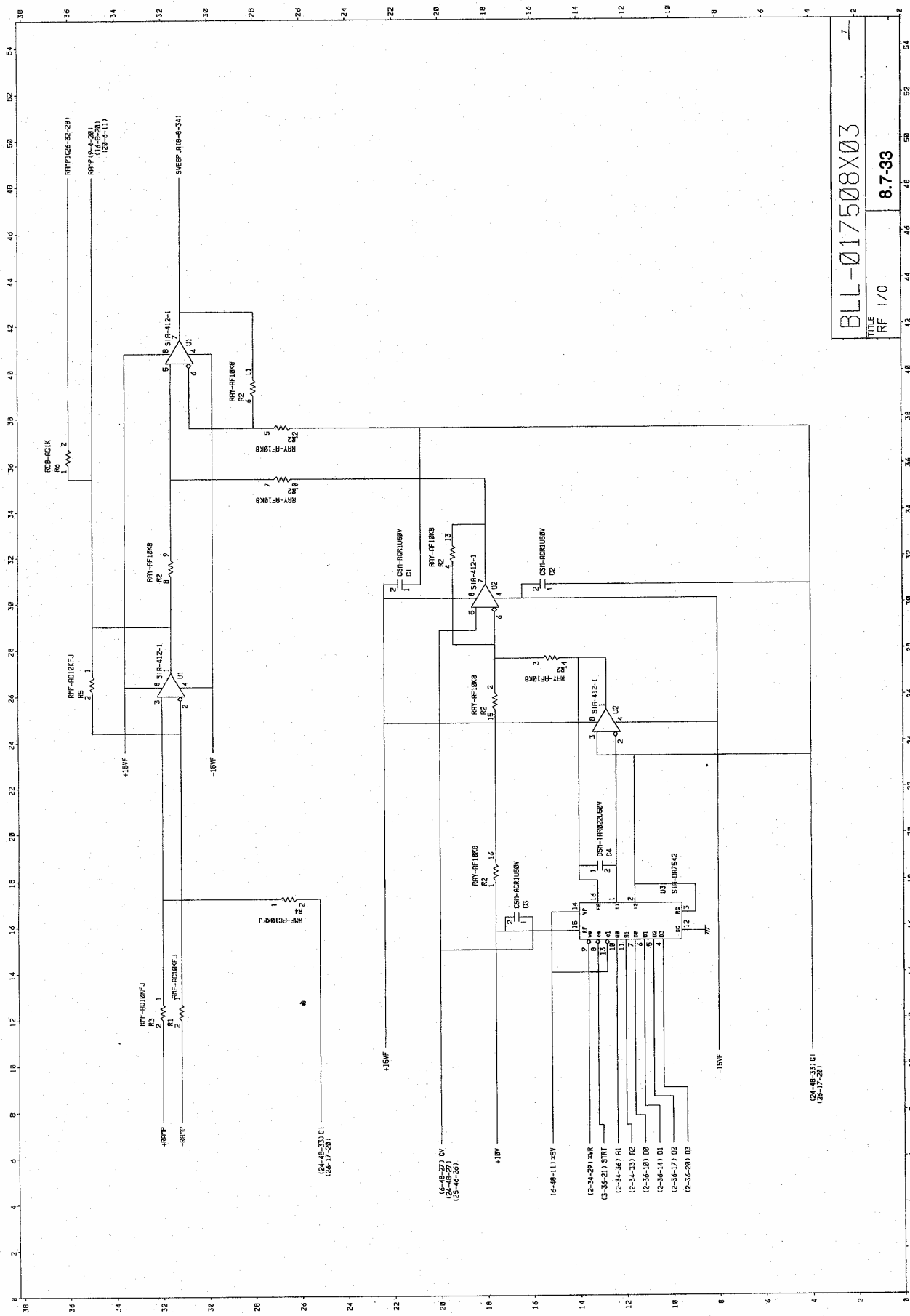
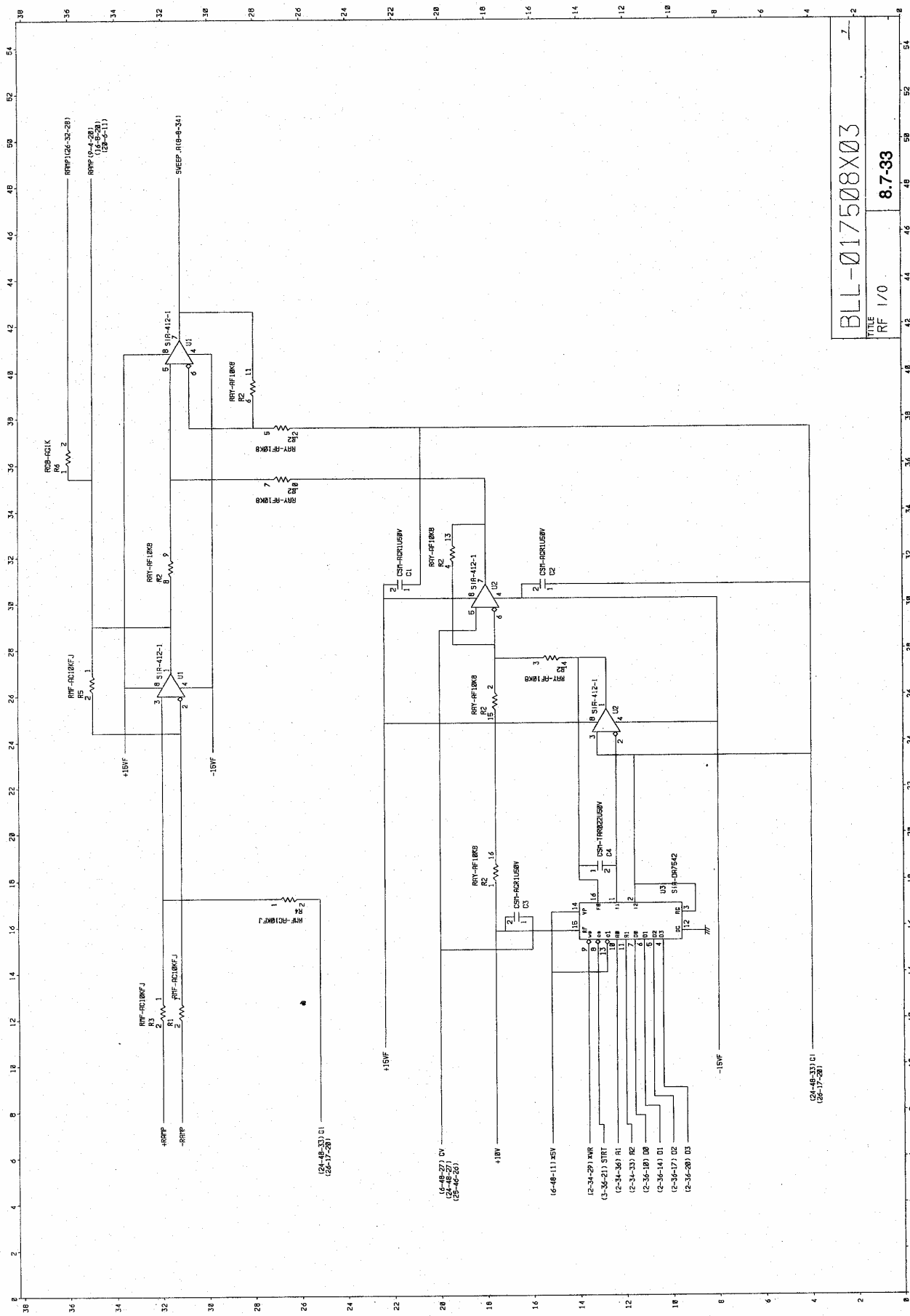
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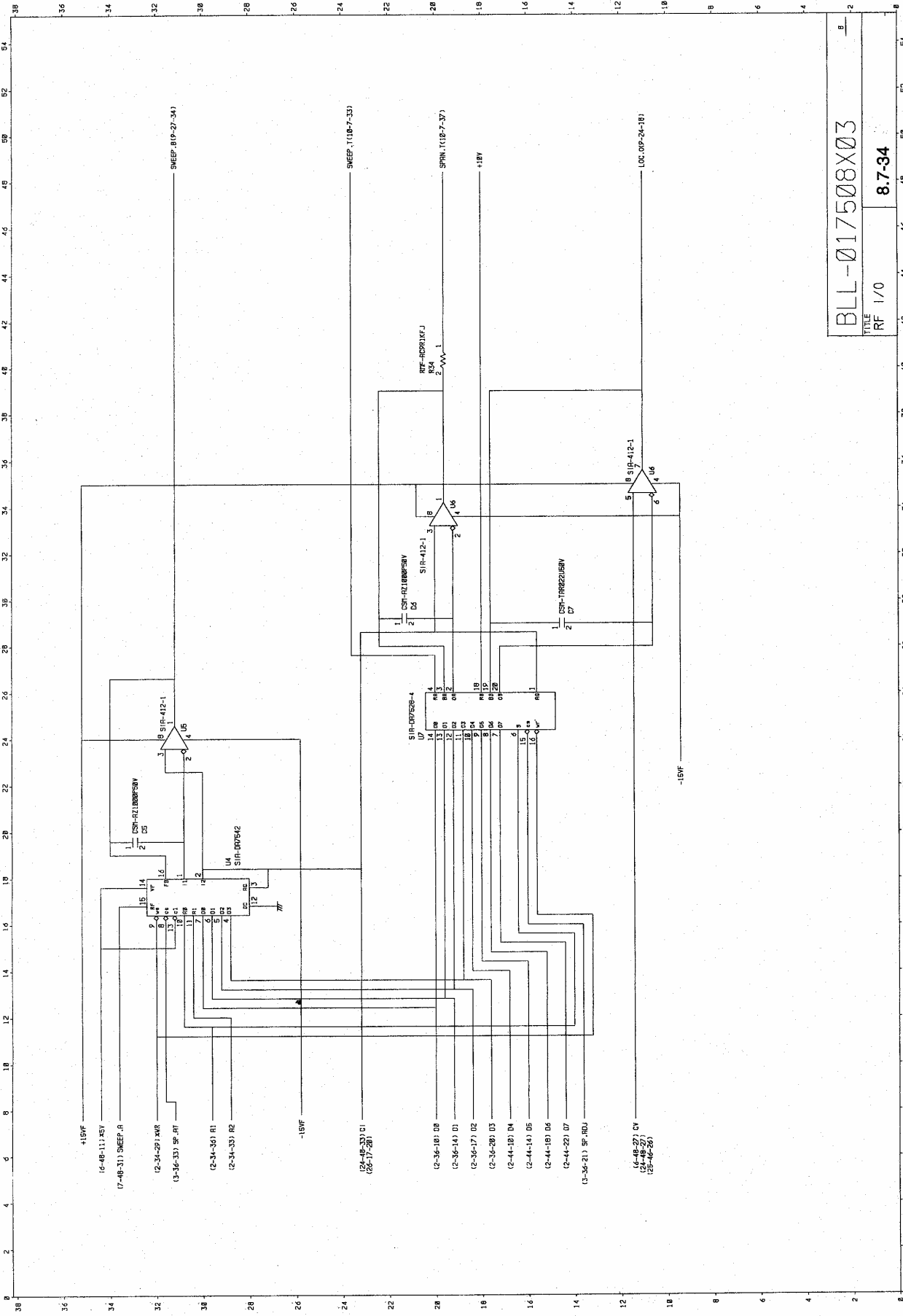


BLL-017508X03

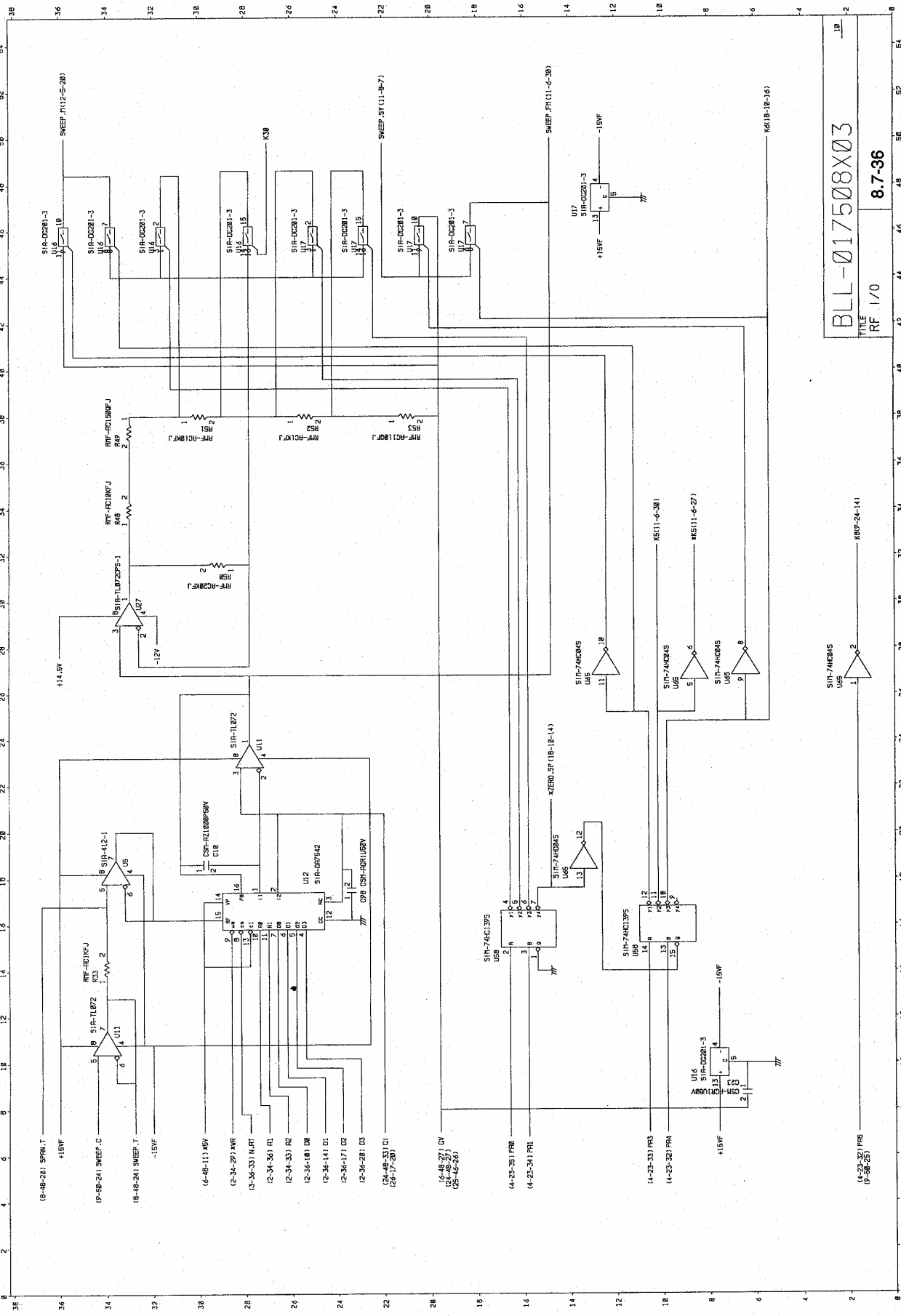
RF I/O

8.7-32





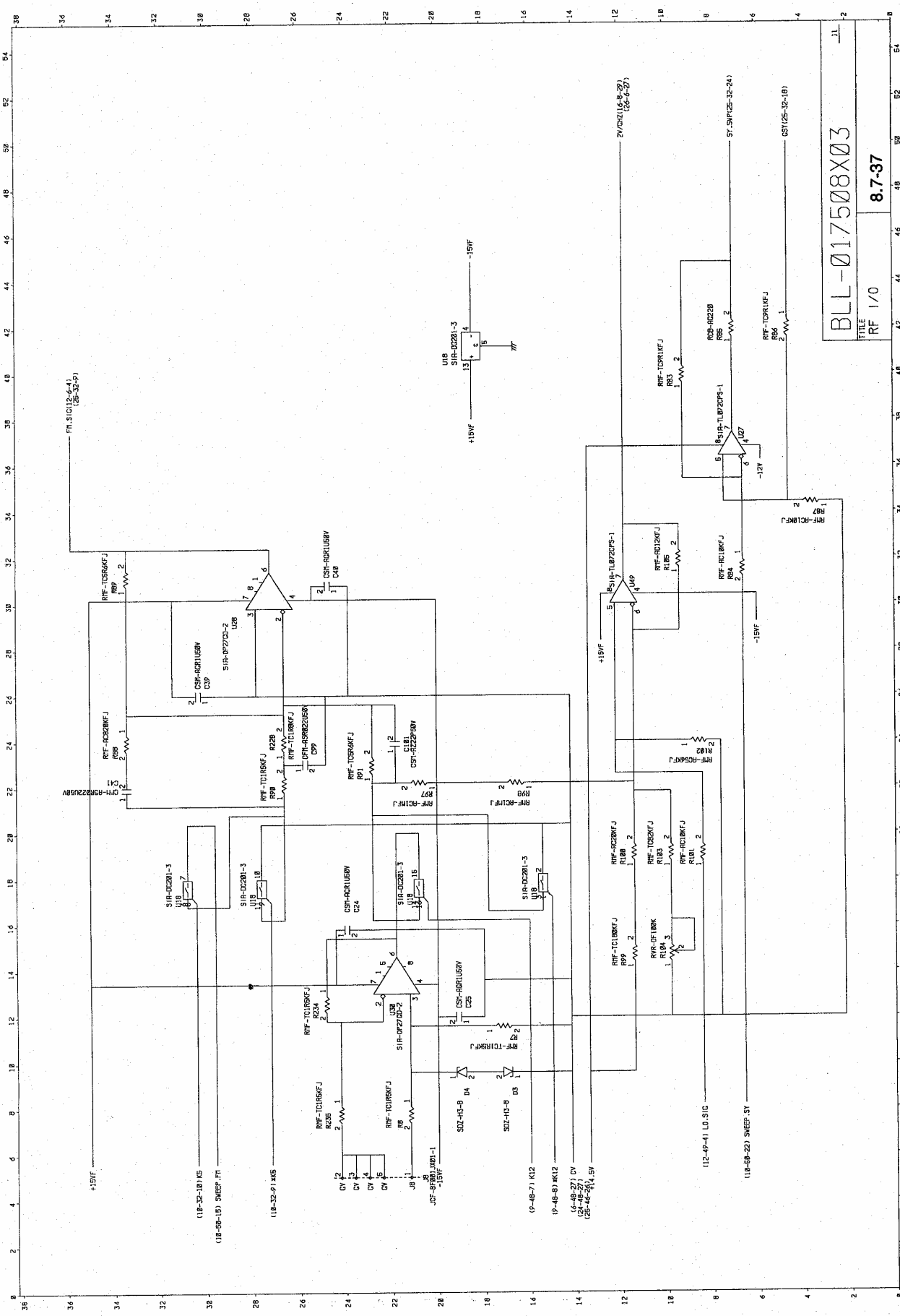
BLL-017508X03
RF 1/0
8.7-34



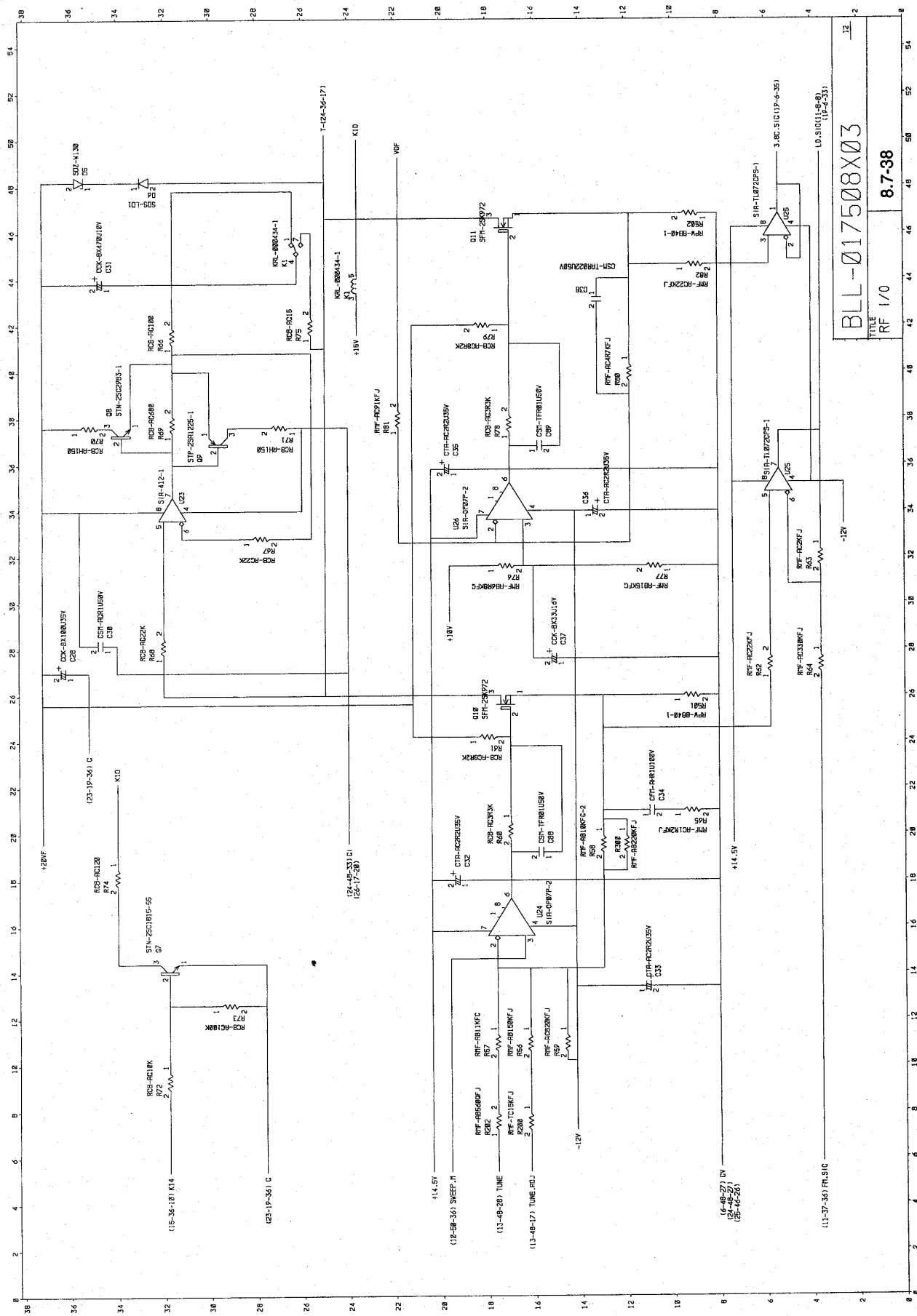
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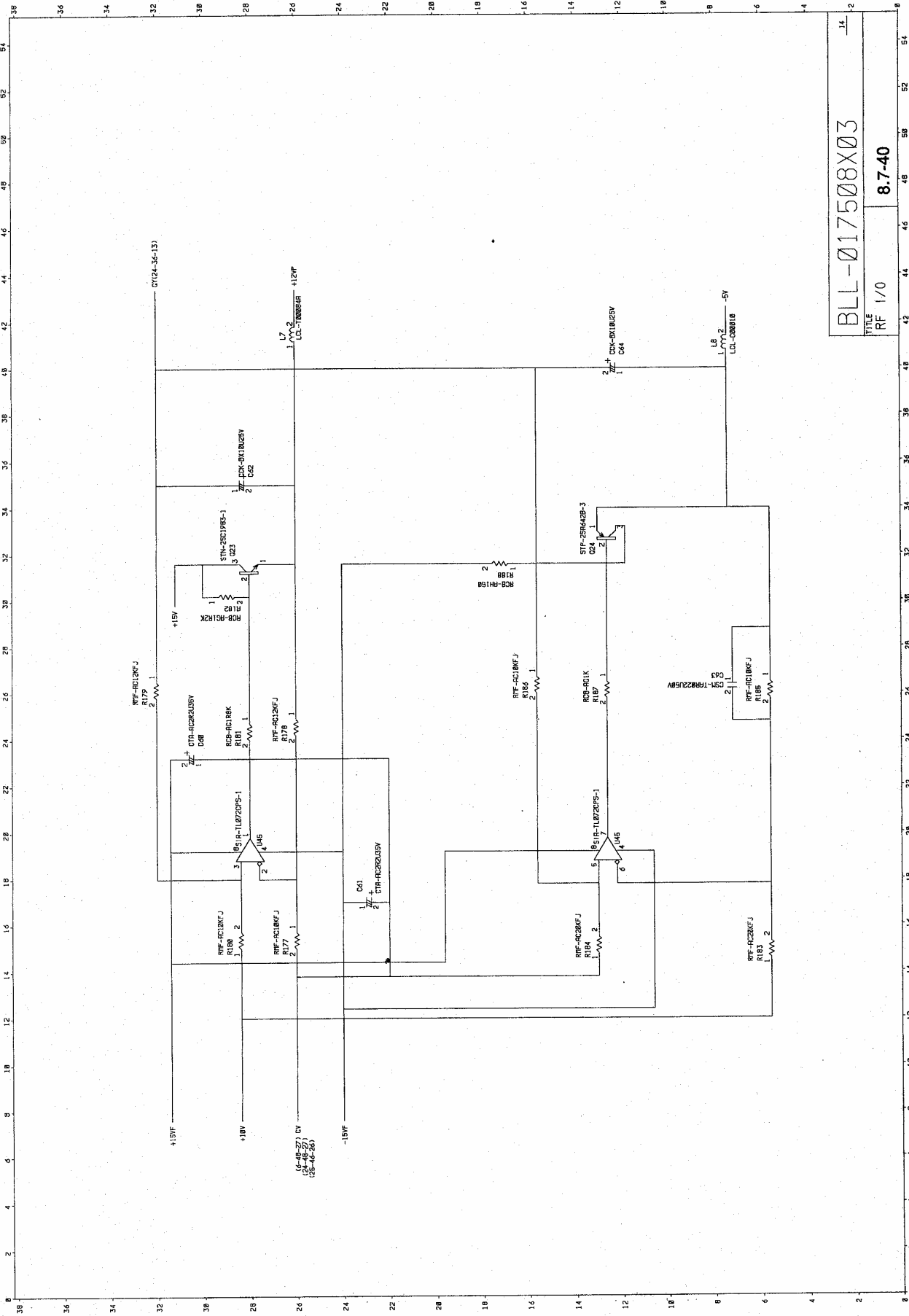
8.7-36

TITLE
RF I/O



BLL-017508X03	
TITLE	RF I/O
8.7-37	

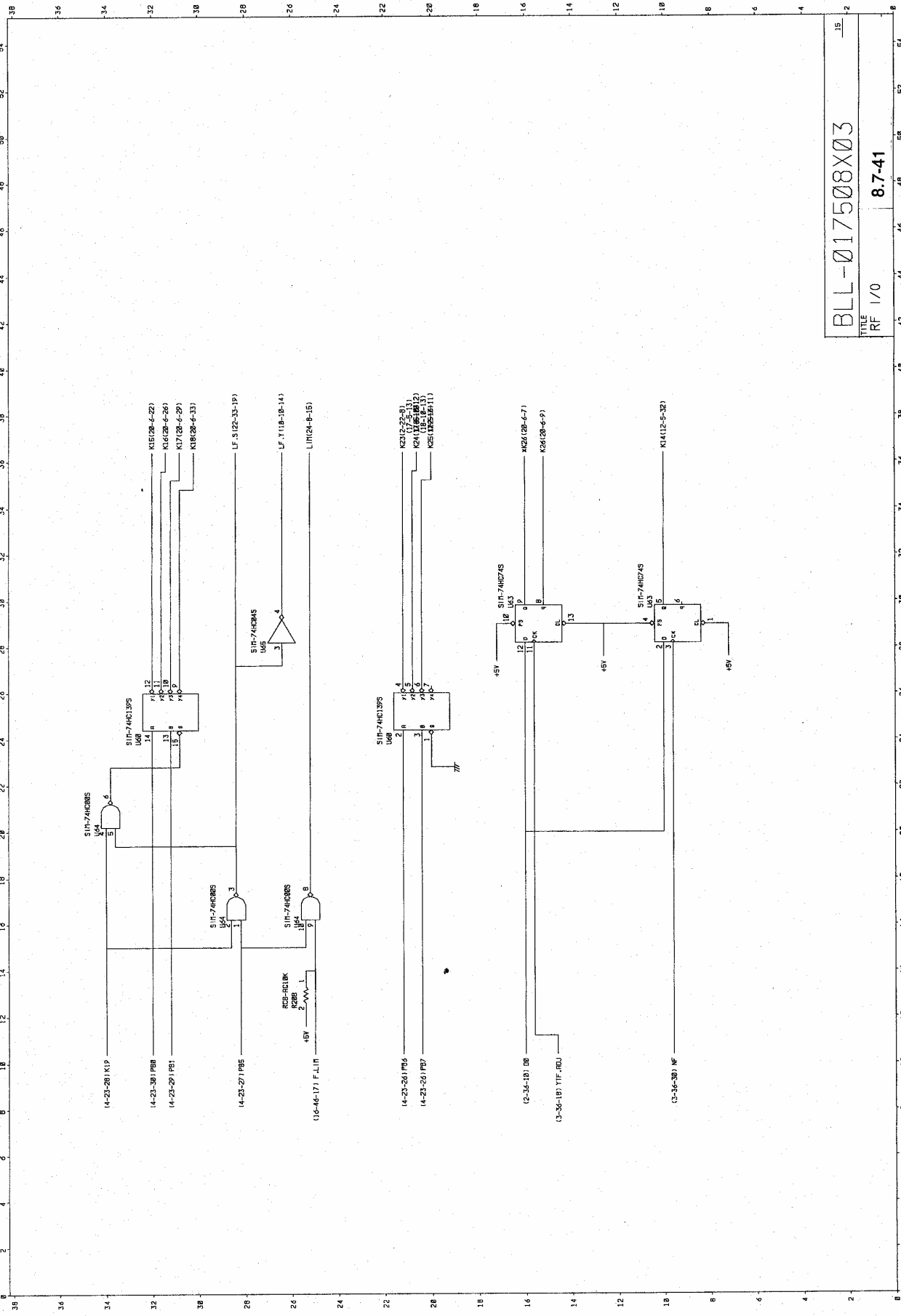




BLL-017508X03

TITLE RF I/O

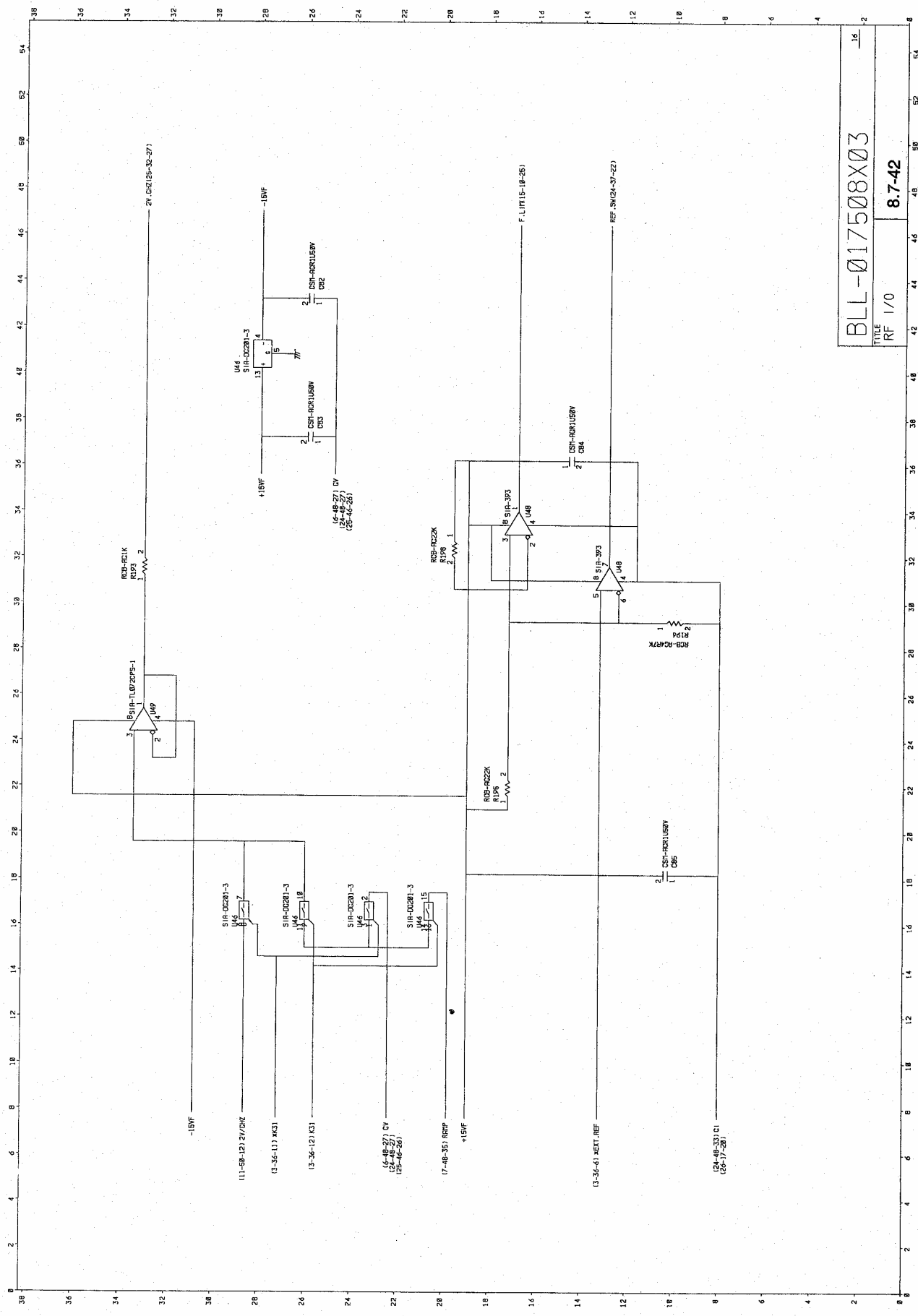
8.7-40



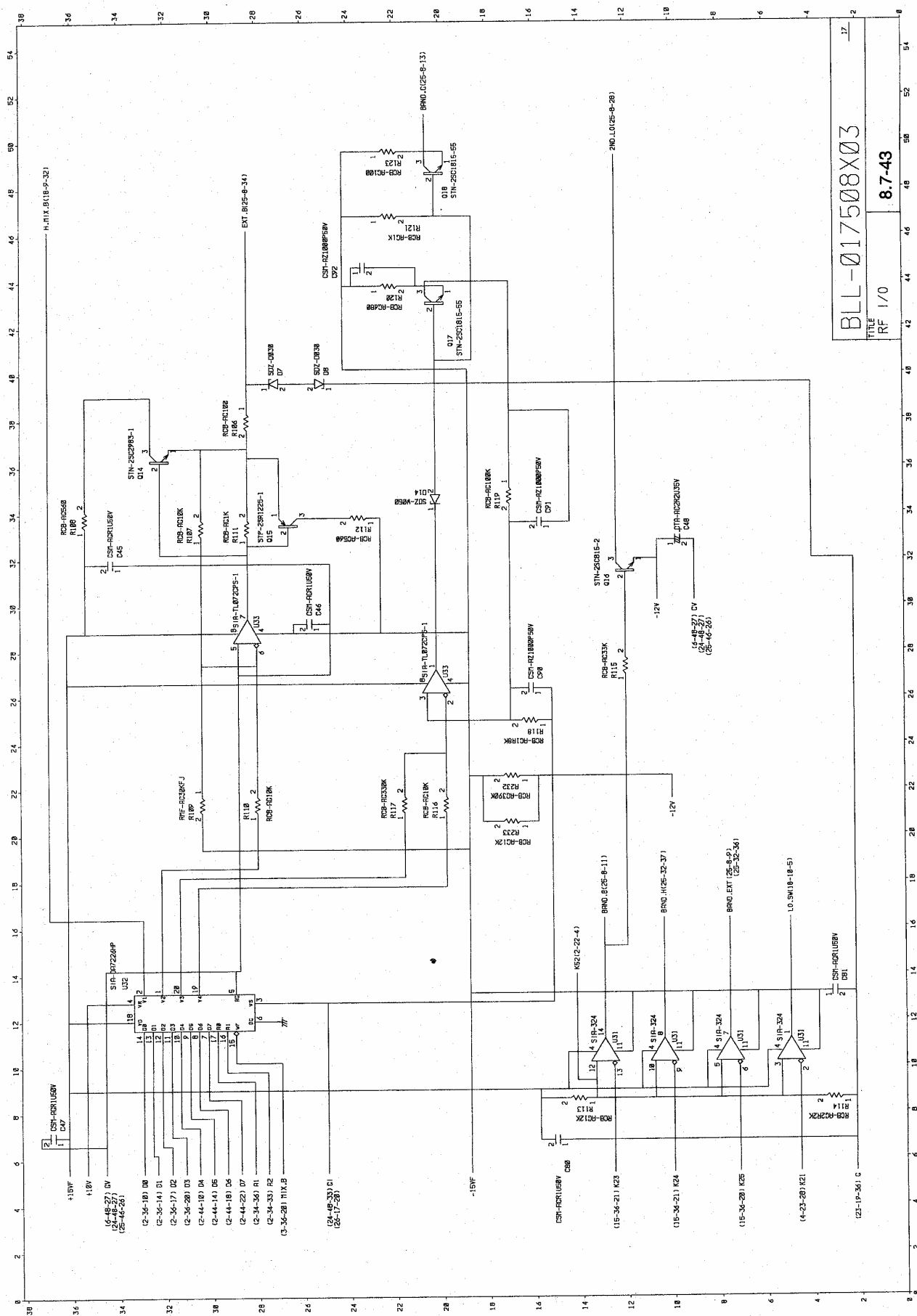
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TITLE
RF I/O

8.7-41



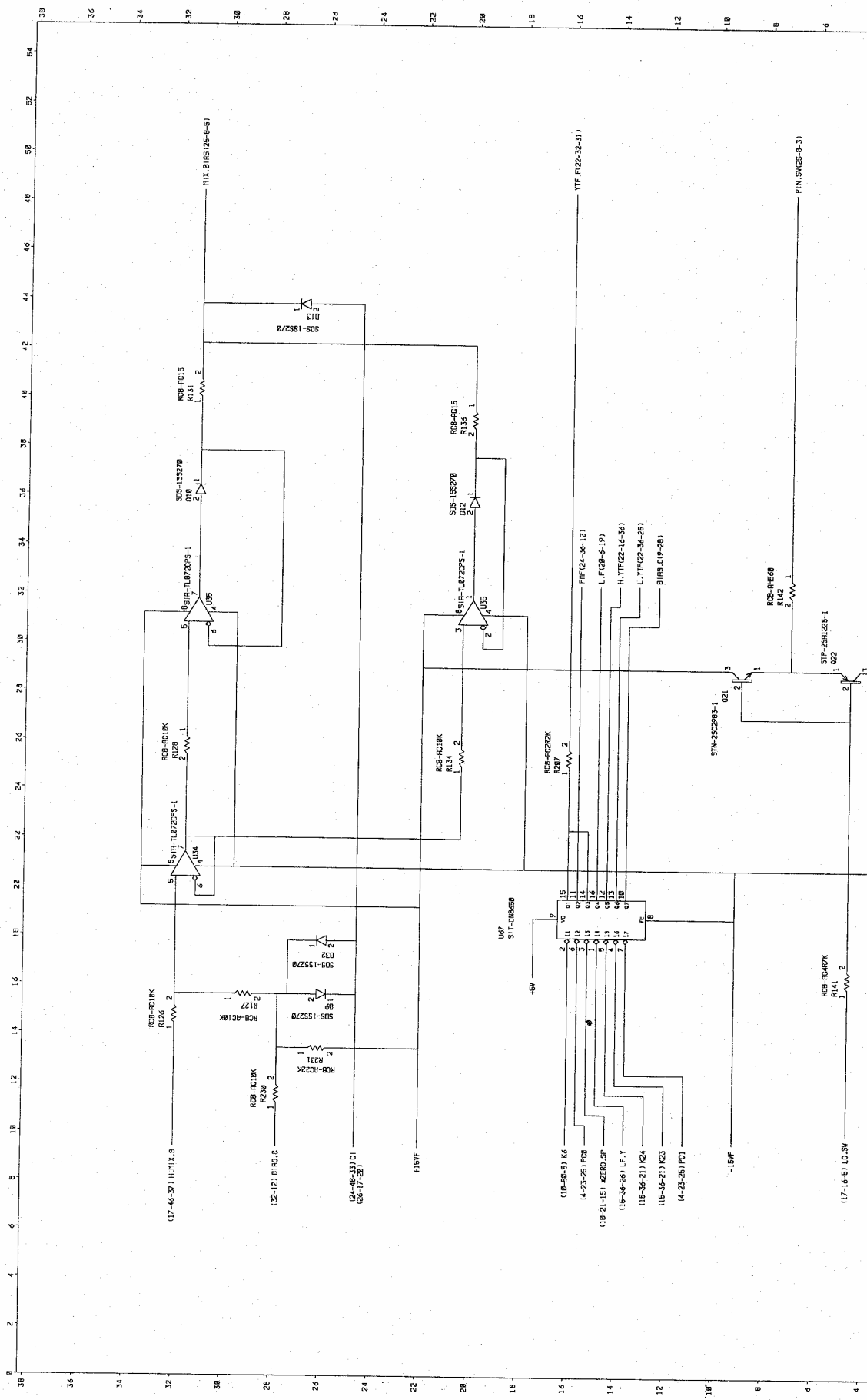
BLL-Ø17508X03
 TITLE RF I/O
 8.7.42



BLL-017508X03

TITLE
RF 1/0

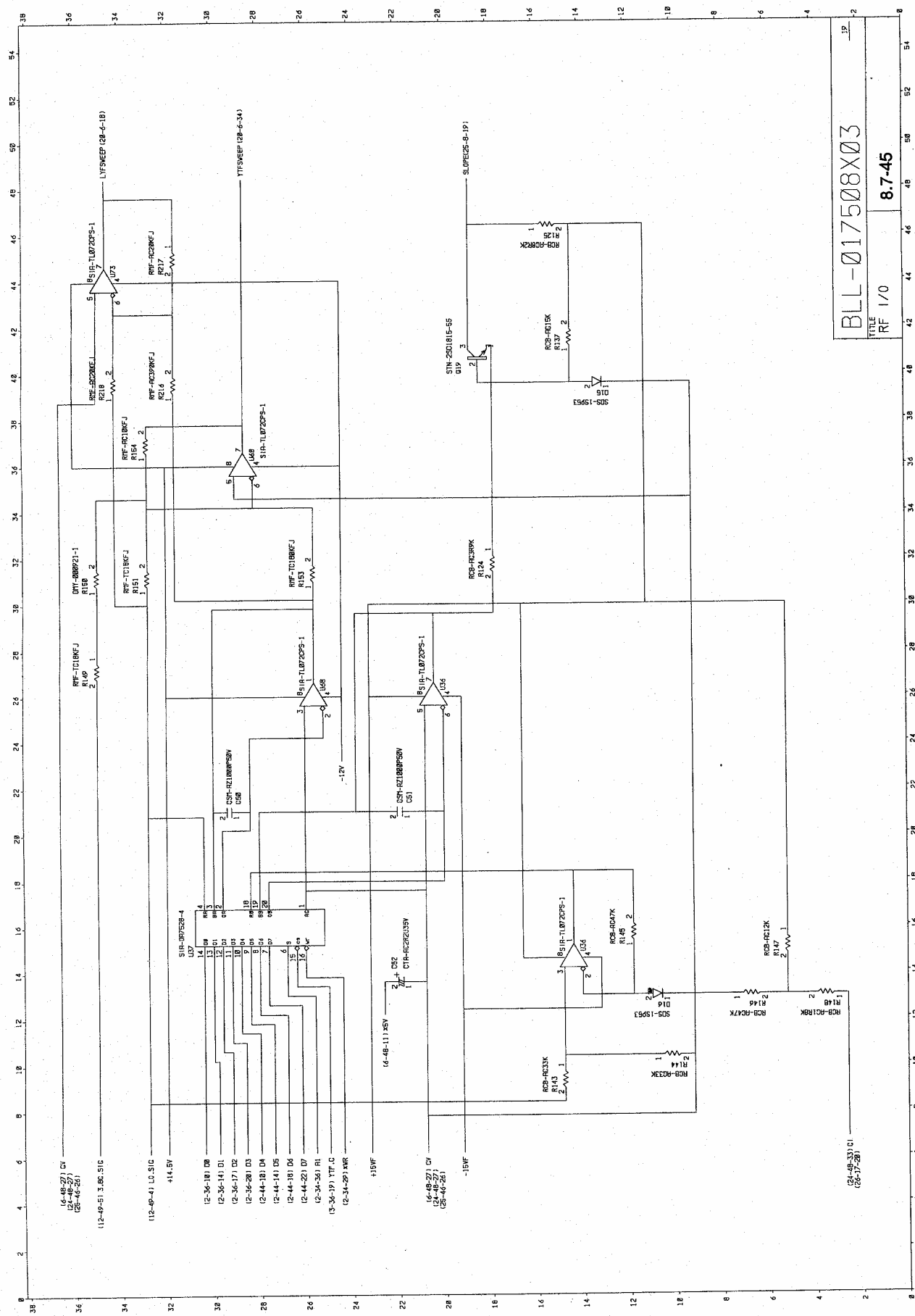
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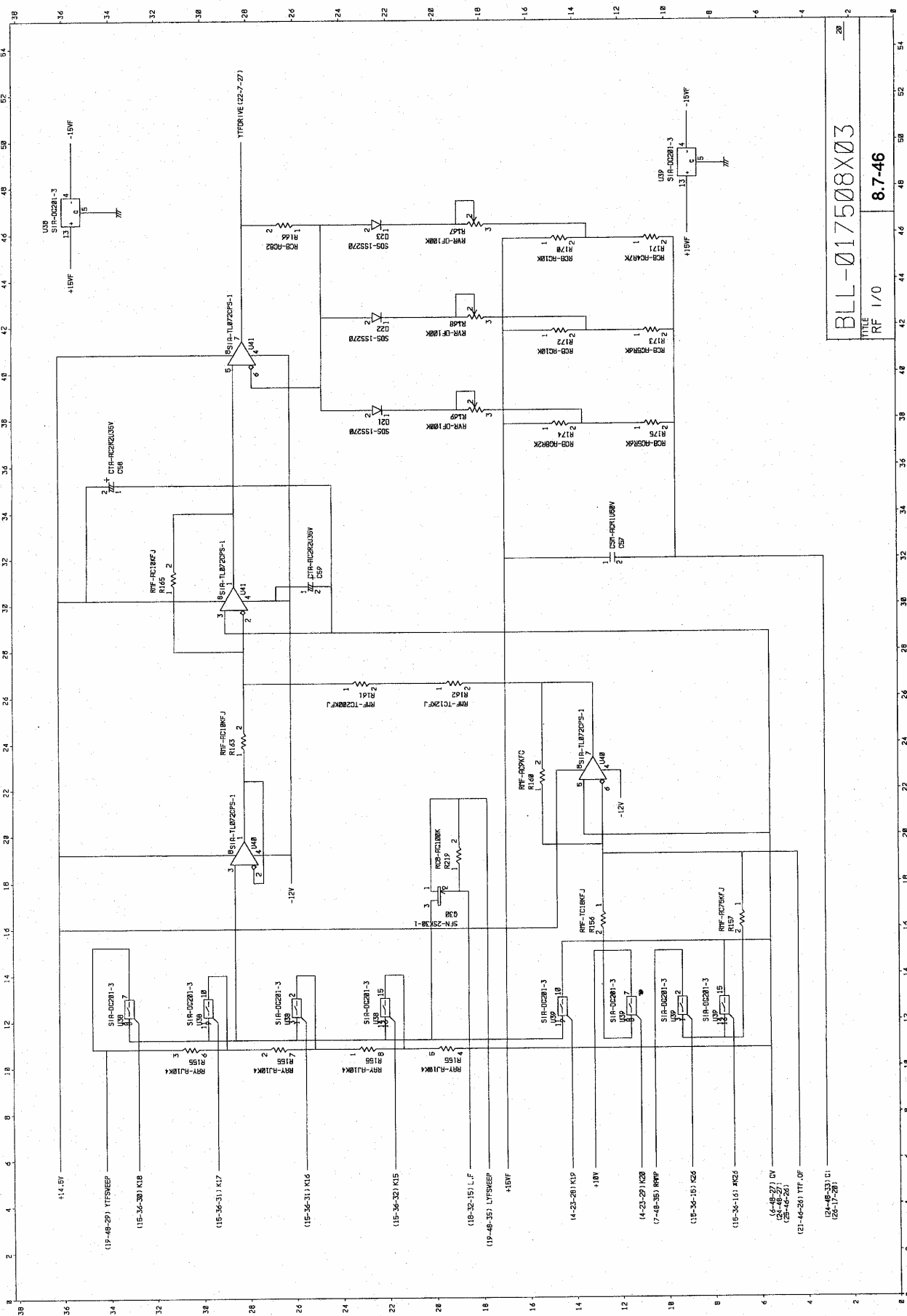


BLL-017508X03

RF I/O

8.744

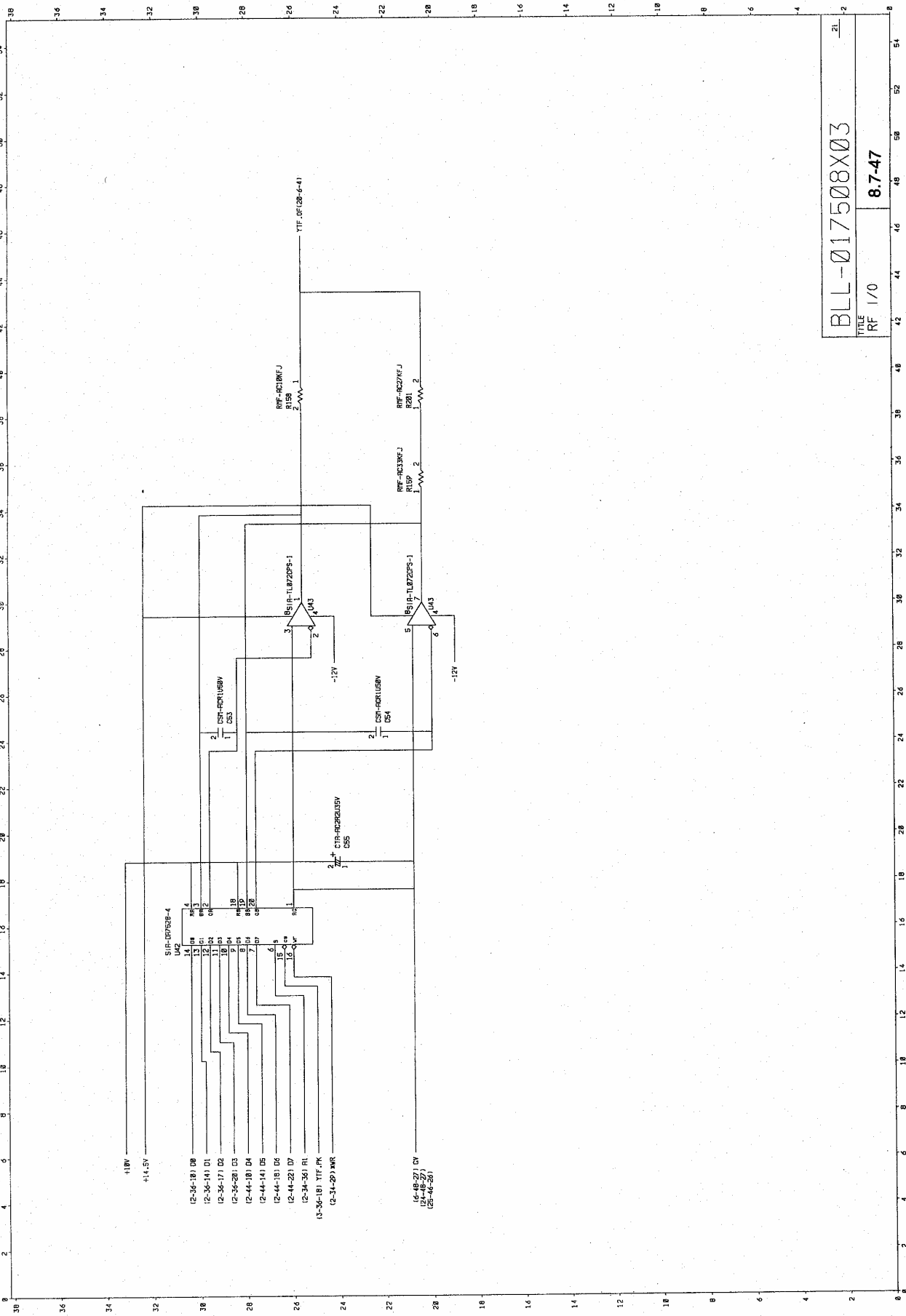




BLL-017508X03

TITLE
RF 1/0

8.7-46

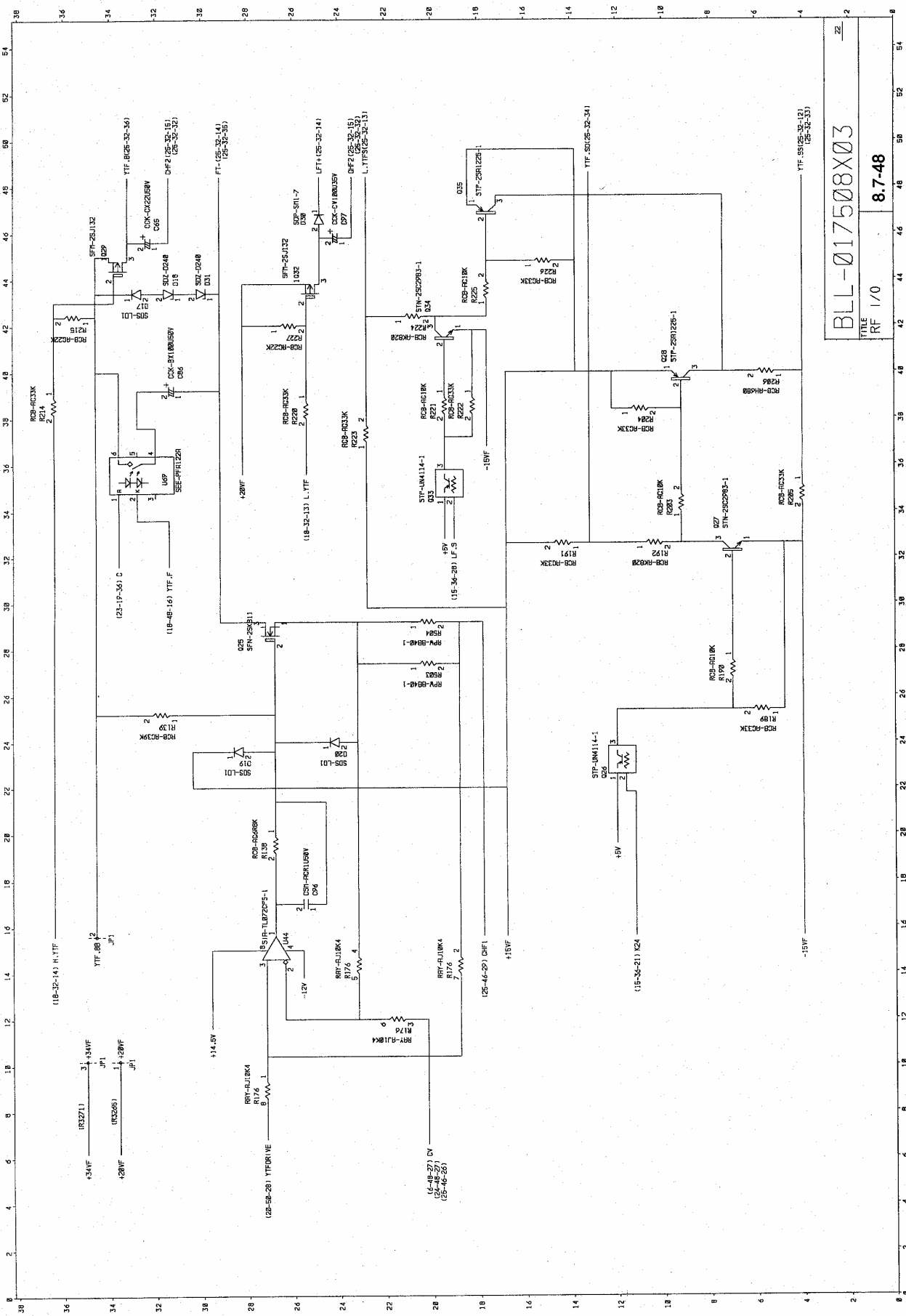


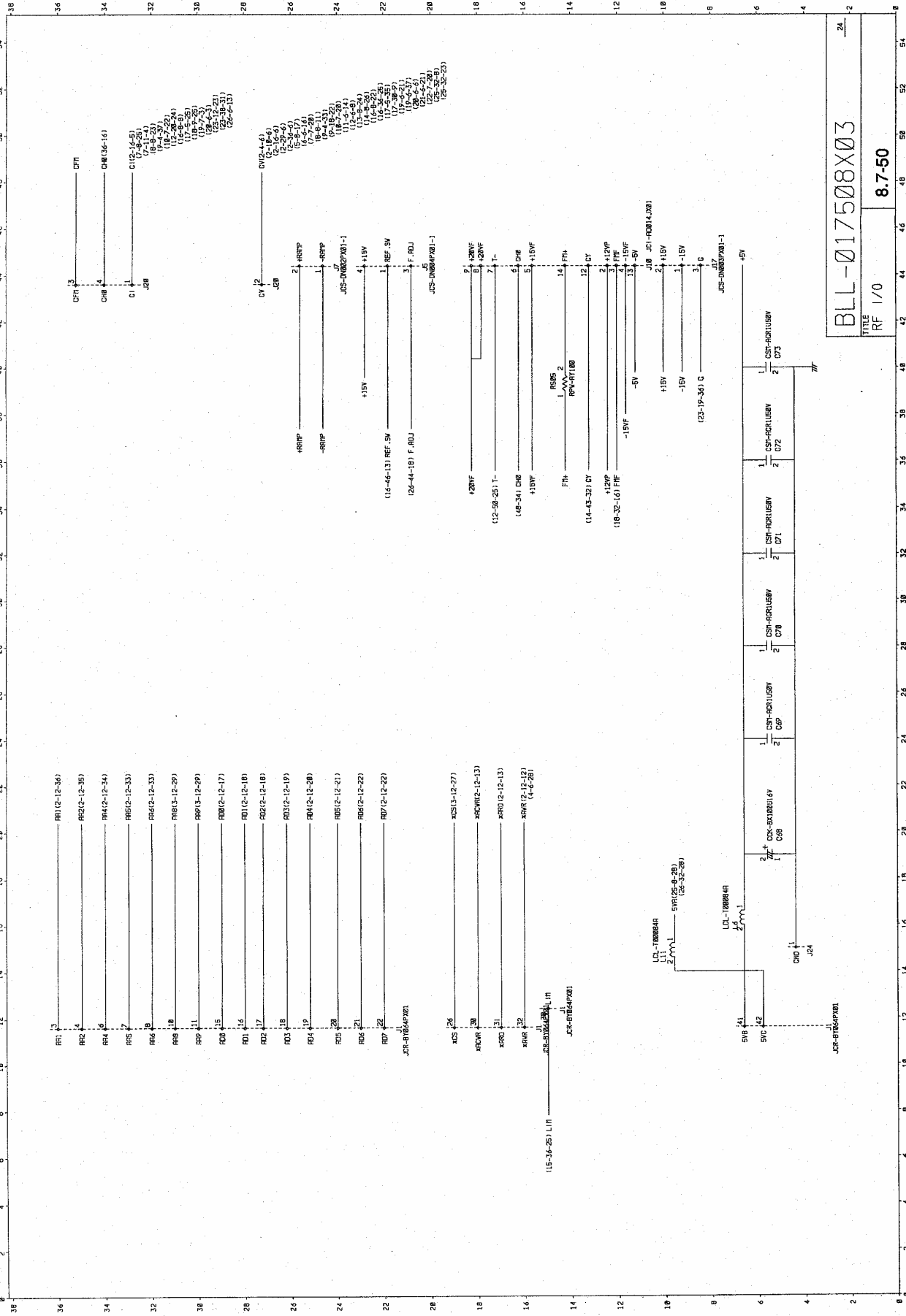
BLL-017508X03

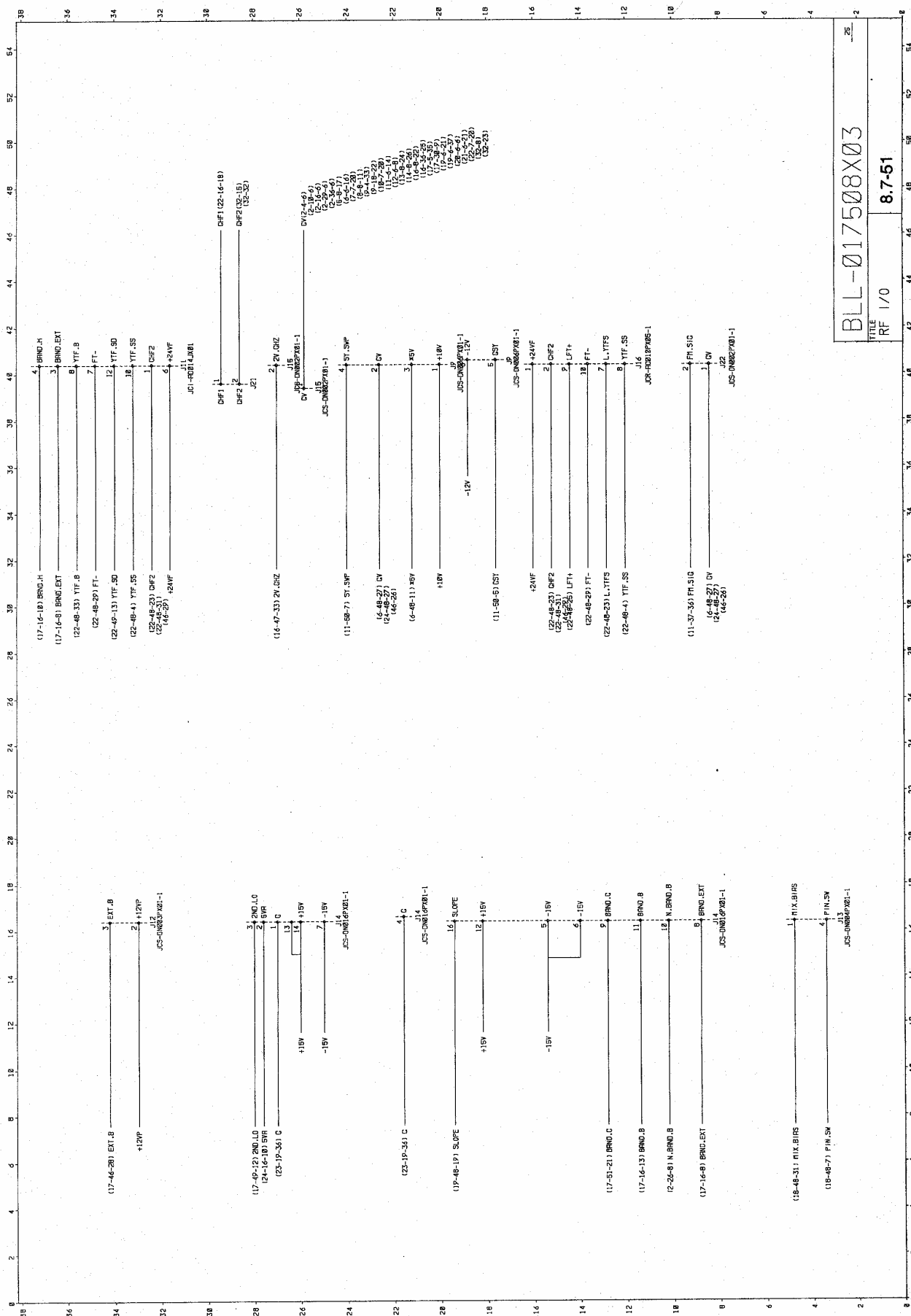
TITLE
RF I/O

8.7-47

21



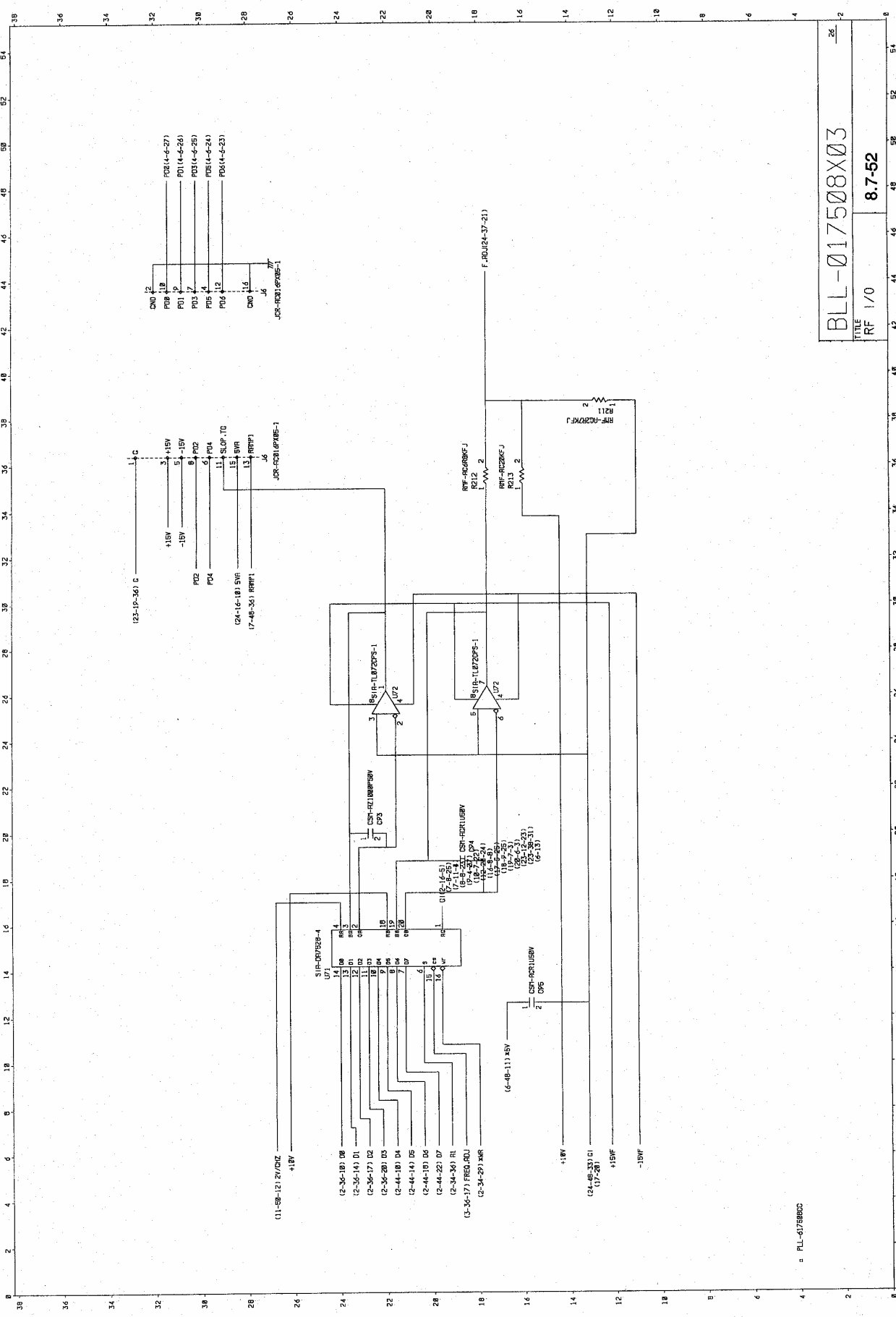




BLL-017508X03

TITLE
RF 1/0

8.7-51

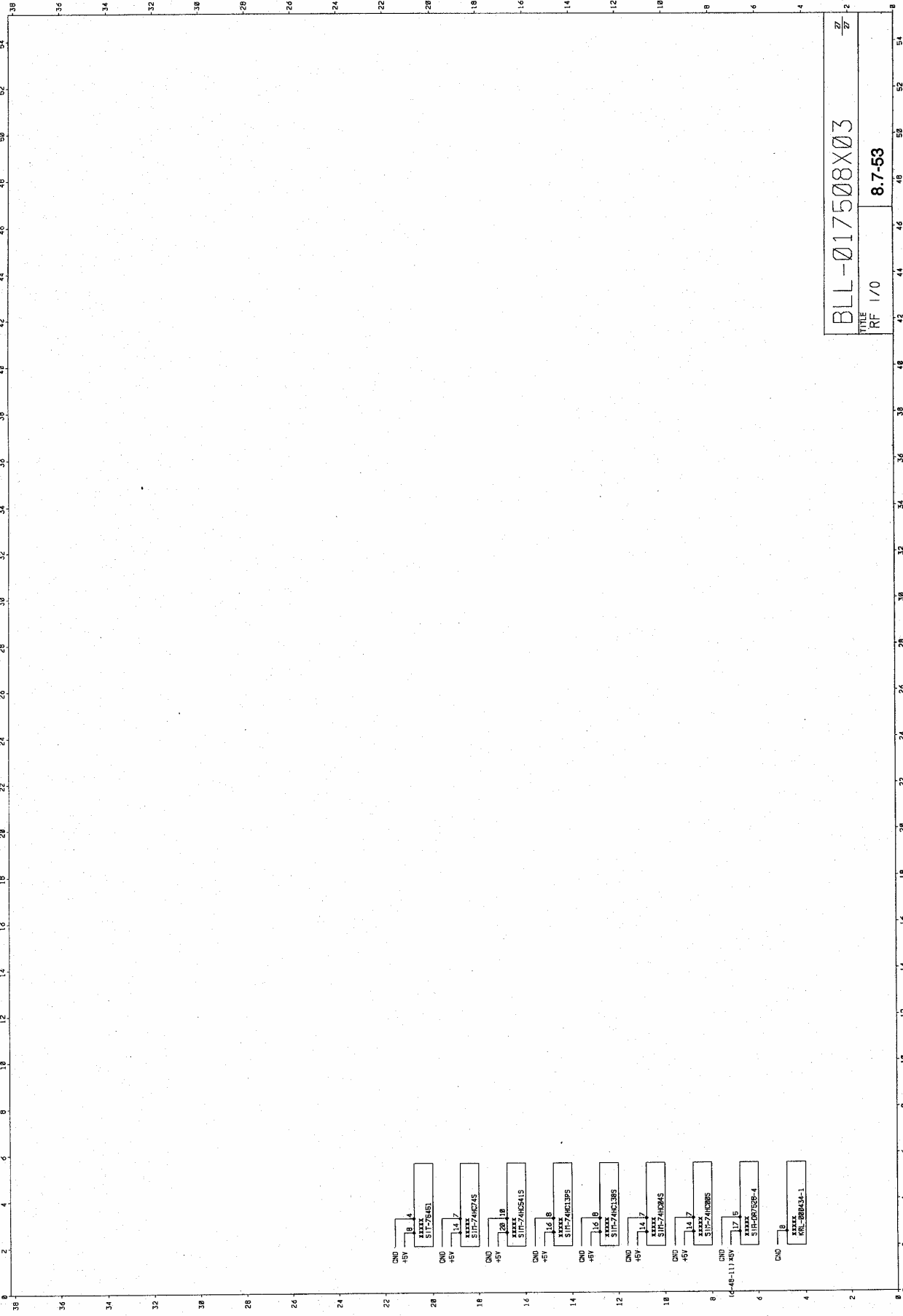


BLL-017508X03

8.7-52

TITLE
RF I/O

RL-61750802



END
+5V
8 4
XXXX
SIT-75451

END
+5V
14 7
XXXX
SIT-74H245

END
+5V
20 18
XXXX
SIT-74H25415

END
+5V
16 8
XXXX
SIT-74H21395

END
+5V
16 8
XXXX
SIT-74H21395

END
+5V
14 7
XXXX
SIT-74H245

END
+5V
14 7
XXXX
SIT-74H245

END
+5V
17 5
XXXX
SIT-0752B-4

END
8
XXXX
KRL-800434-1

BLL-017508X03

TITLE
RF 1/0

8.7-53

27
27

1. DRAWING DIRECTORY

NAME	PRICE	DRG. NO.
SIGNAL LIST		CS-017599100
PARTS LIST		CS-017599200
CIRCUIT DRAWING		CS-017599300
1		CS-017599400
2		CS-017599500
3		CS-017599600
4		CS-017599700
5		CS-017599800
6		CS-017599900
7		CS-017600000
8		CS-017600100
9		CS-017600200
10		CS-017600300
11		CS-017600400
12		CS-017600500
13		CS-017600600
14		CS-017600700
15		CS-017600800
16		CS-017600900
17		CS-017601000
18		CS-017601100
19		CS-017601200
20		CS-017601300
21		CS-017601400
22		CS-017601500
23		CS-017601600
24		CS-017601700
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27		CS-017602000

2. DIAGRAMS ILLUSTRATION

2-1 SYMBOLS REFERENCE DESIGNATORS

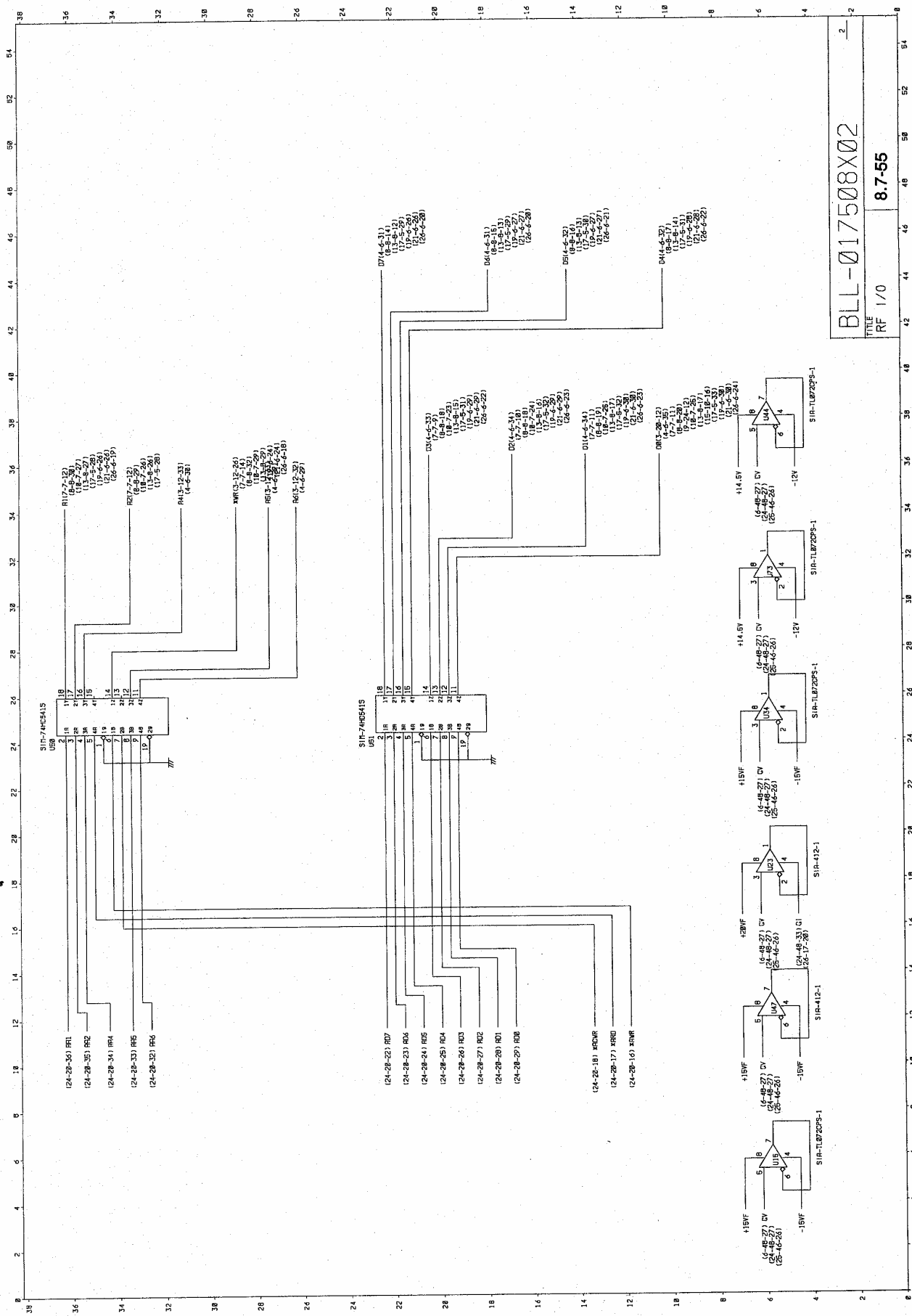
- 1) IC PIN NAME (PIN-NAME OF NEGATIVE LOGIC ARE DISPLAYED BY SMALL LETTER)

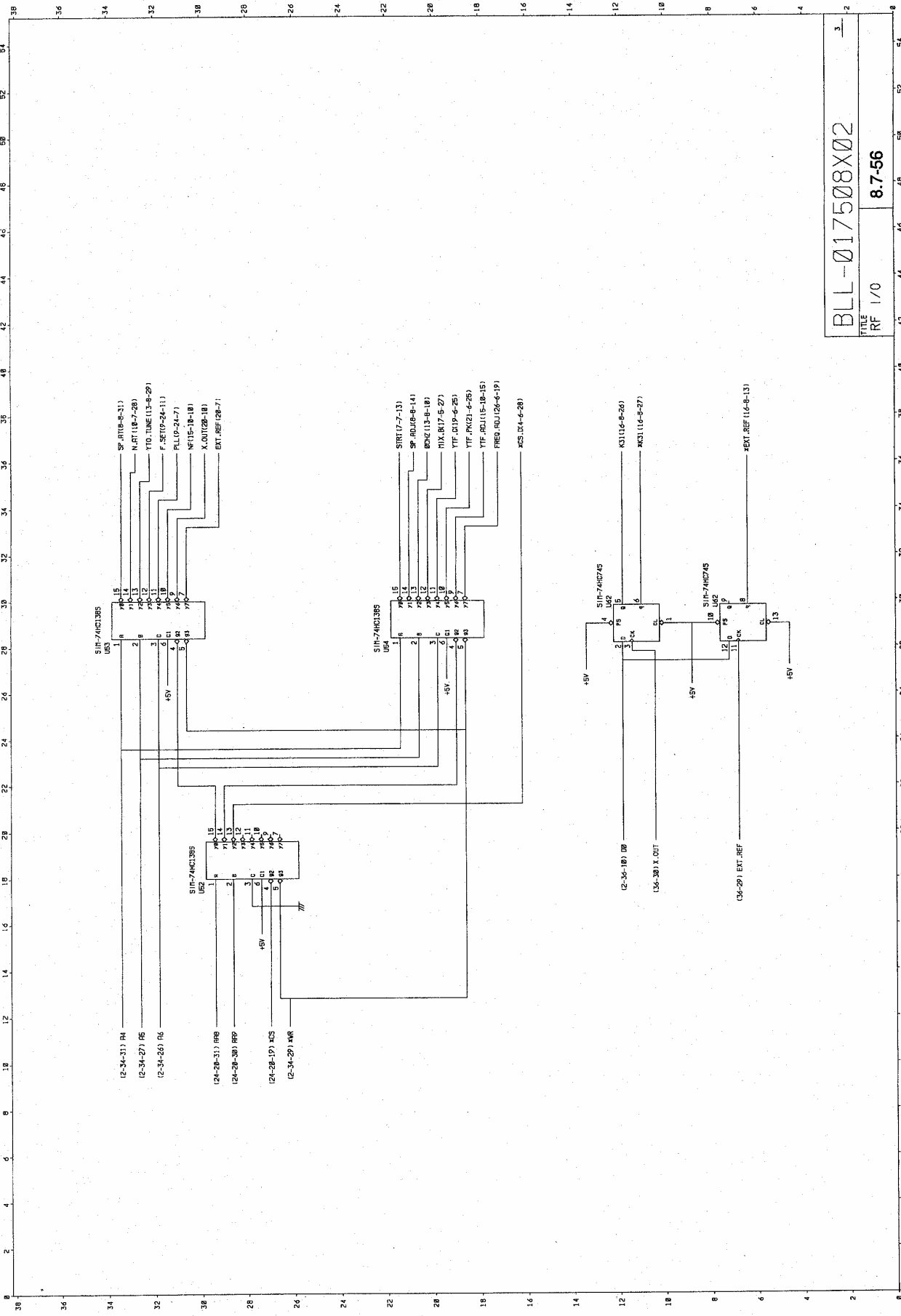


BLL-017508X02

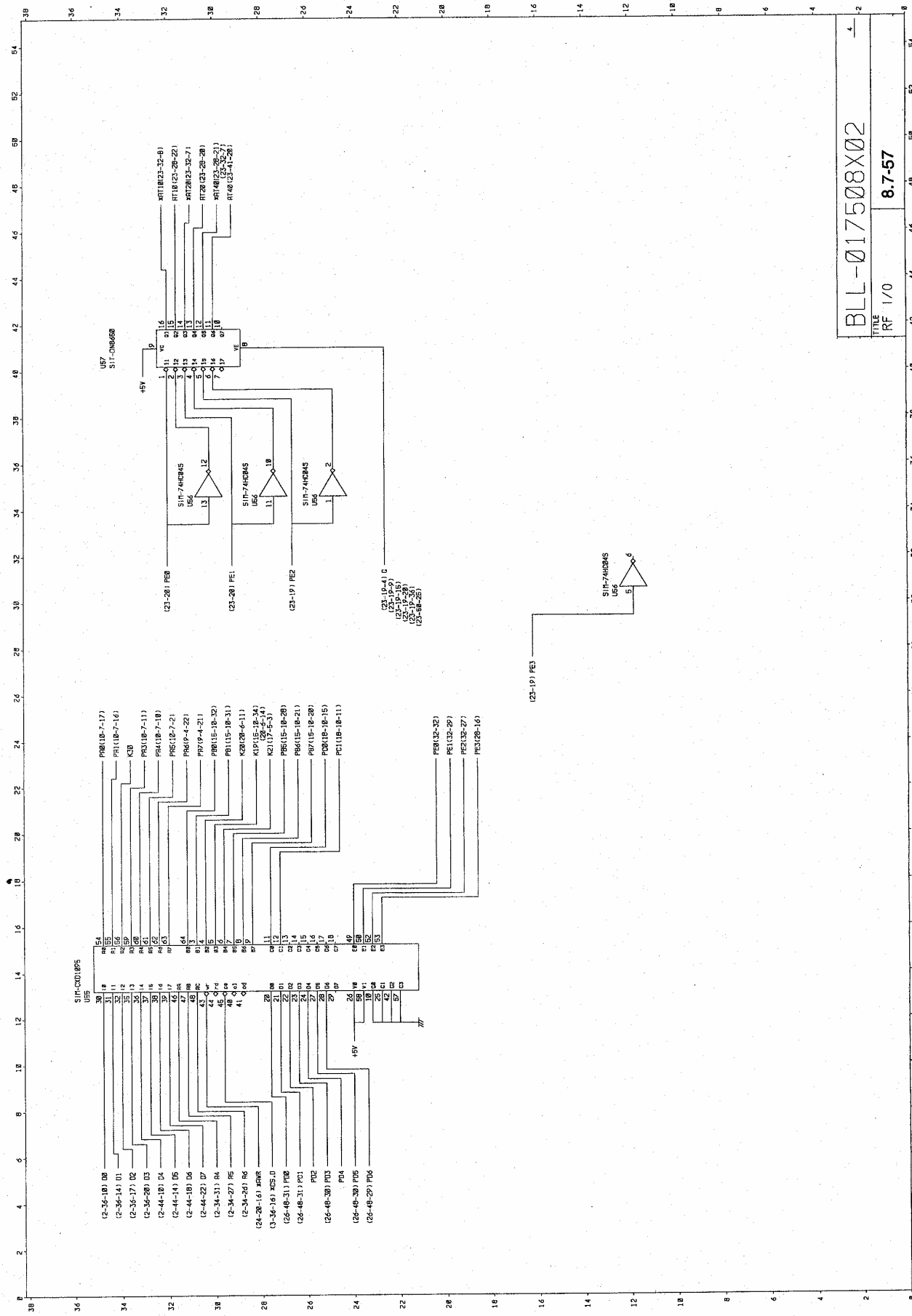
TITLE
RF I/O

8.7-54





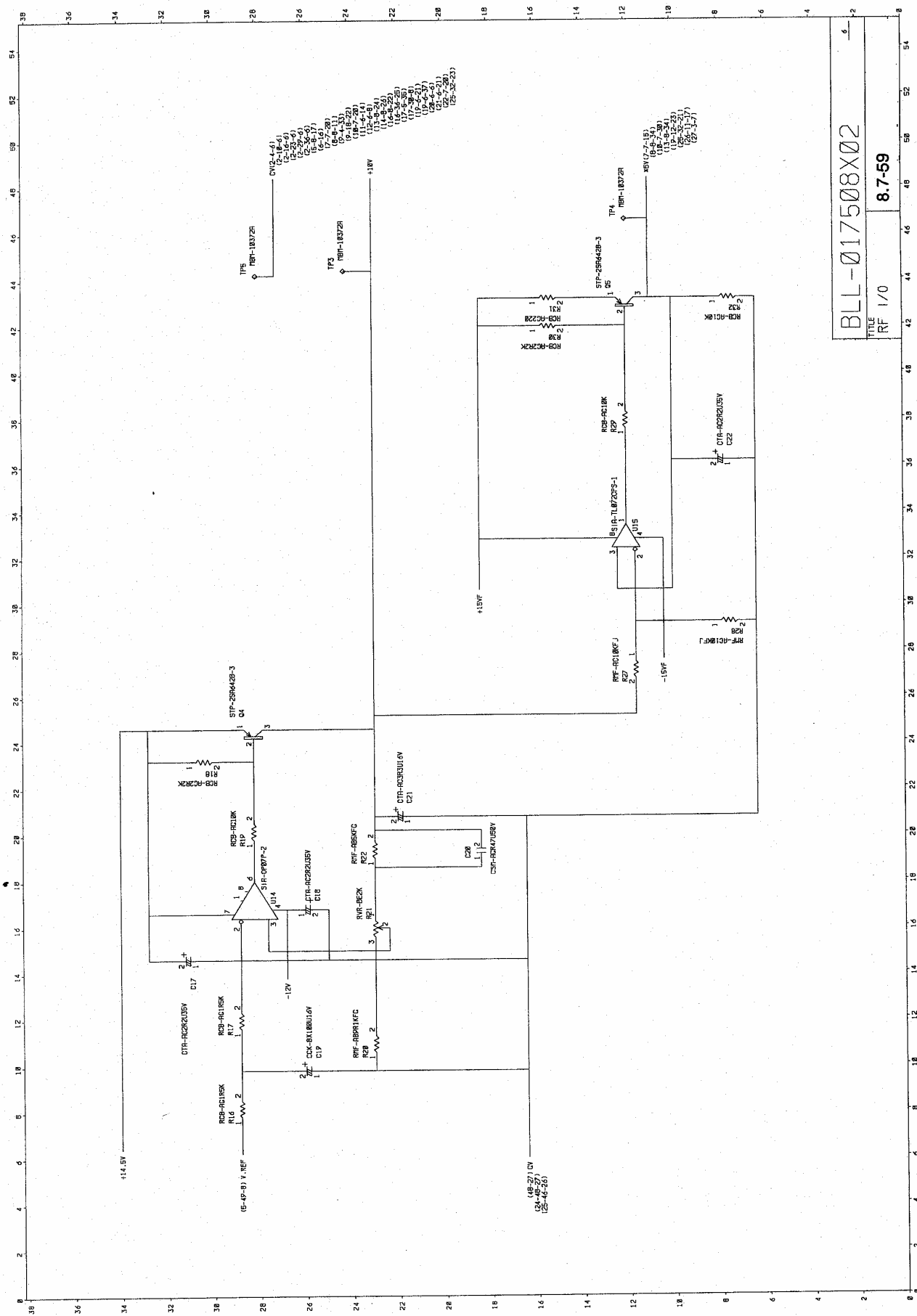
BLL-017508X02		3
TITLE	RF I/O	8.7-56

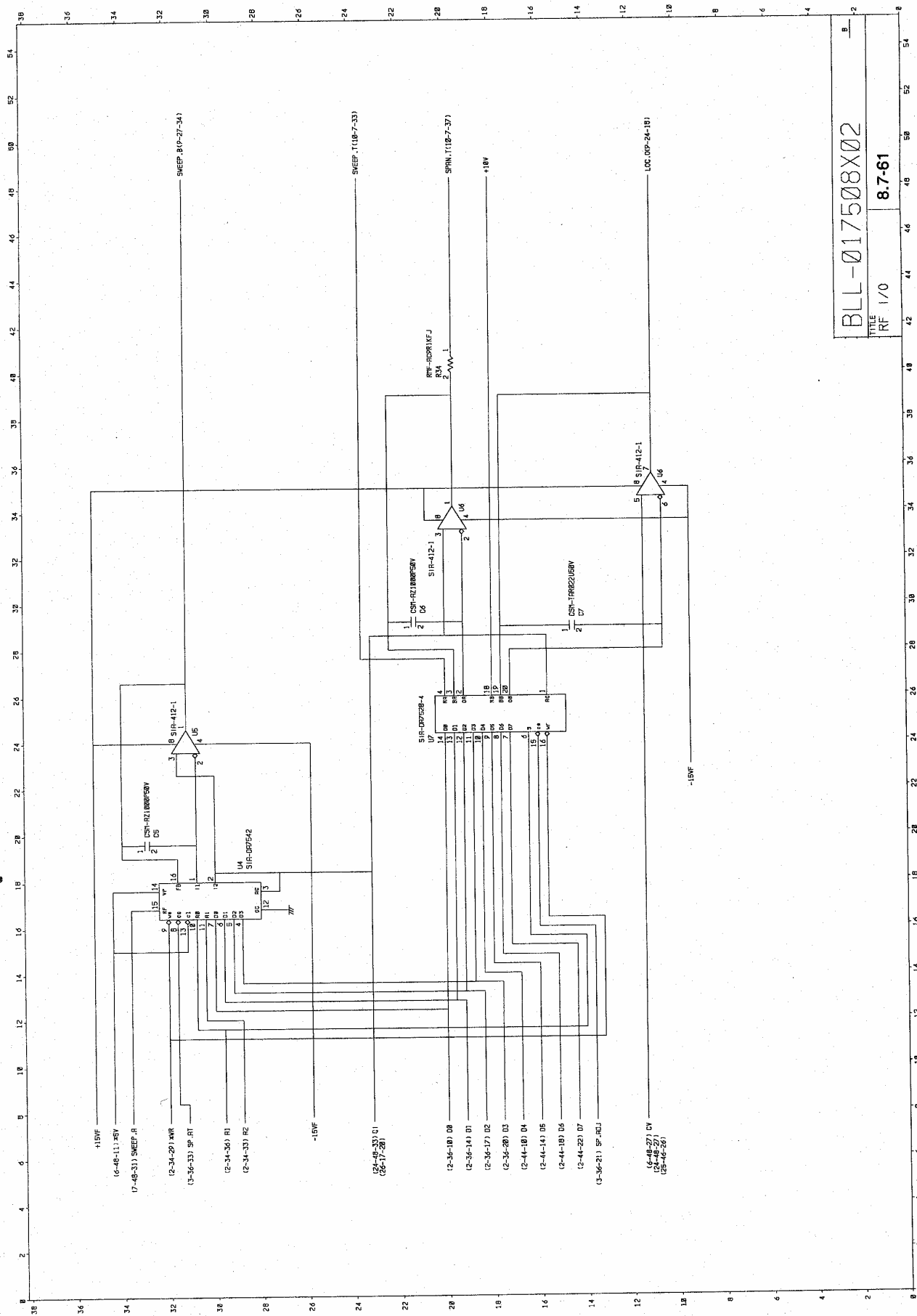


BLL-017508X02

RF 1/0

8.7-57

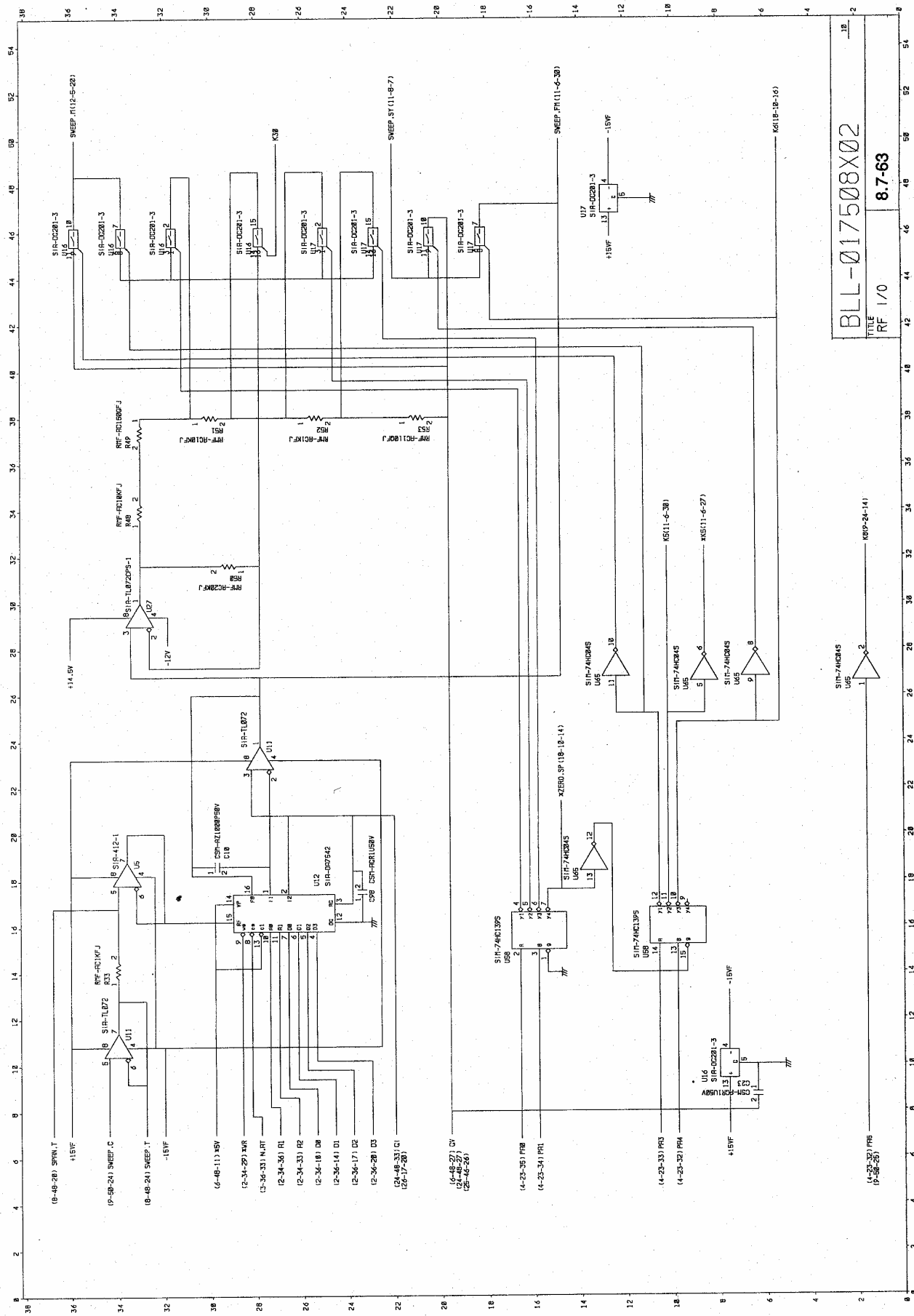




BLL-017508X02

8.7-61

TITLE
RF I/O



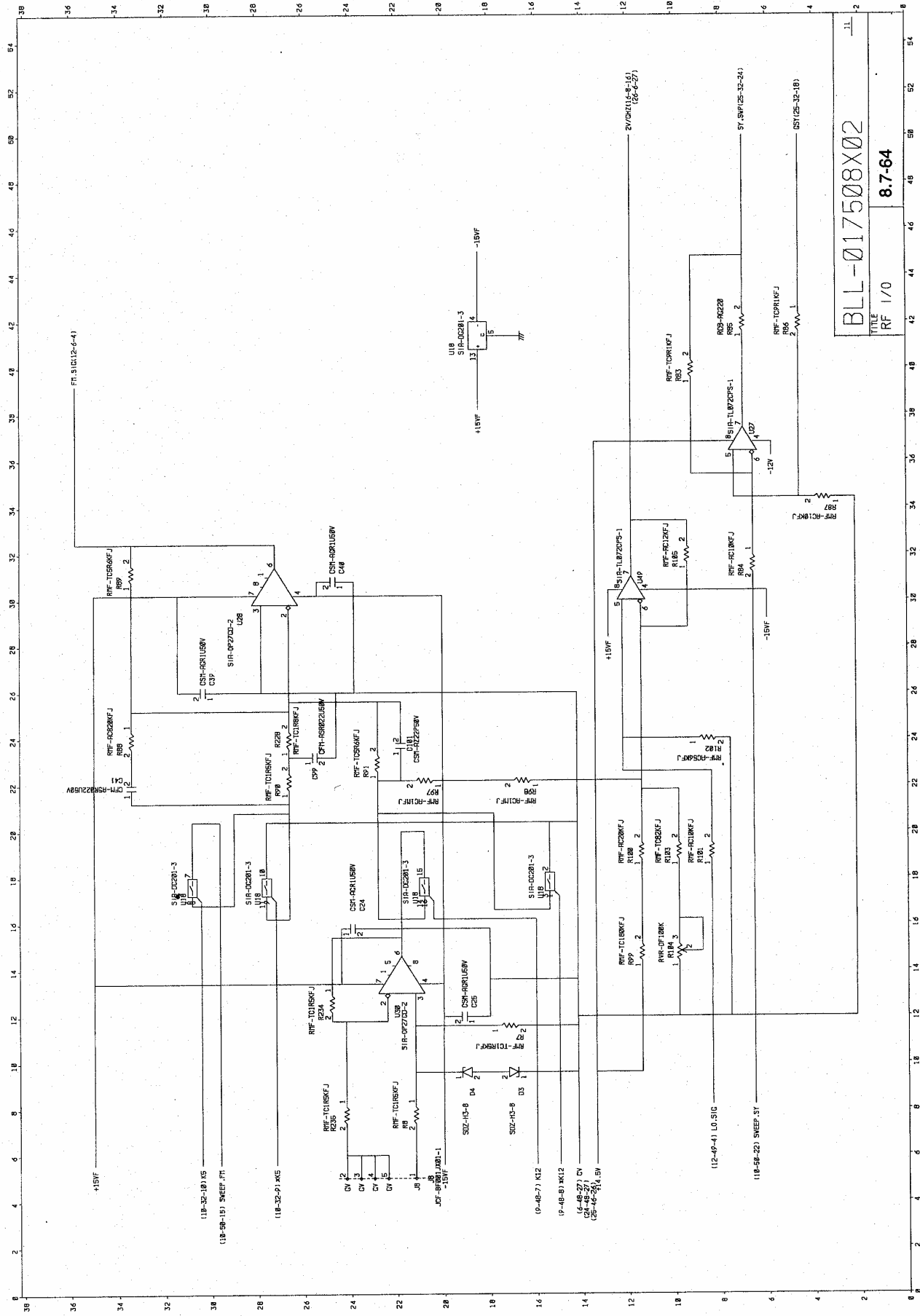
BLL-017508X02

8.7-63

TITLE
RF 1/0

REF-24-141

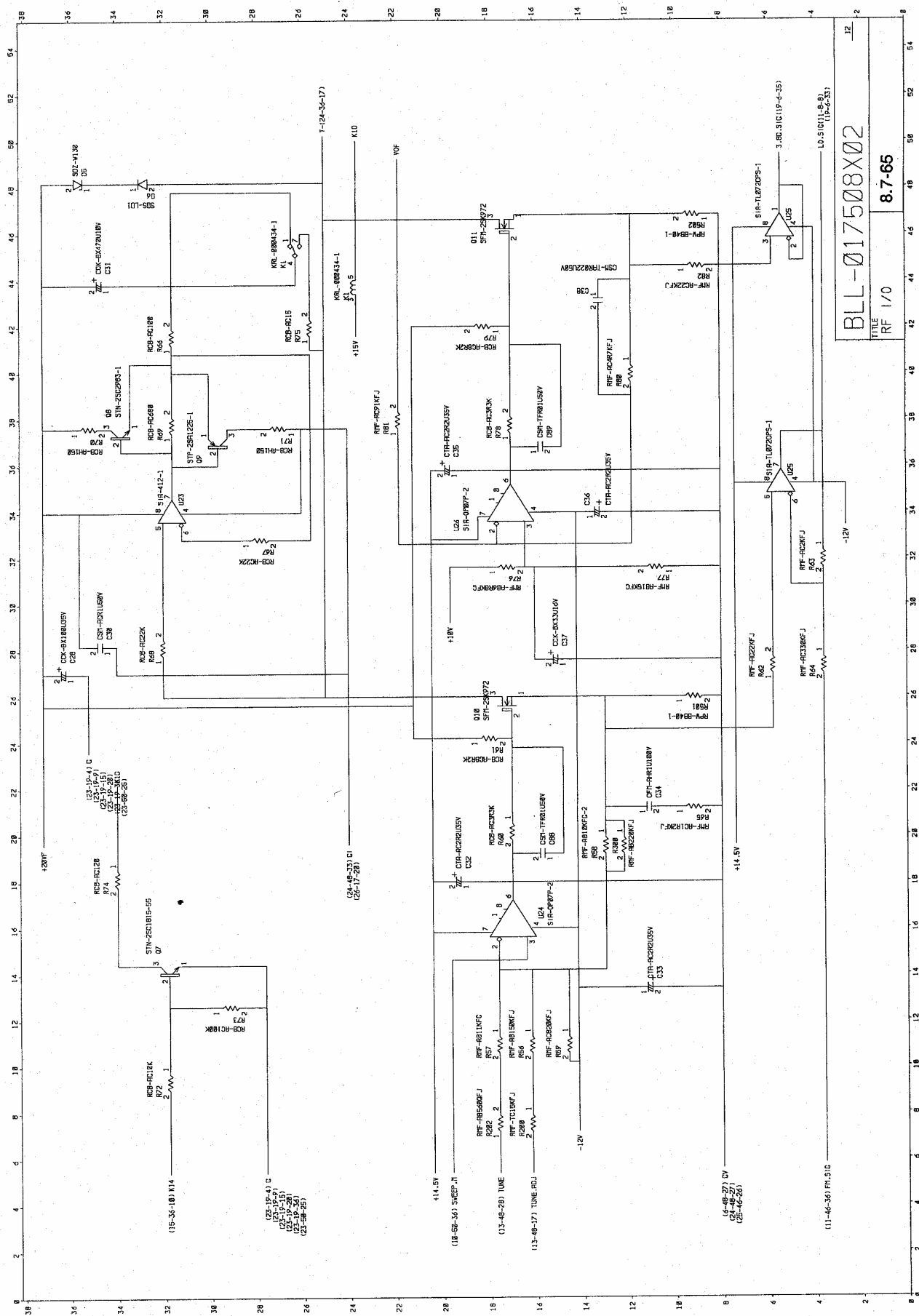
(4-23-32) PHS
(9-50-25)

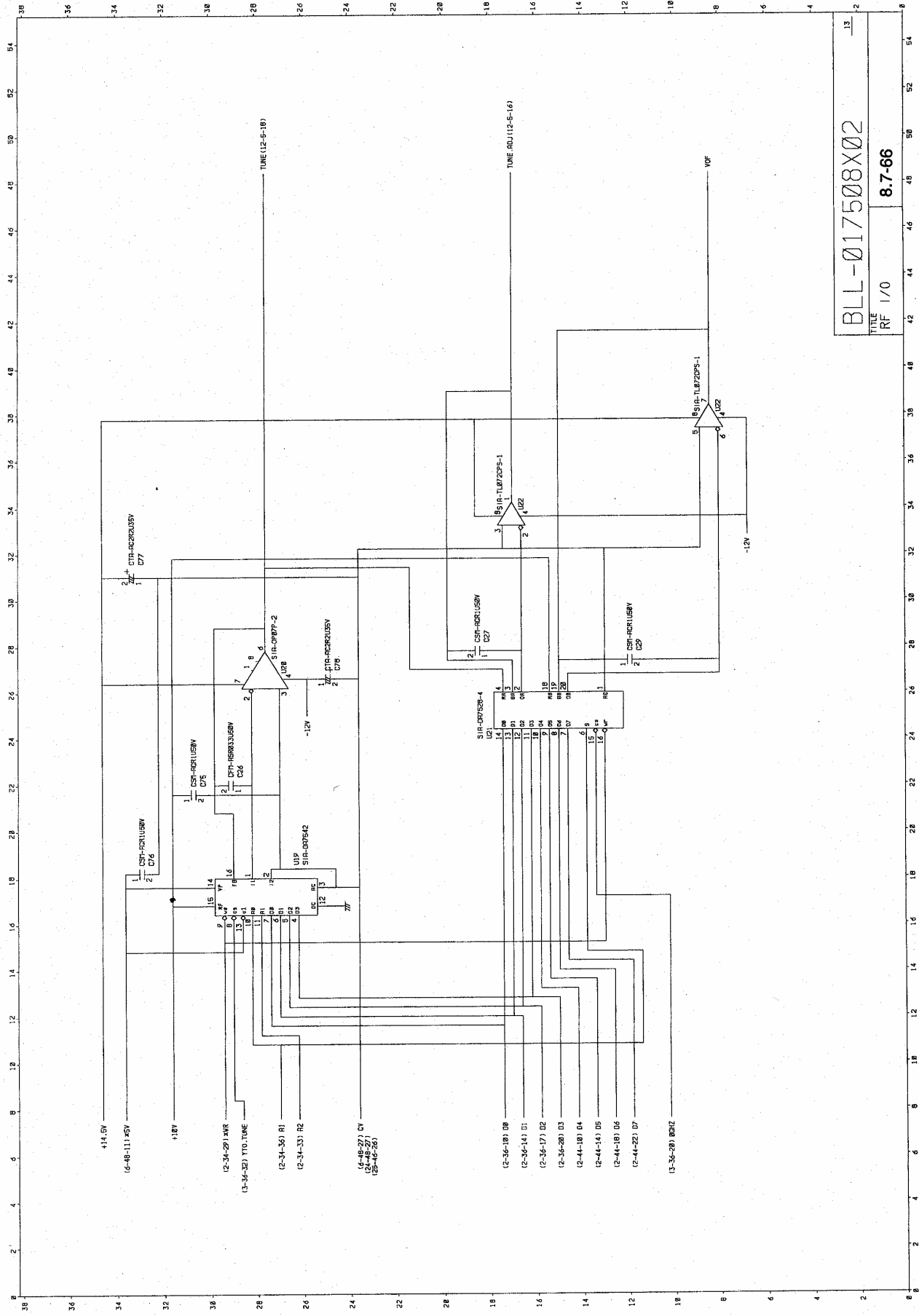


BLL-017508X02

RF 1/0

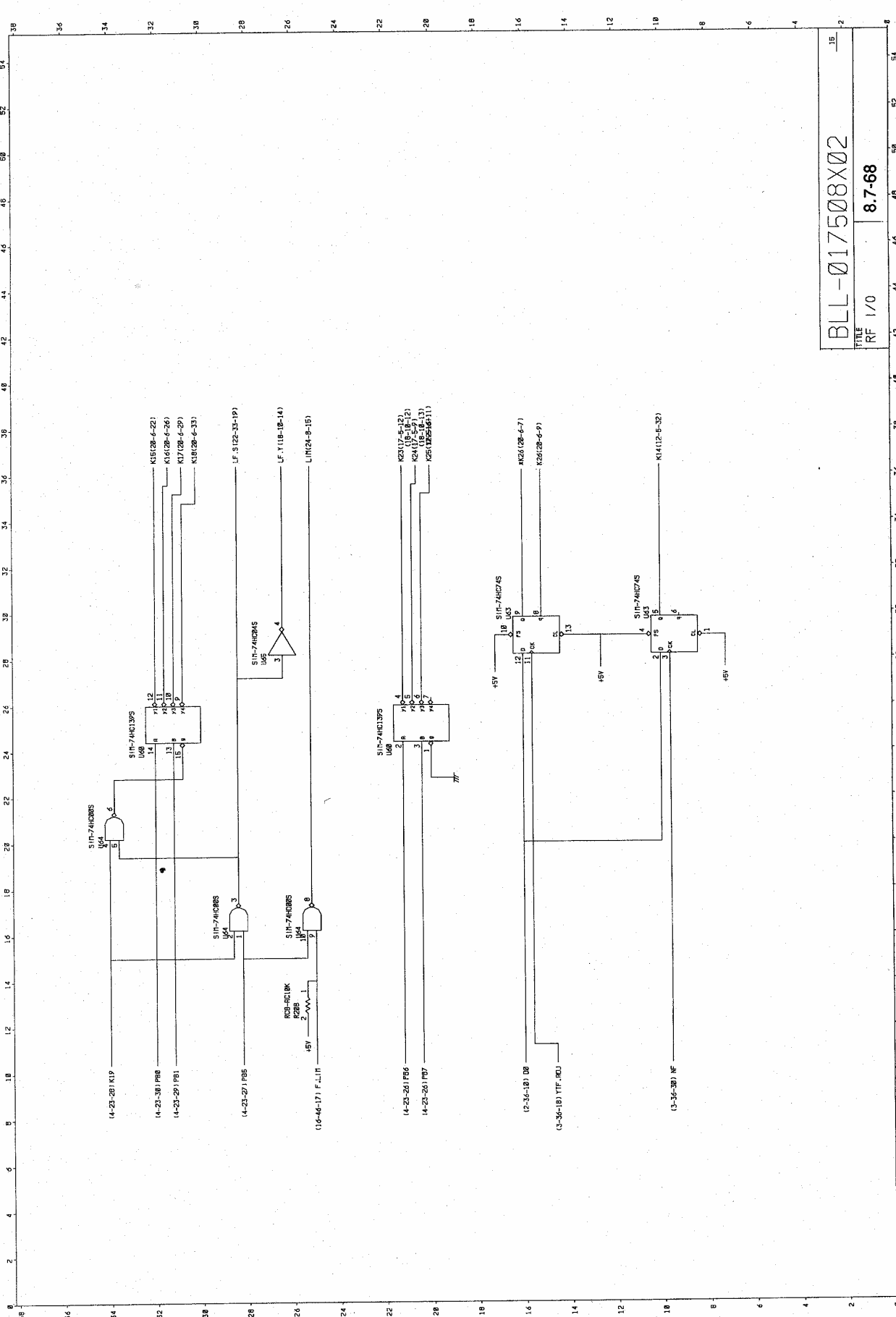
8.7-64





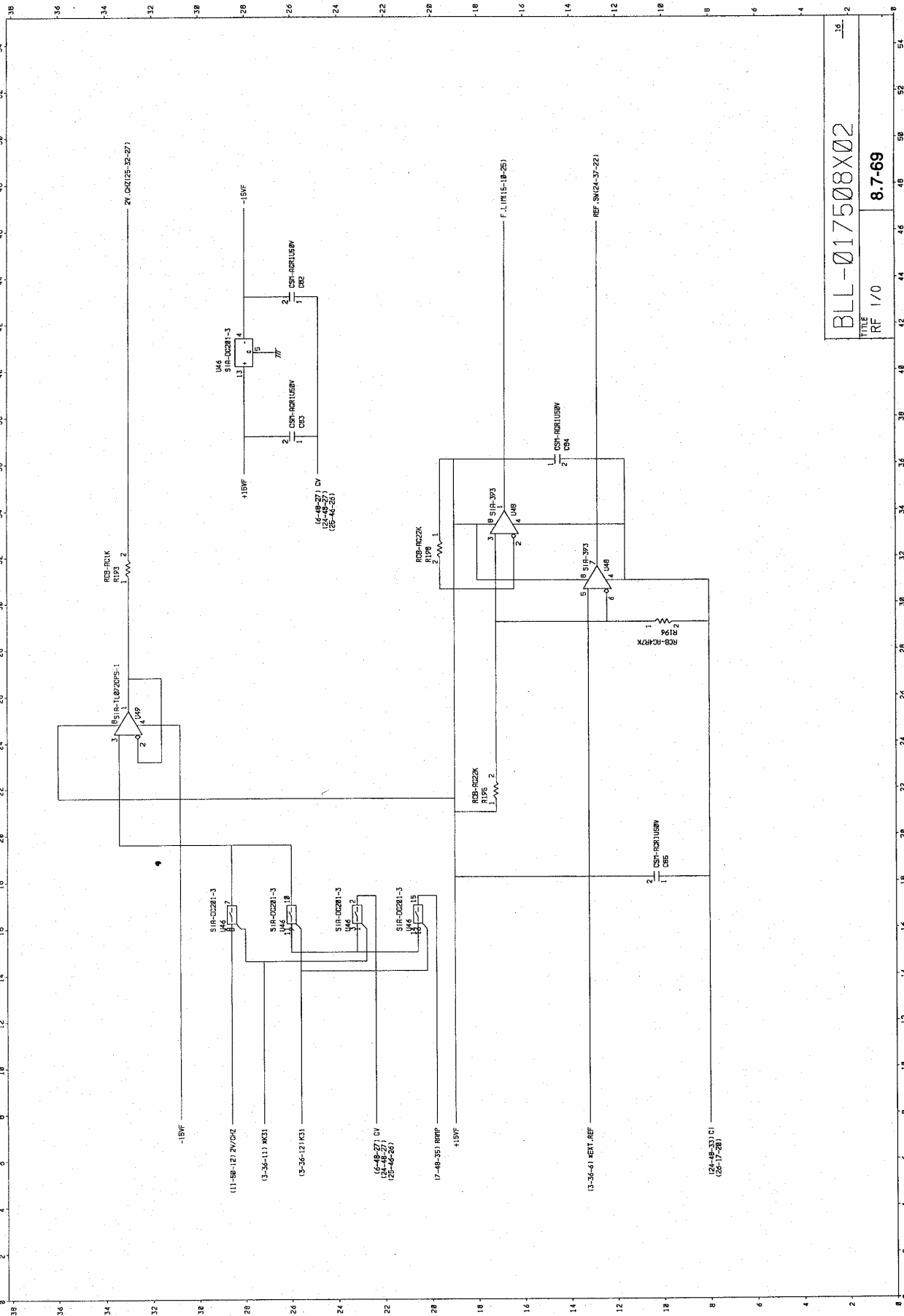
BLL-017508X02

TITLE RF I/O 8.7-66



BLL-017508X02

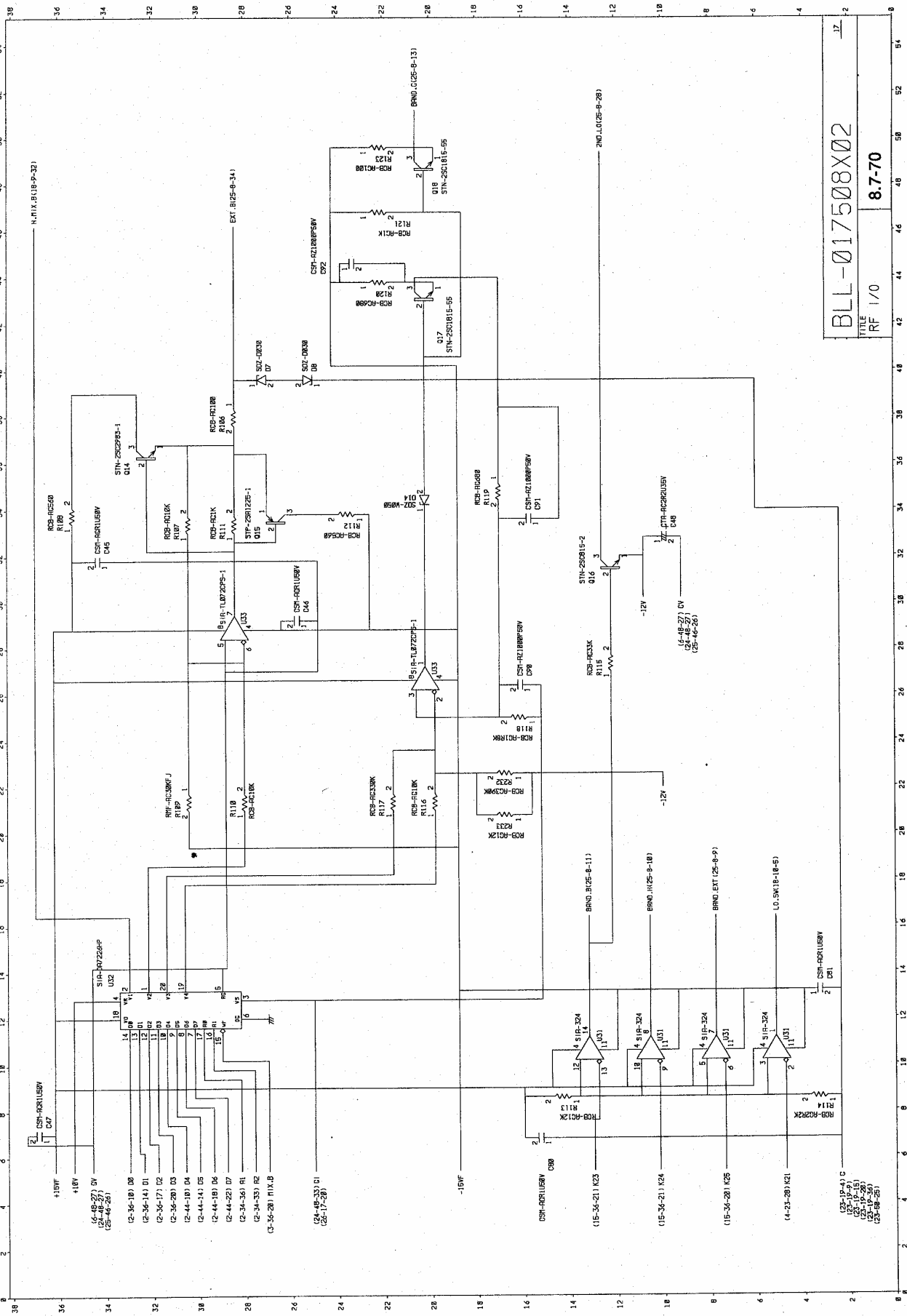
FILE RF 1/0 8.7-68



BLL-017508X02

TITLE
RF 1/0

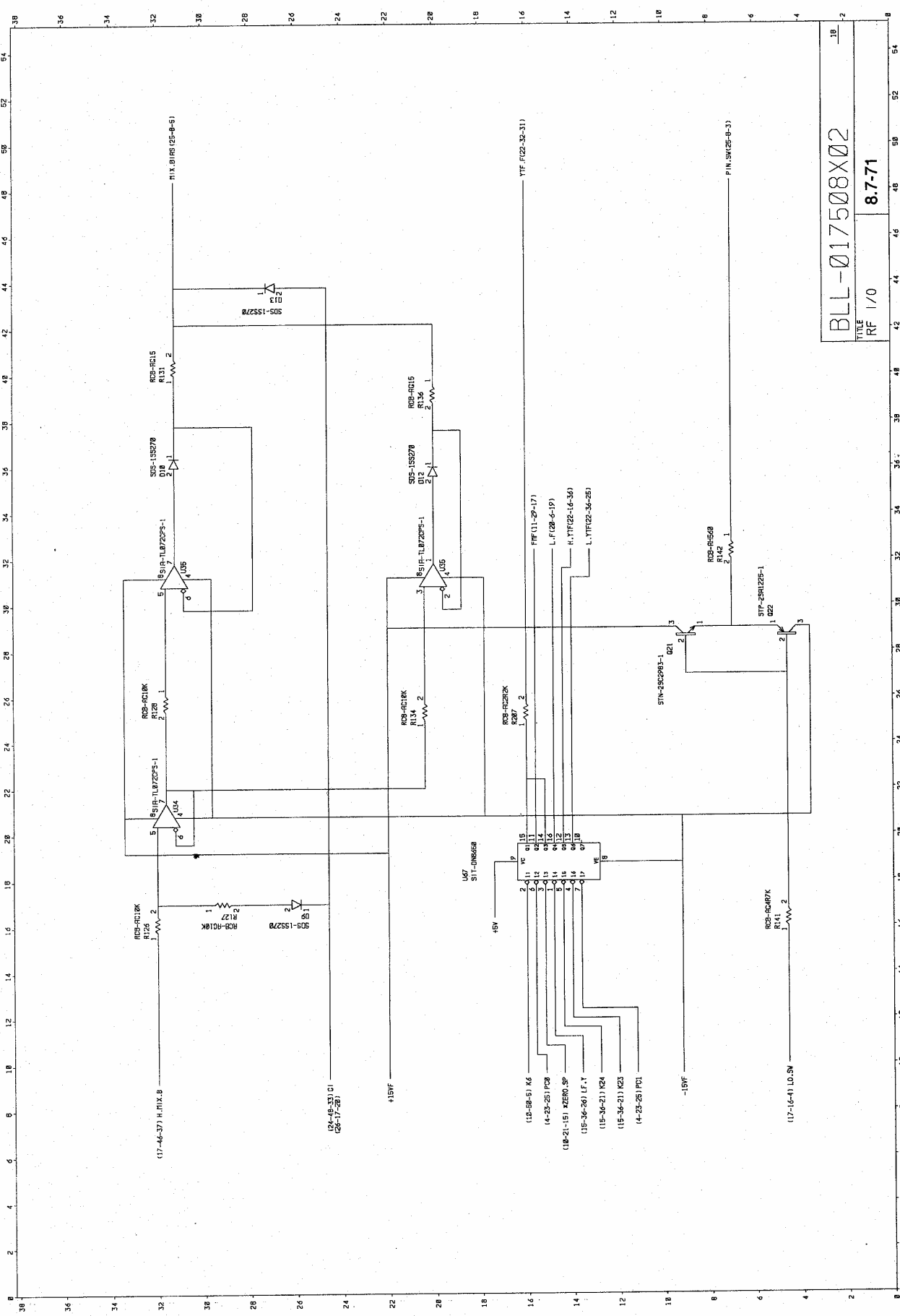
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BLL-017508X02

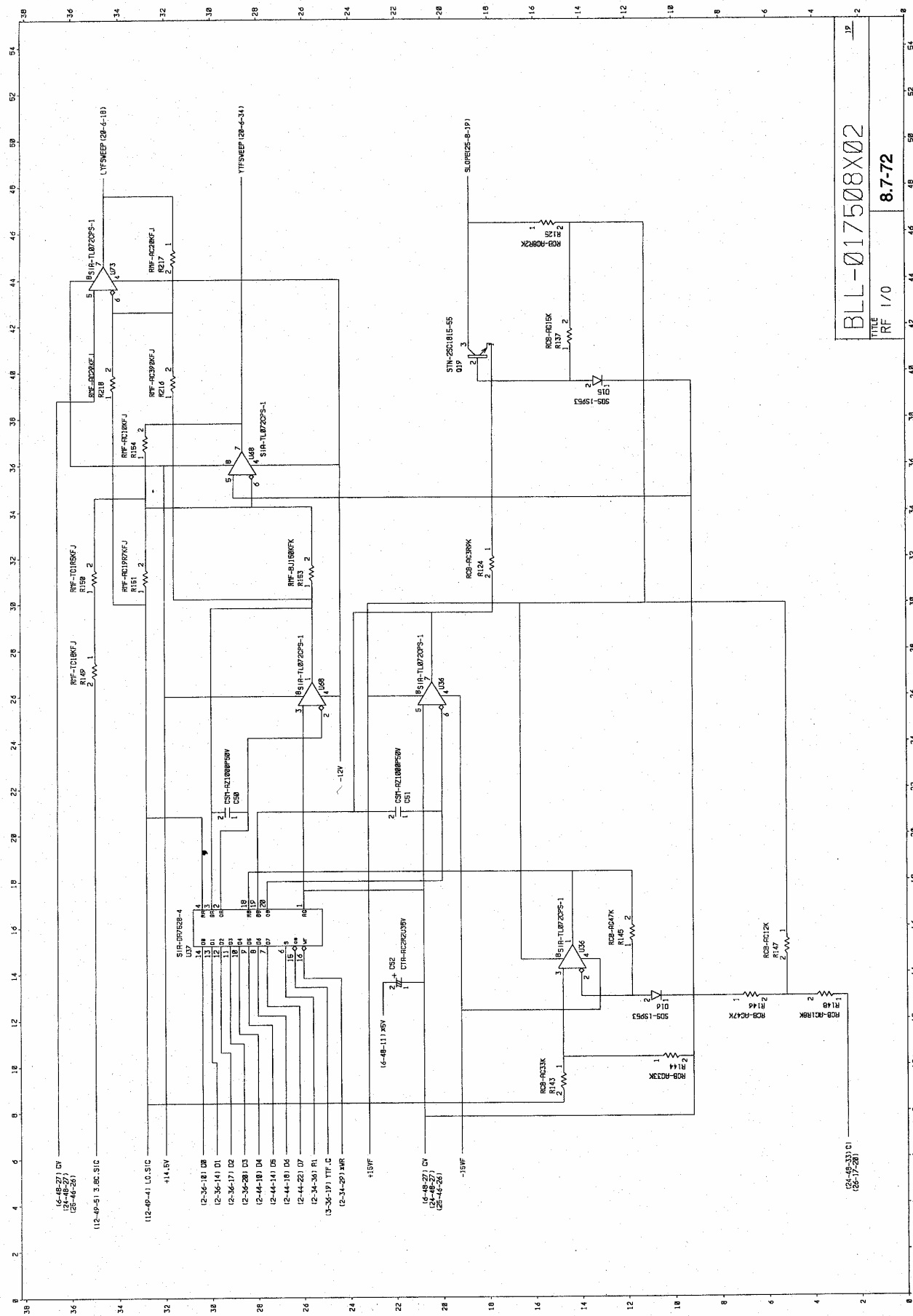
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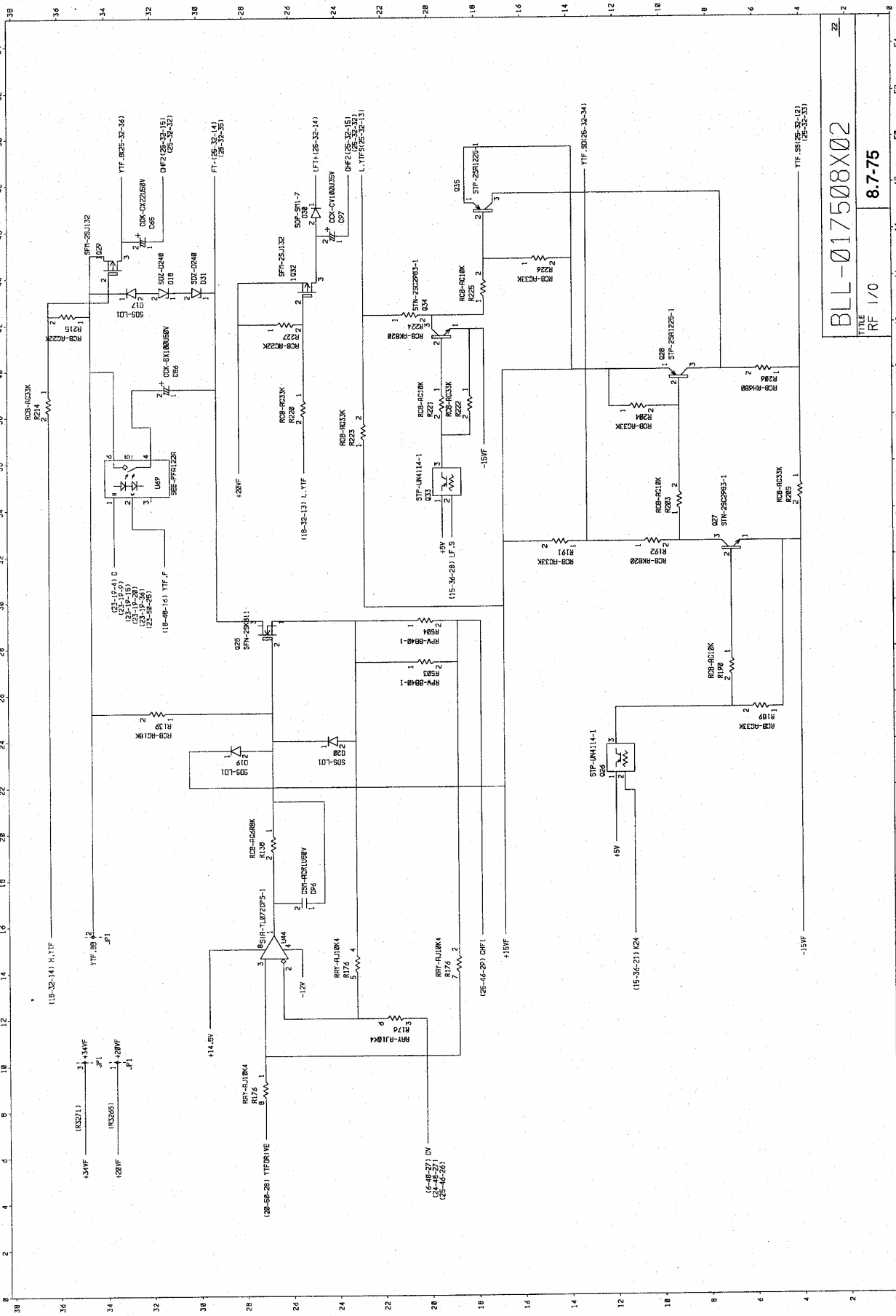
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BLL-017508X02

RF I/O 8.7-71

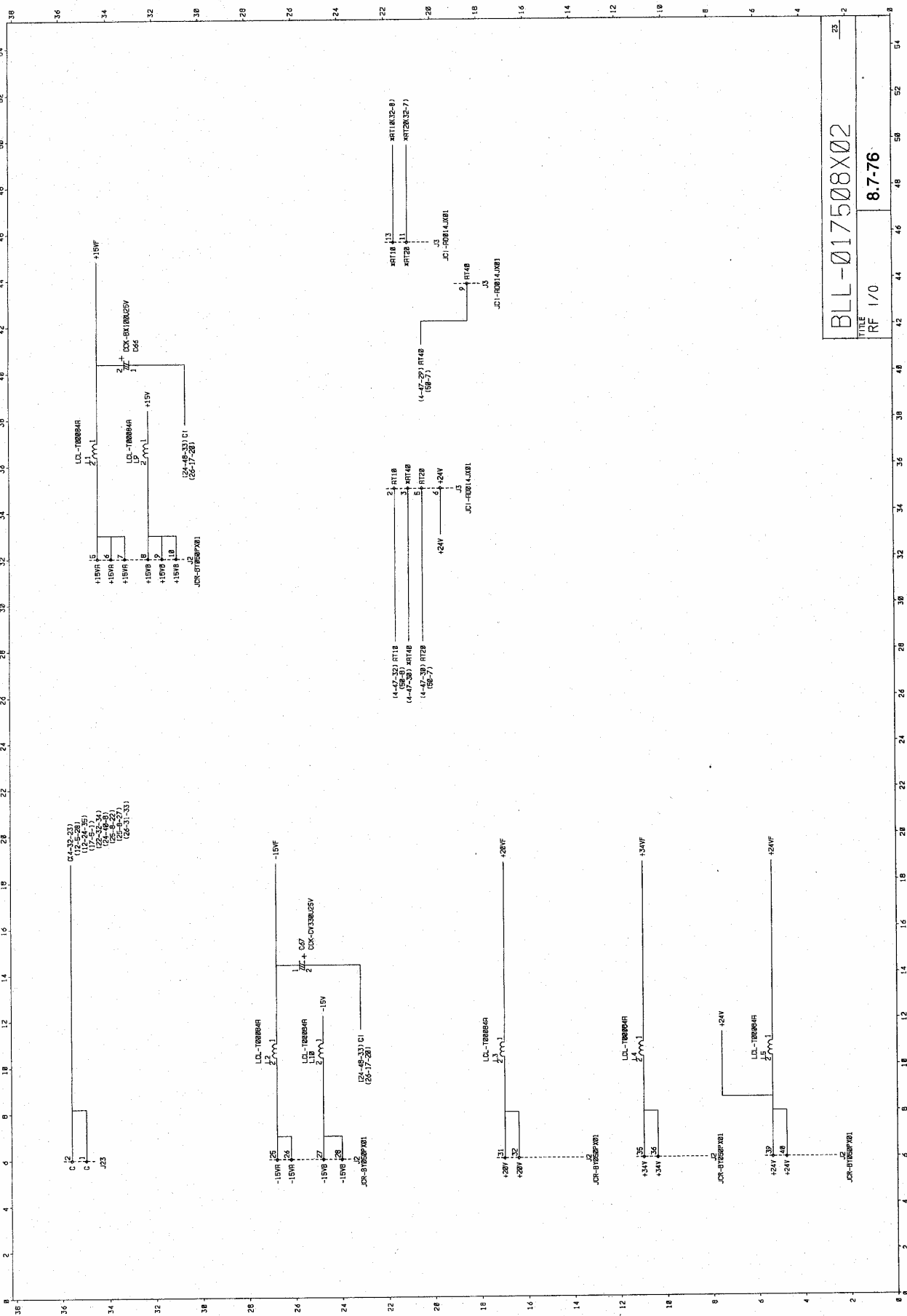




BLL-017508X02

RF 1/0

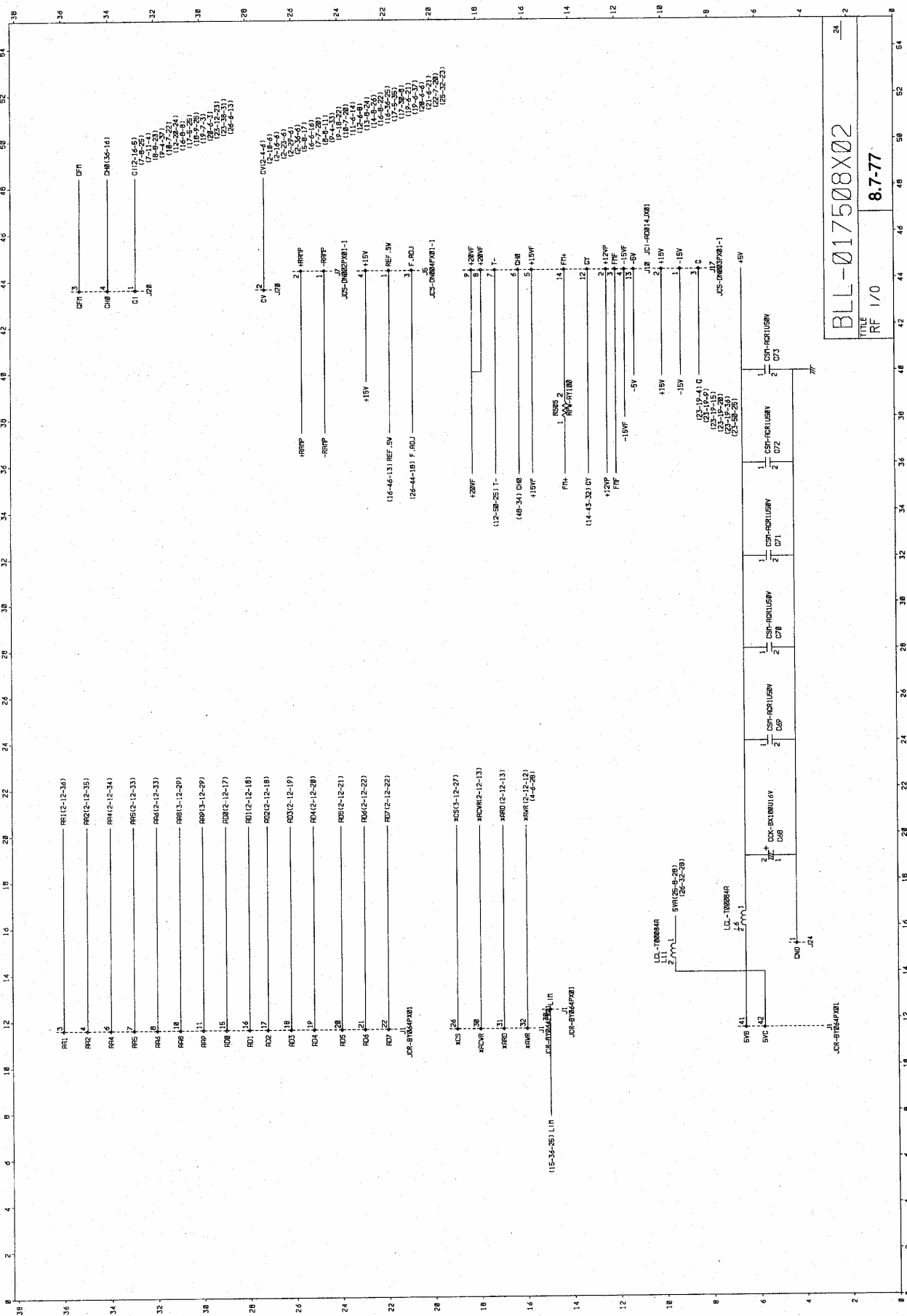
8.7.75

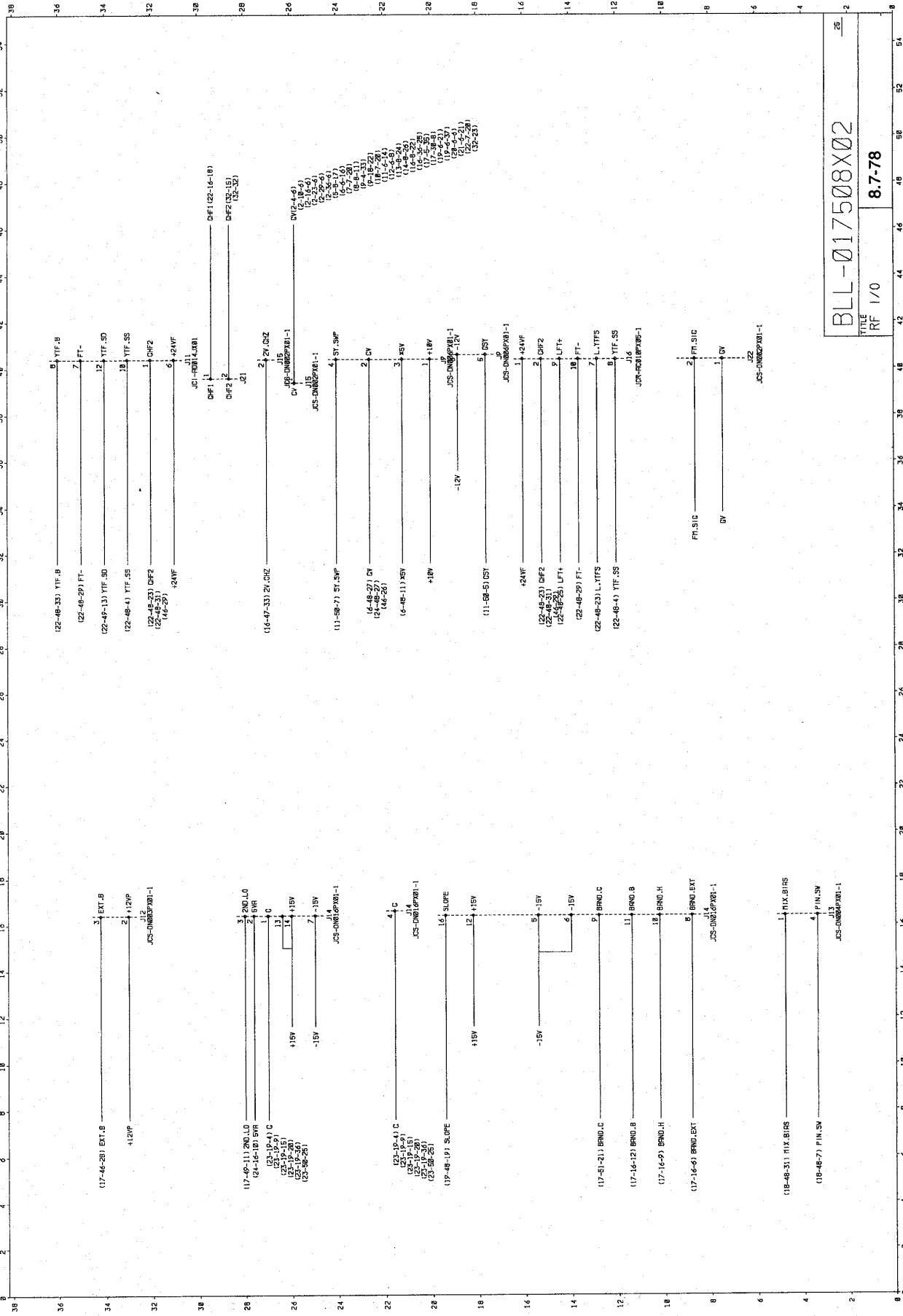


BLL-017508X02

TITLE RF 110

8.7-76



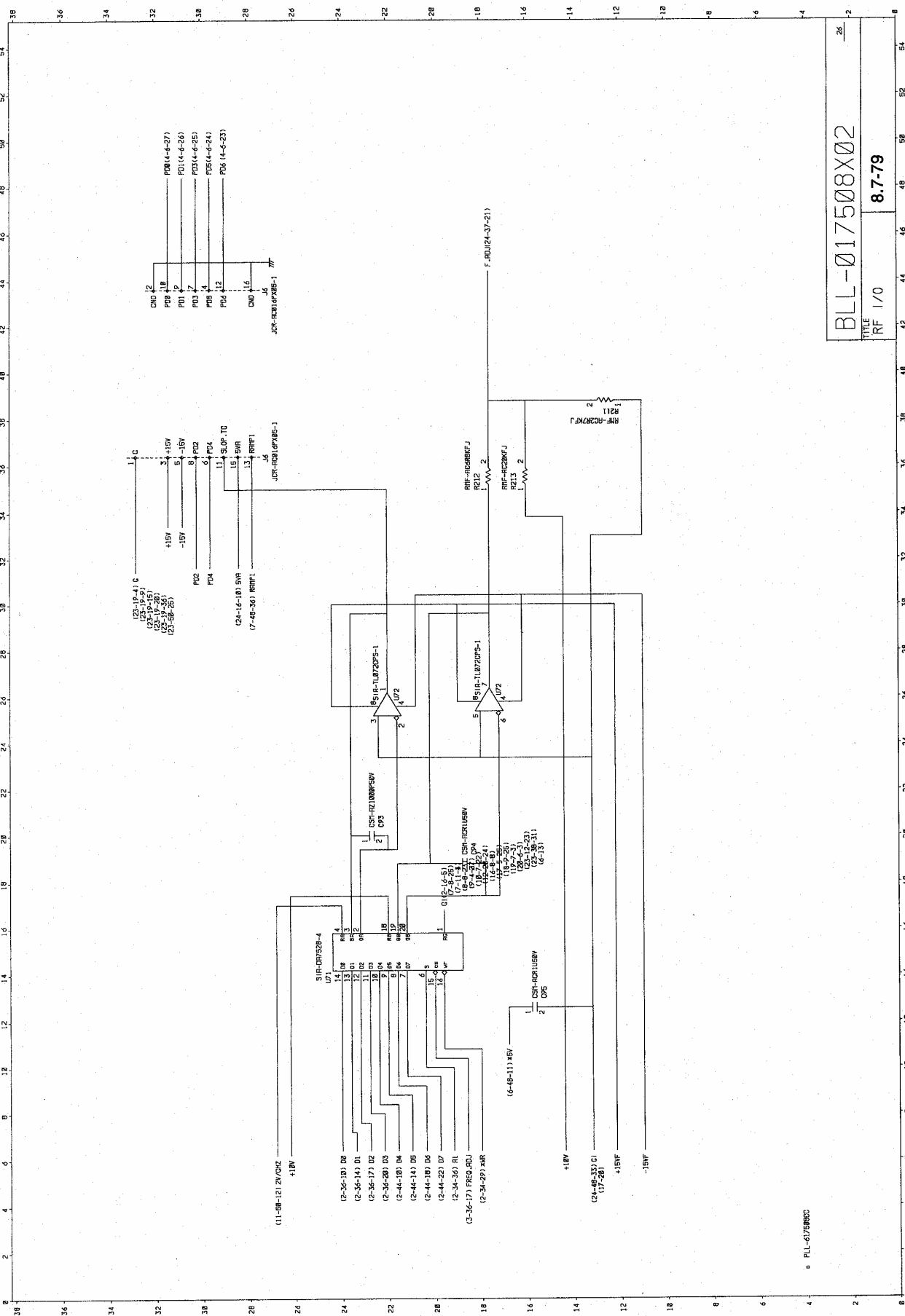


BLL-017508X02

FILE
RF 1/0

8.7-78

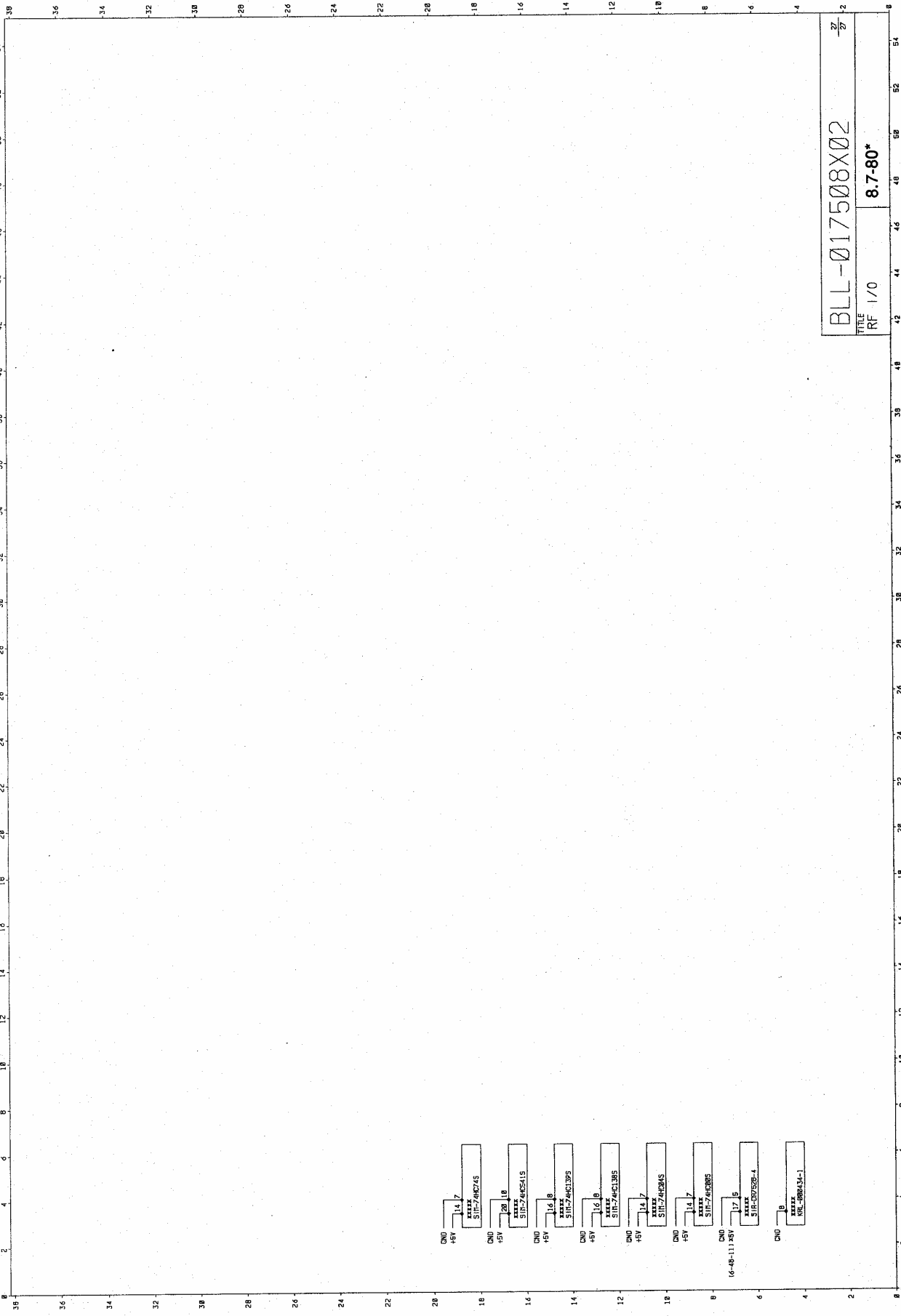
25



BLL-017508X02

TITLE RF 1/0

8.7-79



QND
+5V
14 7
S1H-Z4BC74S

QND
+5V
28 18
S1H-Z4BC541S

QND
+5V
14 8
S1H-Z4BC139S

QND
+5V
14 8
S1H-Z4BC139S

QND
+5V
14 7
S1H-Z4BC34S

QND
+5V
14 7
S1H-Z4BC38S

QND
16-4B-111 5V
14 8
S1H-Z4BC38S

QND
8
S1H-Z4BC38S

BLL-017508X02

TITLE
RF 1/0

8.7-80*

27
2

**R3265A/3271A
SYNTHESIZER BLOCK
WBL-32XXSYN**

Parts No.	Advantest Stock No.	Description	Note
C1 -10	CFT-AQR01U50V-1	FXD EMIFIL 10000pF +50%, -20% 50V	
C11 -17	CFT-AQR01U50V-1	FXD EMIFIL 10000pF +50%, -20% 50V	
CB1 -4	ZCA-C0456X08-1	COAXIAL CABLE	
J1	JCF-AC001JX02-3	CONNECTOR COAXIAL	
J2	JCF-AC001JX02-3	CONNECTOR COAXIAL	
J3	JCF-AC001JX02-3	CONNECTOR COAXIAL	
J4 -10	JCF-AC001JX02-3	CONNECTOR COAXIAL	
SP1	SHB-003188-1	CUSTOM MADE (1st SAMPLER)	

**R3265A/3271A
SYNTHESIZER BLOCK
BCL-017046 (1 of 8)**

Parts No.	Advantest Stock No.	Description					Note
C1	CTA-AN1U35V	FXD	CHIP	1 μ F	\pm 20%	35V	
C1	CCK-CH33U25V	FXD	CHIP	33 μ F	\pm 20%	25V	
C3	CCP-BA22P50V	FXD	CHIP	22PF	\pm 10%	25V	
C4	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+ 80% -20%	50V	
C5	CCP-BA1000P50V	FXD	CHIP	1000pF	+ 10%	50V	
C6	CCP-BA15P50V	FXD	CHIP	15pF	+ 5%	50V	
C7	CCP-BA22P50V	FXD	CHIP	22PF	\pm 10%	25V	
C8	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+ 80% -20%	50V	
C9	CCP-BA1000P50V	FXD	CHIP	1000pF	+ 10%	50V	
C10 -11	CCP-BA18P50V	FDX	CHIP	18pF	\pm 10%	50V	
C12	CCP-BA22P50V	FXD	CHIP	22PF	\pm 10%	25V	
C13	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+ 80% -20%	50V	
C14	CCP-BA1000P50V	FXD	CHIP	1000pF	+ 10%	50V	
C15 -16	CCP-BA18P50V	FDX	CHIP	18pF	\pm 10%	50V	
C17	CCP-BA15P50V	FXD	CHIP	15pF	+ 5%	50V	
C18	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+ 80% -20%	50V	
C19	CCP-BA1000P50V	FXD	CHIP	1000pF	+ 10%	50V	
C20 -21	CCP-BA5P50V	FXD	CHIP	5pF	\pm 0.25pF	50V	
C22	CCP-BA15P50V	FXD	CHIP	15pF	+ 5%	50V	
C23	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+ 80% -20%	50V	
C24	CCP-BA1000P50V	FXD	CHIP	1000pF	+ 10%	50V	
C25 -26	CCP-BA15P50V	FXD	CHIP	15pF	+ 5%	50V	
C27	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+ 80% -20%	50V	
C28	CCP-BA1000P50V	FXD	CHIP	1000pF	+ 10%	50V	
C29 -30	CCP-BA15P50V	FXD	CHIP	15pF	+ 5%	50V	
C31	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+ 80% -20%	50V	
C32	CCP-BA1000P50V	FXD	CHIP	1000pF	+ 10%	50V	
C33 -34	CCP-BA15P50V	FXD	CHIP	15pF	+ 5%	50V	
C35	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+ 80% -20%	50V	
C36	CCP-BA1000P50V	FXD	CHIP	1000pF	+ 10%	50V	
C37 -38	CCP-BA15P50V	FXD	CHIP	15pF	+ 5%	50V	
C39	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+ 80% -20%	50V	
C40	CCP-BA1000P50V	FXD	CHIP	1000pF	+ 10%	50V	
C41 -42	CCP-BA5P50V	FXD	CHIP	5pF	\pm 0.25pF	50V	
C43	CCP-BA15P50V	FXD	CHIP	15pF	+ 5%	50V	
C44	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+ 80% -20%	50V	
C45	CCP-BA1000P50V	FXD	CHIP	1000pF	+ 10%	50V	
C46 -47	CCP-BA5P50V	FXD	CHIP	5pF	\pm 0.25pF	50V	
C48	CCP-BA15P50V	FXD	CHIP	15pF	+ 5%	50V	
C49	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+ 80% -20%	50V	

**R3265A/3271A
SYNTHESIZER BLOCK
BCL-017046 (2 of 8)**

Parts No.	Advantest Stock No.	Description					Note
C50	CCP-BA1000P50V	FXD	CHIP	1000pF	+ 10%	50V	
C51	CCP-BA15P50V	FXD	CHIP	15pF	+ 5%	50V	
C52	CCP-BA1000P50V	FXD	CHIP	1000pF	+ 10%	50V	
C53	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+ 80% -20%	50V	
C54	CCP-BA1000P50V	FXD	CHIP	1000pF	+ 10%	50V	
C55 -56	CCP-BAR01U50V	FXD	CHIP	0.01 μ F	\pm 10%	50V	
C57	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+ 80% -20%	50V	
C58	CCP-BAR01U50V	FXD	CHIP	0.01 μ F	\pm 10%	50V	
C59 -60	CCP-BA33P50V	FXD	CHIP	33pF	\pm 5%	50V	
C61	CCP-BAR01U50V	FXD	CHIP	0.01 μ F	\pm 10%	50V	
C62	CCP-BA1000P50V	FXD	CHIP	1000pF	+ 10%	50V	
C63	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+ 80% -20%	50V	
C64 -65	CCP-BA1000P50V	FXD	CHIP	1000pF	+ 10%	50V	
C66	CCP-BAR01U50V	FXD	CHIP	0.01 μ F	\pm 10%	50V	
C67	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+ 80% -20%	50V	
C68 -69	CCP-BAR01U50V	FXD	CHIP	0.01 μ F	\pm 10%	50V	
C70	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+ 80% -20%	50V	
C71 -73	CCP-BAR01U50V	FXD	CHIP	0.01 μ F	\pm 10%	50V	
C74	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+ 80% -20%	50V	
C75 -76	CCP-BAR01U50V	FXD	CHIP	0.01 μ F	\pm 10%	50V	
C77 -81	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+ 80% -20%	50V	
C82	CTA-AN1U35V	FXD	CHIP	1 μ F	\pm 20%	35V	
C83 -84	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+ 80% -20%	50V	
C85	CCP-BAR01U50V	FXD	CHIP	0.01 μ F	\pm 10%	50V	
C86	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+ 80% -20%	50V	
C87	CCP-BAR01U50V	FXD	CHIP	0.01 μ F	\pm 10%	50V	
C88 -89	CCP-BA15P50V	FXD	CHIP	15pF	+ 5%	50V	
C90	CCP-BAR01U50V	FXD	CHIP	0.01 μ F	\pm 10%	50V	
C91 -96	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+ 80% -20%	50V	
C97 -98	CTA-AN22U16V	FXD	CHIP	22 μ F	\pm 20%	16V	
C99 -101	CCK-CH33U25V	FXD	CHIP	33 μ F	\pm 20%	25V	
C102 -108	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+ 80% -20%	50V	
C109	CTA-AN1U35V	FXD	CHIP	1 μ F	\pm 20%	35V	
C110 -112	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+ 80% -20%	50V	
C113 -116	CCP-BA47P50V	FXD	CHIP	47pF	\pm 5%	50V	
C117 -118	CCP-BA100P50V	FXD	CHIP	100pF	\pm 10%	50V	
C119 -122	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+ 80% -20%	50V	
C123	CCP-BA15P50V	FXD	CHIP	15pF	+ 5%	50V	
C124 -125	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+ 80% -20%	50V	
C126	CCP-BA5P50V	FXD	CHIP	5pF	\pm 0.25pF	50V	

**R3265A/3271A
SYNTHESIZER BLOCK
BCL-017046 (3 of 8)**

Parts No.	Advantest Stock No.	Description	Note
C130	CCP-BA10P50V	FXD CHIP 10pF $\pm 0.5\text{pF}$ 50V	
D1 -3	SDS-1SS281S	SI DIODE	
D4 -5	SDS-1SS193	SI DIODE	
D6	SDZ-M051	ZENER DIODE	
FL1 -2	DNF-002116	SAW FILTER	
FL4	DHB-001174	CUSTOM MADE (30MHz L, P, F)	
FL5	DNF-000199-2	FILTER (10M BPF)	
L1	LCL-C00010	COIL 180 μH $\pm 10\%$	
L2	LCL-E00936	COIL CHIP 47nH $\pm 20\%$	
L3 -4	LCL-E01174	COIL (CUSTOM MADE)	
L5 -6	LCL-E00936	COIL CHIP 47nH $\pm 20\%$	
L7	LCL-E01177	COIL (CUSTOM MADE)	
L8	LCL-E01176	COIL (CUSTOM MADE)	
L9 -10	LCL-E00933	COIL CHIP 22nH $\pm 20\%$	
L11 -12	LCL-E01174	COIL (CUSTOM MADE)	
L13	LCL-E00933	COIL CHIP 22nH $\pm 20\%$	
L14 -15	LCL-E01174	COIL (CUSTOM MADE)	
L16	LCL-E00933	COIL CHIP 22nH $\pm 20\%$	
L17 -18	LCL-E01174	COIL (CUSTOM MADE)	
L19	LCL-E00933	COIL CHIP 22nH $\pm 20\%$	
L20 -21	LCL-E01174	COIL (CUSTOM MADE)	
L22 -24	LCL-E00933	COIL CHIP 22nH $\pm 20\%$	
L25 -26	LCL-E01174	COIL (CUSTOM MADE)	
L27	LCL-E00942	COIL CHIP 150nH $\pm 10\%$	
L28	LCL-T00084A	COIL (CUSTOM MADE)	
L29	LCL-C00010	COIL 180 μH $\pm 10\%$	
L30	LCL-T00084A	COIL (CUSTOM MADE)	
L31 -32	LCL-E00948	COIL CHIP 0.39 μH $\pm 20\%$	
L33	LCL-E00972	COIL CHIP 47 μH $\pm 10\%$	
L34	LCL-E00948	COIL CHIP 0.39 μH $\pm 20\%$	
P1 -18	DMY-000934-1		
Q1 -13	STN-2SC3356	TRANSISTOR NPN	
Q14	STN-2SC1623	TRANSISTOR NPN	
Q15 -16	STN-2SC3356	TRANSISTOR NPN	
Q17	STN-2SC2223	TRANSISTOR NPN	
Q18 -19	STP-2SA1226	TRANSISTOR PNP	
Q20	STN-2SC2223	TRANSISTOR NPN	
R1	RCP-AN100	FXD 100 Ω $\pm 0.5\%$ 1/10W	
R2	RCP-AN10K	FXD 10K Ω $\pm 0.5\%$ 1/10W	
R3	RCP-AN150	FXD 150 Ω $\pm 0.5\%$ 1/10W	

**R3265A/3271A
SYNTHESIZER BLOCK
BCL-017046 (4 of 8)**

Parts No.	Advantest Stock No.	Description				Note
R4	RCP-AN4R7K	FXD	4.7K Ω	$\pm 0.5\%$	1/10W	
R5	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R6	RCP-AN10	FXD	10 Ω	$\pm 0.5\%$	1/10W	
R7	RCP-AN100	FXD	100 Ω	$\pm 0.5\%$	1/10W	
R8	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R9	RCP-AN18	FXD	18 Ω	$\pm 0.5\%$	1/10W	
R10	RCP-AN47	FXD	47 Ω	$\pm 0.5\%$	1/10W	
R11	RCP-AN10K	FXD	10K Ω	$\pm 0.5\%$	1/10W	
R12	RCP-AN220	FXD	220 Ω	$\pm 0.5\%$	1/10W	
R13	RCP-AN4R7K	FXD	4.7K Ω	$\pm 0.5\%$	1/10W	
R14	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R15	RCP-AN10	FXD	10 Ω	$\pm 0.5\%$	1/10W	
R16	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R17	RCP-AN18	FXD	18 Ω	$\pm 0.5\%$	1/10W	
R18 -19	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R20	RCP-AN18	FXD	18 Ω	$\pm 0.5\%$	1/10W	
R21	RCP-AN56	FXD	56 Ω	$\pm 0.5\%$	1/10W	
R22	RCP-AN10K	FXD	10K Ω	$\pm 0.5\%$	1/10W	
R23	RCP-AN4R7K	FXD	4.7K Ω	$\pm 0.5\%$	1/10W	
R25	RCP-AN220	FXD	220 Ω	$\pm 0.5\%$	1/10W	
R26	RCP-AJ3R3	FXD	3.3 Ω	$\pm 10\%$	1/10W	
R27 -28	RCP-AN56	FXD	56 Ω	$\pm 0.5\%$	1/10W	
R29	RCP-AN10K	FXD	10K Ω	$\pm 0.5\%$	1/10W	
R30	RCP-AN4R7K	FXD	4.7K Ω	$\pm 0.5\%$	1/10W	
R31	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R32	RCP-AJ3R3	FXD	3.3 Ω	$\pm 10\%$	1/10W	
R33	RCP-AN220	FXD	220 Ω	$\pm 0.5\%$	1/10W	
R34	RCP-AN150	FXD	150 Ω	$\pm 0.5\%$	1/10W	
R35	RCP-AN10K	FXD	10K Ω	$\pm 0.5\%$	1/10W	
R36	RCP-AN4R7K	FXD	4.7K Ω	$\pm 0.5\%$	1/10W	
R37	RCP-AN150	FXD	150 Ω	$\pm 0.5\%$	1/10W	
R38	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R39	RCP-AJ3R3	FXD	3.3 Ω	$\pm 10\%$	1/10W	
R40	RCP-AN100	FXD	100 Ω	$\pm 0.5\%$	1/10W	
R41	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R42	RCP-AN18	FXD	18 Ω	$\pm 0.5\%$	1/10W	
R43	RCP-AN100	FXD	100 Ω	$\pm 0.5\%$	1/10W	
R44	RCP-AN4R7K	FXD	4.7K Ω	$\pm 0.5\%$	1/10W	
R45	RCP-AN6R8K	FXD	6.8K Ω	$\pm 0.5\%$	1/10W	
R46	RCP-AN150	FXD	150 Ω	$\pm 0.5\%$	1/10W	

**R3265A/3271A
SYNTHESIZER BLOCK
BCL-017046 (5 of 8)**

Parts No.	Advantest Stock No.	Description				Note
R47	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R48	RCP-AN10	FXD	10 Ω	$\pm 0.5\%$	1/10W	
R49	RCP-AN100	FXD	100 Ω	$\pm 0.5\%$	1/10W	
R50	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R51	RCP-AN18	FXD	18 Ω	$\pm 0.5\%$	1/10W	
R52 -53	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R54	RCP-AN18	FXD	18 Ω	$\pm 0.5\%$	1/10W	
R55	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R56	RCP-AN100	FXD	100 Ω	$\pm 0.5\%$	1/10W	
R57	RCP-AN6R8K	FXD	6.8K Ω	$\pm 0.5\%$	1/10W	
R58	RCP-AN150	FXD	150 Ω	$\pm 0.5\%$	1/10W	
R59	RCP-AN4R7K	FXD	4.7K Ω	$\pm 0.5\%$	1/10W	
R60	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R61	RCP-AN10	FXD	10 Ω	$\pm 0.5\%$	1/10W	
R62	RCP-AN100	FXD	100 Ω	$\pm 0.5\%$	1/10W	
R63	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R64	RCP-AN18	FXD	18 Ω	$\pm 0.5\%$	1/10W	
R65	RCP-AN100	FXD	100 Ω	$\pm 0.5\%$	1/10W	
R66	RCP-AN6R8K	FXD	6.8K Ω	$\pm 0.5\%$	1/10W	
R67	RCP-AN4R7K	FXD	4.7K Ω	$\pm 0.5\%$	1/10W	
R68	RCP-AN150	FXD	150 Ω	$\pm 0.5\%$	1/10W	
R69	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R70	RCP-AN10	FXD	10 Ω	$\pm 10\%$	1/10W	
R71	RCP-AN100	FXD	100 Ω	$\pm 0.5\%$	1/10W	
R72	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R73	RCP-AN18	FXD	18 Ω	$\pm 0.5\%$	1/10W	
R74	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R75	RCP-AN10K	FXD	10K Ω	$\pm 10\%$	1/10W	
R76	RCP-AN220	FXD	220 Ω	$\pm 0.5\%$	1/10W	
R77	RCP-AN4R7K	FXD	4.7K Ω	$\pm 0.5\%$	1/10W	
R78	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R80	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R81	RCP-AN18	FXD	18 Ω	$\pm 0.5\%$	1/10W	
R82 -83	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R84	RCP-AN18	FXD	18 Ω	$\pm 10\%$	1/10W	
R85	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R86	RCP-AN10K	FXD	10K Ω	$\pm 0.5\%$	1/10W	
R87	RCP-AN4R7K	FXD	4.7K Ω	$\pm 0.5\%$	1/10W	
R88	RCP-AN220	FXD	220 Ω	$\pm 0.5\%$	1/10W	
R89	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	

**R3265A/3271A
SYNTHESIZER BLOCK
BCL-017046 (6 of 8)**

Parts No.	Advantest Stock No.	Description				Note
R91	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R92	RCP-AN18	FXD	18 Ω	$\pm 0.5\%$	1/10W	
R93 -94	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R95	RCP-AN18	FXD	18 Ω	$\pm 0.5\%$	1/10W	
R96	RCP-AN100	FXD	100 Ω	$\pm 0.5\%$	1/10W	
R97	RCP-AN6R8K	FXD	6.8K Ω	$\pm 0.5\%$	1/10W	
R98	RCP-AN150	FXD	150 Ω	$\pm 0.5\%$	1/10W	
R99	RCP-AN4R7K	FXD	4.7K Ω	$\pm 0.5\%$	1/10W	
R100	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R101	RCP-AN10	FXD	10 Ω	$\pm 0.5\%$	1/10W	
R102	RCP-AN100	FXD	100 Ω	$\pm 0.5\%$	1/10W	
R103	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R104	RCP-AN18	FXD	18 Ω	$\pm 0.5\%$	1/10W	
R105	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R106	RCP-AN33	FXD	33 Ω	$\pm 0.5\%$	1/10W	
R107	RCP-AN1K	FXD	1K Ω	$\pm 0.5\%$	1/10W	
R108 -109	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R110	RCP-AN100	FXD	100 Ω	$\pm 0.5\%$	1/10W	
R111	RCP-AN68	FXD	68 Ω	$\pm 0.5\%$	1/10W	
R112	RCP-AN100	FXD	100 Ω	$\pm 0.5\%$	1/10W	
R113	RCP-AN33	FXD	33 Ω	$\pm 0.5\%$	1/10W	
R114	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R115	RCP-AN18	FXD	18 Ω	$\pm 0.5\%$	1/10W	
R116	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R117	RCP-AN4R7K	FXD	4.7K Ω	$\pm 0.5\%$	1/10W	
R118	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R119	RCP-AN18	FXD	18 Ω	$\pm 0.5\%$	1/10W	
R120	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R121	RCP-AN33	FXD	33 Ω	$\pm 0.5\%$	1/10W	
R122	RCP-AN150	FXD	150 Ω	$\pm 0.5\%$	1/10W	
R123	RCP-AN39	FXD	39 Ω	$\pm 0.5\%$	1/10W	
R124	RCP-AN150	FXD	150 Ω	$\pm 0.5\%$	1/10W	
R125	RCP-AN33	FXD	33 Ω	$\pm 0.5\%$	1/10W	
R126	RCP-AN68	FXD	68 Ω	$\pm 0.5\%$	1/10W	
R127 -128	RCP-AN150	FXD	150 Ω	$\pm 0.5\%$	1/10W	
R129	RCP-AN68	FXD	68 Ω	$\pm 0.5\%$	1/10W	
R130	RCP-AN33	FXD	33 Ω	$\pm 0.5\%$	1/10W	
R131	RCP-AN510	FXD	510 Ω	$\pm 0.5\%$	1/10W	
R132	RCP-AN10	FXD	10 Ω	$\pm 0.5\%$	1/10W	
R133	RCP-AN510	FXD	510 Ω	$\pm 0.5\%$	1/10W	

**R3265A/3271A
SYNTHESIZER BLOCK
BCL-017046 (7 of 8)**

Parts No.	Advantest Stock No.	Description				Note
R134	RCP-AN33	FXD	33 Ω	$\pm 0.5\%$	1/10W	
R136	RCP-AJ3R3	FXD	3.3 Ω	$\pm 10\%$	1/10W	
R138 -143	RCP-AN51	FXD	51 Ω	$\pm 0.5\%$	1/10W	
R144	RCP-AN100	FXD	100 Ω	$\pm 0.5\%$	1/10W	
R145	RCP-AN68	FXD	68 Ω	$\pm 0.5\%$	1/10W	
R146	RCP-AN100	FXD	100 Ω	$\pm 0.5\%$	1/10W	
R147 -150	RCP-AN100K	FXD	100K Ω	$\pm 0.5\%$	1/10W	
R151	RVR-DF100	VAR	100 Ω	$\pm 20\%$	1/2W	
R152 -153	RCP-AN820	FXD	820 Ω	$\pm 0.5\%$	1/10W	
R154	RCP-AN56	FXD	56 Ω	$\pm 0.5\%$	1/10W	
R155	RCP-AN33	FXD	33 Ω	$\pm 0.5\%$	1/10W	
R156 -157	RCP-AN150	FXD	150 Ω	$\pm 0.5\%$	1/10W	
R158	RCP-AN100	FXD	100 Ω	$\pm 0.5\%$	1/10W	
R159	RCP-AN2R2K	FXD	2.2K Ω	$\pm 0.5\%$	1/10W	
R160	RCP-AN470	FXD	470 Ω	$\pm 0.5\%$	1/10W	
R161	RCP-AN2R2K	FXD	2.2K Ω	$\pm 0.5\%$	1/10W	
R162	RCP-AN100	FXD	100 Ω	$\pm 0.5\%$	1/10W	
R163 -164	RCP-AN1R8K	FXD	1.8K Ω	$\pm 0.5\%$	1/10W	
R165 -166	RCP-AN1K	FXD	1K Ω	$\pm 0.5\%$	1/10W	
R167	RCP-AN12K	FXD	12K Ω	$\pm 0.5\%$	1/10W	
R168 -169	RCP-AN1K	FXD	1K Ω	$\pm 0.5\%$	1/10W	
R170	RCP-AN5R6K	FXD	5.6K Ω	$\pm 0.5\%$	1/10W	
R171	RCP-AN220K	FXD	220K Ω	$\pm 0.5\%$	1/10W	
R172	RCP-AN56K	FXD	56K Ω	$\pm 0.5\%$	1/10W	
R173	RCP-AN20K	FXD	20K Ω	$\pm 0.5\%$	1/10W	
R174	RCP-AN10K	FXD	10K Ω	$\pm 0.5\%$	1/10W	
R175	RCP-AN12K	FXD	12K Ω	$\pm 0.5\%$	1/10W	
R176	RCP-AN10K	FXD	10K Ω	$\pm 0.5\%$	1/10W	
R177	RCP-AN12K	FXD	12K Ω	$\pm 0.5\%$	1/10W	
R178	RCP-AN4R7K	FXD	4.7K Ω	$\pm 0.5\%$	1/10W	
R179	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R180	RCP-AN18	FXD	18 Ω	$\pm 0.5\%$	1/10W	
R181	RCP-AN1K	FXD	1K Ω	$\pm 0.5\%$	1/10W	
R182	RCP-AN2R2K	FXD	2.2K Ω	$\pm 0.5\%$	1/10W	
U1	SHB-003197	CUSTOM MADE (200MHz VCXO)				
U2	SIA-1675	④				
U3	SIC-MC12009P	TWO-MODULUS PRESCALER				
U4	SIA-1676	④				
U5	SIT-74F74S	DUAL D-TYPE POSITIVE-EDGE-TRIGGERED FLIP-FLOP				
U6	SIM-74HC74S	DUAL D-TYPE POSITIVE-EDGE-TRIGGERED FLIP-FLOP				

**R3265A/3271A
SYNTHESIZER BLOCK
BCL-017046 (8 of 8)**

Parts No.	Advantest Stock No.	Description	Note
U7	SIA-1676	Ⓐ	
U8	SIC-571	500MHz DUAL MODULUS PRESCALER	
U9	SIA-1675	Ⓐ	
U10 -11	SIA-1676	Ⓐ	
U12	SIA-OP07PS	ULTRA-LOW OFFSET VOLTAGE OP AMP	
U13	SIA-1675	Ⓐ	
U14	SIT-74F04S	HEX INVERTERS	
U15	SIT-74F00S	QUAD 2-INPUT NAND GATE	
U16	SIT-74F112S	DUAL J-K NEGATIVE-EDGE-TRIGGERED FLIP-FLOP	
U17	SIA-TL072CPS	OP AMP DUAL LOW NOISE	
U18	SIA-393S-1	ULTRA-LOW POWER QUAD COMPARATOR	

**R3265A/3271A
SYNTHESIZER BLOCK
BLS-017044 (1 of 25)**

Parts No.	Advantest Stock No.	Description					Note
C1 -10	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C18 -23	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C31	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C35 -41	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C43	CFM-ANR47U50V	FXD	FILM	0.47 μ F	\pm 5%	50V	
C44	CFM-ANR1U50V	FXD	FILM	0.1 μ F	\pm 5%	50V	
C45 -48	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C49 -50	CFM-AN1U50V	FXD	FILM	1 μ F	\pm 5%	50V	
C51	CTA-AN22U16V	FXD	CHIP	22 μ F	\pm 20%	16V	
C52	CCP-AT33PR1K	FXD	CHIP	33pF	\pm 50%	100V	
C53 -54	CCP-AV62PR1K	FXD	CHIP	62pF	\pm 2%	100V	
C55	CCP-AT33PR1K	FXD	CHIP	33pF	\pm 5%	100V	
C56	CCP-BAR01U50V	FXD	CHIP	0.01 μ F	\pm 10%	50V	
C57	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C58	CCP-BAR01U50V	FXD	CHIP	0.01 μ F	\pm 10%	50V	
C59	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C60	CCP-BAR01U50V	FXD	CHIP	0.01 μ F	\pm 10%	50V	
C61 -63	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C65 -67	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C73	CCP-BA15P50V	FXD	CHIP	15pF	\pm 5%	50V	
C74	CCP-BAR01U50V	FXD	CHIP	0.01 μ F	\pm 10%	50V	
C75	CCP-BA1000P50V	FXD	CHIP	1000pF	\pm 10%	50V	
C76	CCP-BA8P50V	FXD	CHIP	8pF	\pm 0.5pF	50V	
C77	CCP-BA15P50V	FXD	CHIP	15pF	\pm 5%	50V	
C78	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C79 -80	CCP-BA15P50V	FXD	CHIP	15pF	\pm 5%	50V	
C81	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C82	CCP-BA15P50V	FXD	CHIP	15pF	\pm 5%	50V	
C85	CCP-BA15P50V	FXD	CHIP	15pF	\pm 5%	50V	
C86	CCP-BAR01U50V	FXD	CHIP	0.01 μ F	\pm 10%	50V	
C87	CCP-BA1000P50V	FXD	CHIP	1000pF	\pm 10%	50V	
C88	CCP-BA15P50V	FXD	CHIP	15pF	\pm 5%	50V	
C89	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C90	CCP-BA15P50V	FXD	CHIP	15pF	\pm 5%	50V	
C91	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C92 -93	CCP-BA15P50V	FXD	CHIP	15pF	\pm 5%	50V	
C98 -103	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C105	CFM-AN1U50V	FXD	FILM	1 μ F	\pm 5%	50V	
C106	CFM-AS2200P50V	FXD	FILM	2200pF	\pm 10%	50V	
C107	CCP-BA15P50V	FXD	CHIP	15pF	\pm 5%	50V	

R3265A/3271A
SYNTHESIZER BLOCK
BLS-017044 (2 of 25)

Parts No.	Advantest Stock No.	Description					Note
C108	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C109	CCP-BA15P50V	FXD	CHIP	15pF	\pm 5%	50V	
C110	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C111	CCP-BAR01U50V	FXD	CHIP	0.01 μ F	\pm 10%	50V	
C112	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C113	CCP-BAR01U50V	FXD	CHIP	0.01 μ F	\pm 10%	50V	
C114	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C115	CCP-AT16PR1K	FXD	CHIP	16pF	\pm 10%	100V	
C116 -117	CCP-AT30PR1K	FXD	CHIP	30pF	\pm 5%	100V	
C118	CCP-AT16PR1K	FXD	CHIP	16pF	\pm 10%	100V	
C119	CCP-BA1000P50V	FXD	CHIP	1000pF	\pm 10%	50V	
C120	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C121	CCP-BA1000P50V	FXD	CHIP	1000pF	\pm 10%	50V	
C123	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C124	CCP-BA1000P50V	FXD	CHIP	1000pF	\pm 10%	50V	
C125 -131	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C136	CCP-BA15P50V	FXD	CHIP	15pF	\pm 5%	50V	
C137	CCP-BAR01U50V	FXD	CHIP	0.01 μ F	\pm 10%	50V	
C138	CCP-BA1000P50V	FXD	CHIP	1000pF	\pm 10%	50V	
C139	CCP-BA8P50V	FXD	CHIP	8pF	0.5pF	50V	
C140	CCP-BA15P50V	FXD	CHIP	15pF	\pm 5%	50V	
C141	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C142 -143	CCP-BA15P50V	FXD	CHIP	15pF	\pm 5%	50V	
C144	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C145	CCP-BA15P50V	FXD	CHIP	15pF	\pm 5%	50V	
C146	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C147	CCP-BA15P50V	FXD	CHIP	15pF	\pm 5%	50V	
C151	CCP-AT5PR1K	FXD	CHIP	5pF	\pm 0.25pF	100V	
C152	CCP-AT3PR1K	FXD	CHIP	3pF	\pm 0.25pF	100V	
C153	CCP-BA15P50V	FXD	CHIP	15pF	\pm 5%	50V	
C154	CCP-BAR01U50V	FXD	CHIP	0.01 μ F	\pm 10%	50V	
C155	CCP-BA1000P50V	FXD	CHIP	1000pF	\pm 10%	50V	
C156	CCP-BA15P50V	FXD	CHIP	15pF	\pm 5%	50V	
C157	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C158	CCP-BA15P50V	FXD	CHIP	15pF	\pm 5%	50V	
C161	CCP-BA15P50V	FXD	CHIP	15pF	\pm 5%	50V	
C162	CCP-BAR01U50V	FXD	CHIP	0.01 μ F	\pm 10%	50V	
C163	CCP-BA1000P50V	FXD	CHIP	1000pF	\pm 10%	50V	
C164	CCP-BA8P50V	FXD	CHIP	8pF	\pm 0.5pF	50V	
C165	CCP-BA15P50V	FXD	CHIP	15pF	\pm 5%	50V	

**R3265A/3271A
SYNTHESIZER BLOCK
BLS-017044 (3 of 25)**

Parts No.	Advantest Stock No.	Description					Note
C166	CCP-BAR01U50V	FXD	CHIP	0.01 μ F	$\pm 10\%$	50V	
C167	CCP-BA1000P50V	FXD	CHIP	1000pF	$\pm 10\%$	50V	
C168	CCP-BA8P50V	FXD	CHIP	8pF	$\pm 0.5pF$	50V	
C169	CCP-BA15P50V	FXD	CHIP	15pF	$\pm 5\%$	50V	
C170	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	$\pm 80\%$ -20%	50V	
C171 -172	CCP-BA15P50V	FXD	CHIP	15pF	$\pm 5\%$	50V	
C173	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	$\pm 80\%$ -20%	50V	
C174	CCP-BA15P50V	FXD	CHIP	15pF	$\pm 5\%$	50V	
C179 -185	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	$\pm 80\%$ -20%	50V	
C187	CFM-ANR1U50V	FXD	FILM	0.1 μ F	$\pm 5\%$	50V	
C189 -192	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	$\pm 80\%$ -20%	50V	
C193	CFM-AN1U50V	FXD	FILM	1 μ F	$\pm 5\%$	50V	
C194	CTA-AN3R3U16V	FXD	CHIP	3.3 μ F	$\pm 20\%$	16V	
C195	CCP-AV160PR1K	FXD	CHIP	160pF	$\pm 2\%$	100V	
C196 -197	CCP-AW300PR1K	FXD	CHIP	300pF	$\pm 1\%$	100V	
C198	CCP-AV160PR1K	FXD	CHIP	160pF	$\pm 2\%$	100V	
C199	CCP-BAR01U50V	FXD	CHIP	0.01 μ F	$\pm 10\%$	50V	
C200	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	$\pm 80\%$ -20%	50V	
C201	CCP-BAR01U50V	FXD	CHIP	0.01 μ F	$\pm 10\%$	50V	
C203	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	$\pm 80\%$ -20%	50V	
C204	CCP-BAR01U50V	FXD	CHIP	0.01 μ F	$\pm 10\%$	50V	
C205 -206	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	$\pm 80\%$ -20%	50V	
C207	CCP-BAR01U50V	FXD	CHIP	0.01 μ F	$\pm 10\%$	50V	
C208	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	$\pm 80\%$ -20%	50V	
C209	CCP-BAR01U50V	FXD	CHIP	0.01 μ F	$\pm 10\%$	50V	
C210	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	$\pm 80\%$ -20%	50V	
C211	CFM-AN1U50V	FXD	FILM	1 μ F	$\pm 5\%$	50V	
C212	CCP-BA15P50V	FXD	CHIP	15pF	$\pm 5\%$	50V	
C213	CCP-BAR01U50V	FXD	CHIP	0.01 μ F	$\pm 10\%$	50V	
C214	CCP-BA1000P50V	FXD	CHIP	1000pF	$\pm 10\%$	50V	
C215	CCP-BA8P50V	FXD	CHIP	8pF	$\pm 0.5pF$	50V	
C216	CCP-BA15P50V	FXD	CHIP	15pF	$\pm 5\%$	50V	
C217	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	$\pm 80\%$ -20%	50V	
C218 -219	CCP-BA15P50V	FXD	CHIP	15pF	$\pm 5\%$	50V	
C220	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	$\pm 80\%$ -20%	50V	
C221	CCP-BA15P50V	FXD	CHIP	15pF	$\pm 5\%$	50V	
C222	CCP-AT5PR1K	FXD	CHIP	5pF	$\pm 0.25pF$	100V	
C223	CCP-AT3PR1K	FXD	CHIP	3pF	$\pm 0.25pF$	100V	
C224	CCP-BA15P50V	FXD	CHIP	15pF	$\pm 5\%$	50V	
C225	CCP-BAR01U50V	FXD	CHIP	0.01 μ F	$\pm 10\%$	50V	

**R3265A/3271A
SYNTHESIZER BLOCK
BLS-017044 (4 of 25)**

Parts No.	Advantest Stock No.	Description					Note
C226	CCP-BA1000P50V	FXD	CHIP	1000pF	± 10%	50V	
C227 -228	CCP-BA15P50V	FXD	CHIP	15pF	± 5%	50V	
C230	CCP-BAR01U50V	FXD	CHIP	0.01 μ F	± 10%	50V	
C231	CCP-BA1000P50V	FXD	CHIP	1000pF	± 10%	50V	
C232	CCP-BA10P50V	FXD	CHIP	10pF	± 0.5pF	50V	
C233	CCP-BA1P50V	FXD	CHIP	1pF	± 0.25pF	50V	
C234	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C236	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C245	CCK-CV100U25V	FXD	ELECT	100 μ F	± 20%	25V	
C247 -250	CCK-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C251	CFM-AN1U50V	FXD	FILM	1 μ F	± 5%	50V	
C252 -254	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C255 -256	CCP-BA15P50V	FXD	CHIP	15pF	± 5%	16V	
C257	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C258	CCP-BA1000P50V	FXD	CHIP	1000pF	± 10%	50V	
C259	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C265	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C267	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C270	CCP-BA47P50V	FXD	CHIP	47pF	± 5%	50V	
C271	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C272	CCP-BA1000P50V	FXD	CHIP	1000pF	± 10%	50V	
C299	CCP-BA15P50V	FXD	CHIP	15pF	± 5%	50V	
C301 -304	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C305 -306	CTA-AN1U35V	FXD	CHIP	1 μ F	± 20%	35V	
C307	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C308	CCP-BA1000P50V	FXD	CHIP	1000pF	± 10%	50V	
C309 -310	CCK-CV100U25V	FXD	ELECT	100 μ F	± 20%	25V	
C311	CCK-CV470U10V	FXD	ELECT	470 μ F	± 20%	10V	
C403	CTA-AN22U16V	FXD	CHIP	22 μ F	± 20%	16V	
C404	CCP-BA15P50V	FXD	CHIP	15pF	± 5%	50V	
C405	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C406	CCP-BA1000P50V	FXD	CHIP	1000pF	± 10%	50V	
C407 -408	CCP-BA15P50V	FXD	CHIP	15pF	± 5%	50V	
C409	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C410	CCP-BA1000P50V	FXD	CHIP	1000pF	± 10%	50V	
C411 -412	CCP-BA5P50V	FXD	CHIP	5pF	± 0.25pF	50V	
C413	CCP-BA15P50V	FXD	CHIP	15pF	± 5%	50V	
C414	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C416 -417	CCP-BA5P50V	FXD	CHIP	5pF	± 0.25pF	50V	
C418	CCP-BA15P50V	FXD	CHIP	15pF	± 5%	50V	

**R3265A/3271A
SYNTHESIZER BLOCK
BLS-017044 (5 of 25)**

Parts No.	Advantest Stock No.	Description					Note
C419	CCP-TCR1U50V-2	FXD	CHIP	0.1pF	+ 80%-20%	50V	
C421 -422	CCP-BA5P50V	FXD	CHIP	5pF	± 0.25pF	50V	
C423	CCP-BA15P50V	FXD	CHIP	15pF	± 5%	50V	
C424	CCP-TCR1U50V-2	FXD	CHIP	0.1μF	+ 80%-20%	50V	
C425	CCP-BA1000P50V	FXD	CHIP	1000pF	± 10%	50V	
C426 -427	CCP-BA5P50V	FXD	CHIP	5pF	± 0.25pF	50V	
C428	CCP-BA15P50V	FXD	CHIP	15pF	± 5%	50V	
C429	CCP-TCR1U50V-2	FXD	CHIP	0.1μF	+ 80%-20%	50V	
C430	CCP-BA1000P50V	FXD	CHIP	1000pF	± 10%	50V	
C431 -432	CCP-BA15P50V	FXD	CHIP	15pF	± 5%	50V	
C433	CCP-TCR1U50V-2	FXD	CHIP	0.1μF	+ 80%-20%	50V	
C434	CCP-BA1000P50V	FXD	CHIP	1000pF	± 10%	50V	
C435	CCP-BA12P50V	FXD	CHIP	12pF	± 5%	16V	
C436	CCP-BA10P50V	FXD	CHIP	10pF	± 0.5pF	50V	
C437	CCP-BAR01U50V	FXD	CHIP	0.01μF	± 10%	50V	
C438	CCP-BA15P50V	FXD	CHIP	15pF	± 5%	50V	
C439	CCP-TCR1U50V-2	FXD	CHIP	0.1μF	+ 80%-20%	50V	
C440	CCP-BA5P50V	FXD	CHIP	5pF	± 0.25pF	50V	
C441	CCP-BA7P50V	FXD	CHIP	7pF	± 0.5pF	50V	
C442	CCP-BA1000P50V	FXD	CHIP	1000pF	± 10%	50V	
C443	CCP-TCR1U50V-2	FXD	CHIP	0.1μF	+ 80%-20%	50V	
C444	CCP-BAR01U50V	FXD	CHIP	0.01μF	± 10%	50V	
C445 -448	CCP-TCR1U50V-2	FXD	CHIP	0.1μF	+ 80%-20%	50V	
C449	CCP-BAR01U50V	FXD	CHIP	0.01μF	± 10%	50V	
C450 -451	CCP-TCR1U50V-2	FXD	CHIP	0.1μF	+ 80%-20%	50V	
C452	CCP-BAR01U50V	FXD	CHIP	0.01μF	± 10%	50V	
C453 -456	CCP-TCR1U50V-2	FXD	CHIP	0.1μF	+ 80%-20%	50V	
C457	CCP-BAR01U50V	FXD	CHIP	0.01μF	± 10%	50V	
C458	CCP-TCR1U50V-2	FXD	CHIP	0.1μF	+ 80%-20%	50V	
C459 -460	CCP-BAR01U50V	FXD	CHIP	0.01μF	± 10%	50V	
C461 -463	CCP-TCR1U50V-2	FXD	CHIP	0.1μF	+ 80%-20%	50V	
C464	CTA-AN3R3U16V	FXD	CHIP	3.3μF	± 20%	16V	
C465	CCP-TCR1U50V-2	FXD	CHIP	0.1μF	+ 80%-20%	50V	
C466	CTA-AN3R3U16V	FXD	CHIP	3.3μF	± 20%	16V	
C467 -469	CCP-TCR1U50V-2	FXD	CHIP	0.1μF	+ 80%-20%	50V	
C470	CCP-BA15P50V	FXD	CHIP	15pF	± 5%	50V	
C471	CCP-TCR1U50V-2	FXD	CHIP	0.1μF	+ 80%-20%	50V	
C472	CCP-BA1000P50V	FXD	CHIP	1000pF	± 10%	50V	
C473 -474	CCP-BA5P50V	FXD	CHIP	5pF	± 0.25pF	50V	
C475	CCP-TCR1U50V-2	FXD	CHIP	0.1μF	+ 80%-20%	50V	

**R3265A/3271A
SYNTHESIZER BLOCK
BLS-017044 (6 of 25)**

Parts No.	Advantest Stock No.	Description					Note
C476	CTA-AN3R3U16V	FXD	CHIP	3.3 μ F	\pm 20%	16V	
C477 -493	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+ 80%-20%	50V	
C494	CCP-BA470P50V	FXD	CHIP	470pF	\pm 5%	50V	
C495	CCP-BAR01U50V	FXD	CHIP	0.01 μ F	\pm 10%	50V	
C498 -499	CTA-AN1U35V	FXD	CHIP	1 μ F	\pm 20%	35V	
C500	CFM-ANR033U50V-2	FXD	FILM	0.033 μ F	\pm 5%	50V	
C501 -502	CTA-AN1U35V	FXD	CHIP	1 μ F	\pm 20%	35V	
C517	CCK-CX100U16V	FXD	ELECT	100 μ F	\pm 20%	16V	
C518	CTA-AN1U35V	FXD	CHIP	1 μ F	\pm 20%	35V	
C519 -526	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+ 80%-20%	50V	
C530 -531	CCP-BA47P50V	FXD	CHIP	47pF	\pm 5%	50V	
C532	CCK-CH33U25V	FXD	CHIP	33 μ F	\pm 20%	25V	
C533 -534	CCK-CV100U25V	FXD	ELECT	100 μ F	\pm 20%	25V	
C535	CCK-470U10V	FXD	ELECT	470 μ F	\pm 20%	10V	
C536 -537	CCK-CV100U25V	FXD	ELECT	100 μ F	\pm 20%	25V	
C540	CCP-BA15P50V	FXD	CHIP	15pF	\pm 5%	50V	
C541	CCP-BA1000P50V	FXD	CHIP	1000pF	\pm 10%	50V	
C542	CCP-BA22P50V	FXD	CHIP	22pF	\pm 10%	50V	
C543	CFM-ANR033U50V-2	FXD	FILM	0.033 μ F	\pm 5%	50V	
C544	CCP-BA33P50V	FXD	CHIP	33pF	\pm 5%	50V	
C547	CCK-CX33U16V	FXD	ELECT	33 μ F	\pm 20%	16V	
C548 -550	CCP-BA1000P50V	FXD	CHIP	1000pF	\pm 10%	50V	
C551	CCK-CV470U10V	FXD	ELECT	470 μ F	\pm 20%	10V	
C552 -557	CCK-CV100U25V	FXD	ELECT	100 μ F	\pm 20%	25V	
C558 -560	CCK-CX100U16V	FXD	ELECT	100 μ F	\pm 20%	16V	
C561 -562	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+ 80%-20%	50V	
C563	CCK-CV100U25V	FXD	CHIP	100 μ F	\pm 20%	25V	
C570	CCP-BA220P50V	FXD	CHIP	220pF	\pm 5%	50V	
C571	CCP-BA22P50V	FXD	CHIP	22pF	\pm 10%	50V	
C573	CCP-BA22P50V	FXD	CHIP	22pF	\pm 10%	50V	
C574 -575	CCP-BA220P50V	FXD	CHIP	220pF	\pm 10%	50V	
C576	CCP-BA22P50V	FXD	CHIP	22pF	\pm 10%	50V	
C577	CCP-BA220P50V	FXD	CHIP	220pF	\pm 10%	50V	
C578 -579	CCP-BA1000P50V	FXD	CHIP	1000pF	\pm 10%	50V	
C580	CCK-CX10U25V	FXD	ELECT	10 μ F	\pm 20%	25V	
C581 -582	CTA-AN3R3U16V	FXD	CHIP	3.3 μ F	\pm 20%	16V	
C583 -584	CTA-AN1U35V	FXD	CHIP	1 μ F	\pm 20%	35V	
C585 -586	CCK-CX100U16V	FXD	ELECT	100 μ F	\pm 20%	16V	
C587 -588	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+ 80%-20%	50V	
C589	CCP-BA33P50V	FXD	CHIP	33pF	\pm 5%	50V	

**R3265A/3271A
SYNTHESIZER BLOCK
BLS-017044 (7 of 25)**

Parts No.	Advantest Stock No.	Description					Note
C590 -624	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C630	CCK-CX100U16V	FXD	ELECT	100 μ F	\pm 20%	16V	
C631	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C632 -633	CCP-BA220P50V	FXD	CHIP	220pF	\pm 5%	50V	
C634 -635	CFM-AHR068UR1K	FXD	FILM	0.068 μ F	\pm 10%	100V	
C636	CCP-BAR01U50V	FXD	CHIP	0.01 μ F	\pm 10%	50V	
C637	CFM-AN1U50V	FXD	FILM	1 μ F	\pm 5%	50V	
C638	CTA-AN3RU3U16V	FXD	CHIP	3.3 μ F	\pm 20%	16V	
C639 -640	CCP-BA5P50V	FXD	CHIP	5pF	\pm 0.25pF	50V	
C641 -642	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C643 -644	CCP-BA1000P50V	FXD	CHIP	1000pF	\pm 10%	50V	
C645 -646	CCP-BA5P50V	FXD	CHIP	5pF	\pm 0.25pF	50V	
C647	CCP-BAR01U50V	FXD	CHIP	0.01 μ F	\pm 10%	50V	
C648	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C649	CCP-BA15P50V	FXD	CHIP	15pF	\pm 5%	50V	
C650 -651	CCP-BA5P50V	FXD	CHIP	5pF	\pm 0.25pF	50V	
C652 -653	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C654	CCK-CX100U16V	FXD	ELECT	100 μ F	\pm 20%	16V	
C655	CCP-BAR01U50V	FXD	CHIP	0.01 μ F	\pm 10%	50V	
C656 -657	CCP-BA33P50V	FXD	CHIP	33pF	\pm 5%	50V	
C658	CCP-BA10P50V	FXD	CHIP	10pF	\pm 0.5%	50V	
C659	CCK-CV100U35V	FXD	ELECT	100 μ F	\pm 20%	35V	
C660	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C661	CCP-BA470P50V	FXD	CHIP	470pF	\pm 5%	50V	
C662 -669	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C674 -677	CCP-BA47P50V	FXD	CHIP	47pF	\pm 5%	50V	
C678	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C679	CFM-ANR1U50V	FXD	FILM	0.1 μ F	\pm 5%	50V	
C680 -681	CCK-CX47U10V	FXD	ELECT	47 μ F	\pm 20%	10V	
C683	CCK-CX22U50V	FXD	CHIP	22 μ F	\pm 20%	50V	
C684	CCP-BA22P50V	FXD	CHIP	22pF	\pm 10%	50V	
C687 -688	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	
C689	CTA-AN1U35V	FXD	CHIP	1 μ F	\pm 20%	35V	
C691	CCP-BA220P50V	FXD	CHIP	220 μ F	\pm 5%	50V	
C692	CCK-CV100U25V	FXD	ELECT	100 μ F	\pm 20%	25V	
C693 -694	CCP-TCR1U50V-2	FXD	ELECT	0.1 μ F	+80%-20%	50V	
C695 -696	CFM-AS1000P50V	FXD	FILM	1000pF	\pm 10%	50V	
C697	CFM-AS3300P50V	FXD	FILM	3300pF	\pm 10%	50V	
C698	CFM-AS1500P50V	FXD	FILM	1500pF	\pm 10%	50V	
C699	CCP-TCR1U50V-2	FXD	CHIP	0.1 μ F	+80%-20%	50V	

**R3265A/3271A
SYNTHESIZER BLOCK
BLS-017044 (8 of 25)**

Parts No.	Advantest Stock No.	Description	Note
C700 -701	CCP-47P50V	FXD CHIP 47pF ± 5% 50V	
C702	CCP-TCR1U50V-2	FXD CHIP 0.1μF + 80%-20% 50V	
C703	CSM-AGR1U50V	FXD CER 0.1μF + 80%-20% 50V	
C704 -705	CCP-TCR1U50V-2	FXD CHIP 0.1μF + 80%-20% 50V	
C706	CCP-BA1000P50V	FXD CHIP 1000pF ± 10% 50V	
C707 -709	CCP-TCR1U50V-2	FXD CHIP 0.1MF + 80%-20% 50V	
C710	CCP-BA100P50V	FXD CHIP 100pF ± 10% 50V	
C711 -714	CCP-TCR1U50V-2	FXD CHIP 0.1MF + 80%-20% 50V	
C720 -721	CFM-ANR47U50V	FXD FILM 0.47μF ± 5% 50V	
C722	CFM-AN1U50V	FXD FILM 1μF ± 5% 50V	
C723	CCP-BA22P50V	FXD CHIP 22pF ± 10% 50V	
C724	CFM-AN1U50V	FXD FILM 1μF ± 5% 50V	
D1 -4	SDS-1SS193	SI DIODE	
D9 -10	SDS-1SS220	SI DIODE	
D11 -12	SDS-1SS193	SI DIODE	
D14 -15	SDS-1SS220	SI DIODE	
D17 -18	SDS-1SS220	SI DIODE	
D19 -20	SDS-1SS193	SI DIODE	
D38 -44	SDS-MA78	SI DIODE	
D45 -46	SDS-LS955	SI DIODE	
D49	SDS-1SS193	SI DIODE	
D50 -51	SDS-LD1	SI DIODE	
D52	SDS-1SS193	SI DIODE	
D55	SDS-1SS220	SI DIODE	
D56 -58	SDS-1SS193	SI DIODE	
D59	SDZ-M051	ZENER DIODE 5.1V	
D60	SDS-1SS193	SI DIODE	
D61	SDS-MA78	SI DIODE	
D62 -63	SDS-1SS193	SI DIODE	
J1	JCR-CA64PX02	CONECTOR 64PIN	
J2	JCR-CA50PX02	CONECTOR 50PIN	
J3	JCS-DN006PX01-1	CONECTOR 6PIN	
J4	JTE-BV002EX02-1	SHORT CIRCUIT FAILURE PIN	
J5	JCI-AT001JX06-2	SHORT CIRCUIT FAILURE CONECTOR	
J20	JCF-BA001JX01-1	CONECTOR COAXIAL	
L1	LCL-E00940	CHIP COIL 100nH ± 10%	
L2	LCL-E00941	CHIP COIL 120nH ± 10%	
L3	LCL-E00940	CHIP COIL 100nH ± 10%	
L5	LCL-E00933	CHIP COIL 22nH ± 20%	
L6 -7	LCL-E01174	COIL (CUSTOM MADE)	

**R3265A/3271A
SYNTHESIZER BLOCK
BLS-017044 (9 of 25)**

Parts No.	Advantest Stock No.	Description	Note
L11	LCL-E00938	CHIP COIL 68nH $\pm 20\%$	
L12	LCL-E00939	CHIP COIL 82nH $\pm 20\%$	
L13	LCL-E00938	CHIP COIL 68nH $\pm 20\%$	
L15	LCL-E00933	CHIP COIL 22nH $\pm 20\%$	
L16 -17	LCL-E01174	COIL (CUSTOM MADE)	
L18	LCL-E00931	CHIP COIL 10nH $\pm 20\%$	
L19	LCL-E00932	CHIP COIL 18nH $\pm 20\%$	
L20	LCL-E00933	CHIP COIL 22nH $\pm 20\%$	
L21 -22	LCL-E01174	COIL (CUSTOM MADE)	
L23	LCL-E00933	CHIP COIL 18nH $\pm 20\%$	
L24 -25	LCL-E01174	COIL (CUSTOM MADE)	
L27	LCL-E00949	CHIP COIL 0.56 μ H $\pm 20\%$	
L28	LCL-E00950	CHIP COIL 0.68 μ H $\pm 20\%$	
L29	LCL-E00949	CHIP COIL 0.56 μ H $\pm 20\%$	
L31	LCL-E00933	CHIP COIL 22nH $\pm 20\%$	
L32 -33	LCL-E01174	COIL (CUSTOM MADE)	
L34	LCL-E00931	CHIP COIL 10nH $\pm 20\%$	
L35	LCL-E00932	CHIP COIL 18nH $\pm 20\%$	
L36	LCL-E00933	CHIP COIL 22nH $\pm 20\%$	
L50 -61	LCL-T00084A	COIL (CUSTOM MADE)	
L90	LCL-E00933	CHIP COIL 18nH $\pm 20\%$	
L91 -92	LCL-E01174	COIL (CUSTOM MADE)	
L93 -97	LCL-E00933	CHIP COIL 18nH $\pm 20\%$	
L98 -99	LCL-E01174	COIL (CUSTOM MADE)	
L100 -101	LCL-E00933	CHIP COIL 18nH $\pm 20\%$	
L102	LCL-T00480-1	COIL (CUSTOM MADE)	
L103	LCL-E00933	CHIP COIL 18nH $\pm 20\%$	
L104 -106	LCL-T00084A	COIL (CUSTOM MADE)	
L107	LCL-E00939	CHIP COIL 82nH $\pm 20\%$	
L109 -110	LCL-E00937	CHIP COIL 56nH $\pm 20\%$	
L111	LCL-E00939	CHIP COIL 82nH $\pm 20\%$	
L112	LCK-E00937	CHIP COIL 56nH $\pm 20\%$	
L113	LCL-E00939	CHIP COIL 82nH $\pm 20\%$	
L115 -117	LCL-E00939	CHIP COIL 82nH $\pm 20\%$	
L118	LCL-T00084A	COIL (CUSTOM MADE)	
L119	LCL-E00939	CHIP COIL 82nH $\pm 20\%$	
L120	LCL-E00937	CHIP COIL 56nH $\pm 20\%$	
L122 -129	LCL-E00933	CHIP COIL 22nH $\pm 20\%$	
L130 -131	LCL-E00952	CHIP COIL 1 μ H $\pm 20\%$	
L132	LCL-T00084A	COIL (CUSTOM MADE)	

**R3265A/3271A
SYNTHESIZER BLOCK
BLS-017044 (10 of 25)**

Parts No.	Advantest Stock No.	Description	Note
L133	LCL-E00942	CHIP COIL 150nH ± 10%	
L134	LCL-T00084A	COIL (CUSTOM MADE)	
L135 -138	LCL-E00948	CHIP COIL 0.39 μ H ± 20%	
L139 -140	LCL-E00941	CHIP COIL 120nH ± 10%	
L141	LCL-E00948	CHIP COIL 0.39 μ H ± 20%	
L143	LCL-B01001	COIL 3.9 μ H ± 10%	
L145	LCL-E00948	CHIP COIL 0.39 μ H ± 20%	
L150 -155	LCL-E00933	CHIP COIL 22nH ± 20%	
MX1 -4	DEE-001911	DOUBLE CUSTOM MIXER (CUSTOM MADE)	
P1 -15	DMY-000934-1		
P17 -22	DMY-000934-1		
P24 -26	DMY-000934-1		
P28 -32	DMY-000934-1		
P35 -36	DMY-000934-1		
Q1	STN-2SC2223	NPN TRANSISTOR	
Q2 -3	STP-2SA1226	PNP TRANSISTOR	
Q4	STN-2SC2223	NPN TRANSISTOR	
Q5 -6	STN-2SC2712	NPN TRANSISTOR	
Q10 -11	STN-2SC3356	NPN TRANSISTOR	
Q13	STN-2SC2223	NPN TRANSISTOR	
Q14 -15	STP-2SA1226	PNP TRANSISTOR	
Q16	STN-2SC2223	NPN TRANSISTOR	
Q17 -21	STN-2SC2712	NPN TRANSISTOR	
Q24 -27	STN-2SC3356	NPN TRANSISTOR	
Q30	STN-2SC2223	NPN TRANSISTOR	
Q31 -32	STP-2SA1226	PNP TRANSISTOR	
Q33	STN-2SC2223	NPN TRANSISTOR	
Q34 -35	STN-2SC2712	NPN TRANSISTOR	
Q38	STN-2SC3356	NPN TRANSISTOR	
Q39	STN-2SC3357	NPN TRANSISTOR	
Q40	STN-2SC3356	NPN TRANSISTOR	
Q48 -49	STN-2SC2712	NPN TRANSISTOR	
Q55	SFN-2SK429-1	FIELD-EFFECT TRANSISTOR	
Q56	STN-2SK1059-1	MOS FIELD-EFFECT TRANSISTOR	
Q71 -77	STN-2SC3356	NPN TRANSISTOR	
Q78	STN-2SC3357	NPN TRANSISTOR	
Q79	STP-2SA812	PNP TRANSISTOR	
Q80 -81	STN-2SC2712	NPN TRANSISTOR	
Q82	STN-2SC3356	NPN TRANSISTOR	
Q83	STN-2SC3735B-1	NPN TRANSISTOR	

**R3265A/3271A
SYNTHESIZER BLOCK
BLS-017044 (11 of 25)**

Parts No.	Advantest Stock No.	Description				Note
Q84 -85	STP-2SA1462	PNP	TRANSISTOR			
Q86	STN-2SC3735B-1	NPN	TRANSISTOR			
Q87 -88	STN-2SC2712	NPN	TRANSISTOR			
Q91 -94	STN-2SC2712	NPN	TRANSISTOR			
Q95	STP-2SA812	PNP	TRANSISTOR			
Q96	STN-2SC2712	NPN	TRANSISTOR			
Q98	STN-2SC2884-1	NPN	TRANSISTOR			
Q99	STP-2SA1204	PNP	TRANSISTOR			
Q100 -101	STN-2SC2712	NPN	TRANSISTOR			
Q102	STP-2SA812	PNP	TRANSISTOR			
Q105	STN-2SC2954S	NPN	TRANSISTOR			
Q106	STN-2SC2712	NPN	TRANSISTOR			
R2	RCP-AN27K	FXD	27K Ω	$\pm 0.5\%$	1/10W	
R3	RCP-AN8R2K	FXD	8.2K Ω	$\pm 0.5\%$	1/10W	
R4	RCP-AN1K	FXD	1K Ω	$\pm 0.5\%$	1/10W	
R5	RCP-AN7R5K	FXD	7.5K Ω	$\pm 0.5\%$	1/10W	
R6	RCP-AN3R9K	FXD	3.9K Ω	$\pm 0.5\%$	1/10W	
R7	RCP-AN10K	FXD	10K Ω	$\pm 0.5\%$	1/10W	
R8	RCP-AN680	FXD	680 Ω	$\pm 0.5\%$	1/10W	
R9	RCP-AN39K	FXD	39K Ω	$\pm 0.5\%$	1/10W	
R10	RCP-AN100K	FXD	100K Ω	$\pm 0.5\%$	1/10W	
R11	RCP-AN33	FXD	33 Ω	$\pm 0.5\%$	1/10W	
R12	RCP-AN51K	FXD	51K Ω	$\pm 0.5\%$	1/10W	
R13	RCP-AN11K	FXD	11K Ω	$\pm 0.5\%$	1/10W	
R14	RCP-AN2R2K	FXD	2.2K Ω	$\pm 0.5\%$	1/10W	
R15	RCP-AN1R5K	FXD	1.5K Ω	$\pm 0.5\%$	1/10W	
R16	RCP-AN8R2K	FXD	8.2K Ω	$\pm 0.5\%$	1/10W	
R17	RCP-AN12K	FXD	12K Ω	$\pm 0.5\%$	1/10W	
R18	RCP-AN4R7K	FXD	4.7K Ω	$\pm 0.5\%$	1/10W	
R19	RCP-AN620	FXD	620 Ω	$\pm 0.5\%$	1/10W	
R20	RCP-AN10	FXD	10 Ω	$\pm 0.5\%$	1/10W	
R21	RCP-AN120	FXD	120 Ω	$\pm 0.5\%$	1/10W	
R22	RCP-AN5R1K	FXD	5.1K Ω	$\pm 0.5\%$	1/10W	
R24	RCP-AN5R1K	FXD	5.1K Ω	$\pm 0.5\%$	1/10W	
R25	RCP-AN10K	FXD	10K Ω	$\pm 0.5\%$	1/10W	
R26	RCP-AN620	FXD	620 Ω	$\pm 0.5\%$	1/10W	
R27	RCP-AN51K	FXD	51K Ω	$\pm 0.5\%$	1/10W	
R28	RCP-AN100K	FXD	100K Ω	$\pm 0.5\%$	1/10W	
R29	RCP-AN27	FXD	27 Ω	$\pm 0.5\%$	1/10W	
R30	RCP-AN51K	FXD	51K Ω	$\pm 0.5\%$	1/10W	

**R3265A/3271A
SYNTHESIZER BLOCK
BLS-017044 (12 of 25)**

Parts No.	Advantest Stock No.	Description				Note
R31	RCP-AN6R8K	FXD	6.8K Ω	$\pm 0.5\%$	1/10W	
R32	RCP-AN2R2K	FXD	2.2K Ω	$\pm 0.5\%$	1/10W	
R33	RCP-AN3R3K	FXD	3.3K Ω	$\pm 0.5\%$	1/10W	
R34	RCP-AN3R9K	FXD	3.9K Ω	$\pm 0.5\%$	1/10W	
R37	RCP-AN1R2K	FXD	1.2K Ω	$\pm 0.5\%$	1/10W	
R40	RCP-AN2R2K	FXD	2.2K Ω	$\pm 0.5\%$	1/10W	
R43	RCP-AN9R1K	FXD	9.1K Ω	$\pm 0.5\%$	1/10W	
R44	RCP-AN2R7K	FXD	2.7K Ω	$\pm 0.5\%$	1/10W	
R47	RCP-AN910	FXD	910 Ω	$\pm 0.5\%$	1/10W	
R48 -49	RCP-AN22	FXD	22 Ω	$\pm 0.5\%$	1/10W	
R50	RCP-AN910	FXD	910 Ω	$\pm 0.5\%$	1/10W	
R51 -52	RCP-AN1K	FXD	1K Ω	$\pm 0.5\%$	1/10W	
R53	RCP-AN100	FXD	100 Ω	$\pm 0.5\%$	1/10W	
R54	RCP-AN1K	FXD	1K Ω	$\pm 0.5\%$	1/10W	
R55	RCP-AN6R8K	FXD	6.8K Ω	$\pm 0.5\%$	1/10W	
R56	RCP-AN1K	FXD	1K Ω	$\pm 0.5\%$	1/10W	
R57	RCP-AN100	FXD	100 Ω	$\pm 0.5\%$	1/10W	
R58	RCP-AN18K	FXD	18K Ω	$\pm 0.5\%$	1/10W	
R59	RCP-AN47K	FXD	47K Ω	$\pm 0.5\%$	1/10W	
R60	RCP-AN100K	FXD	100K Ω	$\pm 0.5\%$	1/10W	
R61 -62	RCP-AN2R2K	FXD	2.2K Ω	$\pm 0.5\%$	1/10W	
R63	RCP-AN390	FXD	390 Ω	$\pm 0.5\%$	1/10W	
R64	RCP-AN3R3K	FXD	3.3K Ω	$\pm 0.5\%$	1/10W	
R65	RCP-AN10K	FXD	10K Ω	$\pm 0.5\%$	1/10W	
R66	RCP-AN1K	FXD	1K Ω	$\pm 0.5\%$	1/10W	
R67	RCP-AN3R3K	FXD	3.3K Ω	$\pm 0.5\%$	1/10W	
R68	RCP-AN56	FXD	56 Ω	$\pm 0.5\%$	1/10W	
R69 -70	RCP-AN33	FXD	33 Ω	$\pm 0.5\%$	1/10W	
R71	RCP-AN820	FXD	820 Ω	$\pm 0.5\%$	1/10W	
R72 -73	RCP-AN10K	FXD	10K Ω	$\pm 0.5\%$	1/10W	
R74 -75	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R78	RCP-AN1K	FXD	1K Ω	$\pm 0.5\%$	1/10W	
R79	RCP-AN47	FXD	47 Ω	$\pm 0.5\%$	1/10W	
R80	RCP-AN10K	FXD	10K Ω	$\pm 0.5\%$	1/10W	
R81	RCP-AN4R7K	FXD	4.7K Ω	$\pm 0.5\%$	1/10W	
R82	RCP-AN150	FXD	150 Ω	$\pm 0.5\%$	1/10W	
R83	RCP-AN470	FXD	470 Ω	$\pm 0.5\%$	1/10W	
R84	RCP-AN100	FXD	100 Ω	$\pm 0.5\%$	1/10W	
R85	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R86	RCP-AN18	FXD	18 Ω	$\pm 0.5\%$	1/10W	

**R3265A/3271A
SYNTHESIZER BLOCK
BLS-017044 (13 of 25)**

Parts No.	Advantest Stock No.	Description				Note
R87	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R88	RCP-AN33	FXD	33 Ω	$\pm 0.5\%$	1/10W	
R89	RCP-AN62	FXD	62 Ω	$\pm 0.5\%$	1/10W	
R90	RCP-AN150	FXD	150 Ω	$\pm 0.5\%$	1/10W	
R91	RCP-AN62	FXD	62 Ω	$\pm 0.5\%$	1/10W	
R92	RCP-AN33	FXD	33 Ω	$\pm 0.5\%$	1/10W	
R93	RCP-AN56	FXD	56 Ω	$\pm 0.5\%$	1/10W	
R94	RCP-AN10K	FXD	10K Ω	$\pm 0.5\%$	1/10W	
R95	RCP-AN5R6K	FXD	5.6K Ω	$\pm 0.5\%$	1/10W	
R96	RCP-AN390	FXD	390 Ω	$\pm 0.5\%$	1/10W	
R97	RCP-AN120	FXD	120 Ω	$\pm 0.5\%$	1/10W	
R98	RCP-AN51	FXD	51 Ω	$\pm 0.5\%$	1/10W	
R99	RCP-AN120	FXD	120 Ω	$\pm 0.5\%$	1/10W	
R100	RCP-AN33	FXD	33 Ω	$\pm 0.5\%$	1/10W	
R101 -102	RCP-AN470	FXD	470 Ω	$\pm 0.5\%$	1/10W	
R103	RCP-AN10	FXD	10 Ω	$\pm 0.5\%$	1/10W	
R104	RCP-AN470	FXD	470 Ω	$\pm 0.5\%$	1/10W	
R105	RCP-AN33	FXD	33 Ω	$\pm 0.5\%$	1/10W	
R106	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R107	RCP-AN18	FXD	18 Ω	$\pm 0.5\%$	1/10W	
R109	RCP-AN820	FXD	820 Ω	$\pm 0.5\%$	1/10W	
R110 -111	RCP-AN22	FXD	22 Ω	$\pm 0.5\%$	1/10W	
R112	RCP-AN820	FXD	820 Ω	$\pm 0.5\%$	1/10W	
R113 -114	RCP-AN1K	FXD	1K Ω	$\pm 0.5\%$	1/10W	
R115	RCP-AN100	FXD	100 Ω	$\pm 0.5\%$	1/10W	
R116	RCP-AN1K	FXD	1K Ω	$\pm 0.5\%$	1/10W	
R117	RCP-AN6R8K	FXD	6.8K Ω	$\pm 0.5\%$	1/10W	
R118	RCP-AN1K	FXD	1K Ω	$\pm 0.5\%$	1/10W	
R119	RCP-AN100	FXD	100 Ω	$\pm 0.5\%$	1/10W	
R120	RCP-AN51	FXD	51 Ω	$\pm 0.5\%$	1/10W	
R121	RCP-AN100	FXD	100 Ω	$\pm 0.5\%$	1/10W	
R122	RCP-AN220	FXD	220 Ω	$\pm 0.5\%$	1/10W	
R123	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R124	RCP-AN560	FXD	560 Ω	$\pm 0.5\%$	1/10W	
R125	RCP-AN15K	FXD	15K Ω	$\pm 0.5\%$	1/10W	
R126 -130	RCP-AN2R2K	FXD	2.2K Ω	$\pm 0.5\%$	1/10W	
R131	RCP-AN270	FXD	270 Ω	$\pm 0.5\%$	1/10W	
R132	RCP-AN18	FXD	18 Ω	$\pm 0.5\%$	1/10W	
R133	RCP-AN270	FXD	270 Ω	$\pm 0.5\%$	1/10W	
R134	RCP-AN33	FXD	33 Ω	$\pm 0.5\%$	1/10W	

R3265A/3271A
SYNTHESIZER BLOCK
BLS-017044 (14 of 25)

Parts No.	Advantest Stock No.	Description				Note
R135	RCP-AN10K	FXD	10K Ω	$\pm 0.5\%$	1/10W	
R136	RCP-AN680	FXD	680 Ω	$\pm 0.5\%$	1/10W	
R137	RCP-AN270	FXD	270 Ω	$\pm 0.5\%$	1/10W	
R138	RCP-AN56	FXD	56 Ω	$\pm 0.5\%$	1/10W	
R139 -140	RCP-AN33	FXD	33 Ω	$\pm 0.5\%$	1/10W	
R141	RCP-AN1K	FXD	1K Ω	$\pm 0.5\%$	1/10W	
R142	RCP-AN180	FXD	180 Ω	$\pm 0.5\%$	1/10W	
R143	RCP-AN270	FXD	270 Ω	$\pm 0.5\%$	1/10W	
R144	RCP-AN820	FXD	820 Ω	$\pm 0.5\%$	1/10W	
R145 -149	RCP-AN10K	FXD	10K Ω	$\pm 0.5\%$	1/10W	
R150 -151	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R156	RCP-AN47	FXD	47 Ω	$\pm 0.5\%$	1/10W	
R157	RCP-AN10K	FXD	10K Ω	$\pm 0.5\%$	1/10W	
R158	RCP-AN4R7K	FXD	4.7K Ω	$\pm 0.5\%$	1/10W	
R159	RCP-AN150	FXD	150 Ω	$\pm 0.5\%$	1/10W	
R160	RCP-AN470	FXD	470 Ω	$\pm 0.5\%$	1/10W	
R161	RCP-AN100	FXD	100 Ω	$\pm 0.5\%$	1/10W	
R162	RCP-AN150	FXD	150 Ω	$\pm 0.5\%$	1/10W	
R163	RCP-AN39	FXD	39 Ω	$\pm 0.5\%$	1/10W	
R164	RCP-AN150	FXD	150 Ω	$\pm 0.5\%$	1/10W	
R165	RCP-AN33	FXD	33 Ω	$\pm 0.5\%$	1/10W	
R166	RCP-AN150	FXD	150 Ω	$\pm 0.5\%$	1/10W	
R167	RCP-AN39	FXD	39 Ω	$\pm 0.5\%$	1/10W	
R168	RCP-AN150	FXD	150 Ω	$\pm 0.5\%$	1/10W	
R169 -170	RCP-AN33	FXD	33 Ω	$\pm 0.5\%$	1/10W	
R171	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R172	RCP-AN18	FXD	18 Ω	$\pm 0.5\%$	1/10W	
R176	RCP-AN100	FXD	100 Ω	$\pm 0.5\%$	1/10W	
R177	RCP-AN10K	FXD	10K Ω	$\pm 0.5\%$	1/10W	
R178	RCP-AN5R6K	FXD	5.6K Ω	$\pm 0.5\%$	1/10W	
R179	RCP-AN390	FXD	390 Ω	$\pm 0.5\%$	1/10W	
R180	RCP-AN150	FXD	150 Ω	$\pm 0.5\%$	1/10W	
R181	RCP-AN39	FXD	39 Ω	$\pm 0.5\%$	1/10W	
R182	RCP-AN150	FXD	150 Ω	$\pm 0.5\%$	1/10W	
R183	RCP-AN33	FXD	33 Ω	$\pm 0.5\%$	1/10W	
R185	RCP-AN10K	FXD	10K Ω	$\pm 0.5\%$	1/10W	
R186	RCP-AN4R7K	FXD	4.7K Ω	$\pm 0.5\%$	1/10W	
R187	RCP-AN150	FXD	150 Ω	$\pm 0.5\%$	1/10W	
R188	RCP-AN470	FXD	470 Ω	$\pm 0.5\%$	1/10W	
R189	RCP-AN100	FXD	100 Ω	$\pm 0.5\%$	1/10W	

**R3265A/3271A
SYNTHESIZER BLOCK
BLS-017044 (15 of 25)**

Parts No.	Advantest Stock No.	Description				Note
R190	RCP-AN47	FXD	47 Ω	$\pm 0.5\%$	1/10W	
R191	RCP-AN10K	FXD	10K Ω	$\pm 0.5\%$	1/10W	
R192	RCP-AN4R7K	FXD	4.7K Ω	$\pm 0.5\%$	1/10W	
R193	RCP-AN150	FXD	150 Ω	$\pm 0.5\%$	1/10W	
R194	RCP-AN470	FXD	470 Ω	$\pm 0.5\%$	1/10W	
R195	RCP-AN100	FXD	100 Ω	$\pm 0.5\%$	1/10W	
R196	RCP-AN150	FXD	150 Ω	$\pm 0.5\%$	1/10W	
R197	RCP-AN39	FXD	39 Ω	$\pm 0.5\%$	1/10W	
R198	RCP-AN150	FXD	150 Ω	$\pm 0.5\%$	1/10W	
R199	RCP-AN33	FXD	33 Ω	$\pm 0.5\%$	1/10W	
R200	RCP-AN150	FXD	150 Ω	$\pm 0.5\%$	1/10W	
R201	RCP-AN39	FXD	39 Ω	$\pm 0.5\%$	1/10W	
R202	RCP-AN150	FXD	150 Ω	$\pm 0.5\%$	1/10W	
R203	RCP-AN33	FXD	33 Ω	$\pm 0.5\%$	1/10W	
R204	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R205	RCP-AN18	FXD	18 Ω	$\pm 0.5\%$	1/10W	
R206	RCP-AN47	FXD	47 Ω	$\pm 0.5\%$	1/10W	
R208	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R209	RCP-AN18	FXD	18 Ω	$\pm 0.5\%$	1/10W	
R213	RCP-AN820	FXD	820 Ω	$\pm 0.5\%$	1/10W	
R214 -215	RCP-AN22	FXD	22 Ω	$\pm 0.5\%$	1/10W	
R216	RCP-AN820	FXD	820 Ω	$\pm 0.5\%$	1/10W	
R217 -218	RCP-AN1K	FXD	1K Ω	$\pm 0.5\%$	1/10W	
R219	RCP-AN100	FXD	100 Ω	$\pm 0.5\%$	1/10W	
R220	RCP-AN1K	FXD	1K Ω	$\pm 0.5\%$	1/10W	
R221	RCP-AN6R8K	FXD	6.8K Ω	$\pm 0.5\%$	1/10W	
R222	RCP-AN1K	FXD	1K Ω	$\pm 0.5\%$	1/10W	
R223	RCP-AN100	FXD	100 Ω	$\pm 0.5\%$	1/10W	
R224	RCP-AN2R7K	FXD	2.7K Ω	$\pm 0.5\%$	1/10W	
R225	RCP-AN1R5K	FXD	1.5K Ω	$\pm 0.5\%$	1/10W	
R226	RCP-AN33	FXD	33 Ω	$\pm 0.5\%$	1/10W	
R227 -228	RCPAN2R2K	FXD	2.2K Ω	$\pm 0.5\%$	1/10W	
R229	RCP-AN10K	FXD	10K Ω	$\pm 0.5\%$	1/10W	
R230	RCP-AN1R2K	FXD	1.2K Ω	$\pm 0.5\%$	1/10W	
R231	RCP-AN510	FXD	510 Ω	$\pm 0.5\%$	1/10W	
R232	RCPAN8R2K	FXD	8.2K Ω	$\pm 0.5\%$	1/10W	
R233	RCP-AN56	FXD	56 Ω	$\pm 0.5\%$	1/10W	
R234 -235	RCP-AN33	FXD	33 Ω	$\pm 0.5\%$	1/10W	
R236	RCP-AN560	FXD	560 Ω	$\pm 0.5\%$	1/10W	
R237	RCP-AN270	FXD	270 Ω	$\pm 0.5\%$	1/10W	

**R3265A/3271A
SYNTHESIZER BLOCK
BLS-017044 (16 of 25)**

Parts No.	Advantest Stock No.	Description				Note
R239	RCP-AN10K	FXD	10K Ω	$\pm 0.5\%$	1/10W	
R240	RCP-AN33	FXD	33 Ω	$\pm 0.5\%$	1/10W	
R241	RCP-AN680	FXD	680 Ω	$\pm 0.5\%$	1/10W	
R242	RCP-AN270	FXD	270 Ω	$\pm 0.5\%$	1/10W	
R243	RCP-AN2R2K	FXD	2.2K Ω	$\pm 0.5\%$	1/10W	
R244	RCP-AN47	FXD	47 Ω	$\pm 0.5\%$	1/10W	
R245	RCP-AN10K	FXD	10K Ω	$\pm 0.5\%$	1/10W	
R246	RCP-AN4R7K	FXD	4.7K Ω	$\pm 0.5\%$	1/10W	
R247	RCP-AN150	FXD	150 Ω	$\pm 0.5\%$	1/10W	
R248	RCP-AN470	FXD	470 Ω	$\pm 0.5\%$	1/10W	
R249	RCP-AN100	FXD	100 Ω	$\pm 0.5\%$	1/10W	
R250	RCP-AN150	FXD	150 Ω	$\pm 0.5\%$	1/10W	
R251	RCP-AN39	FXD	39 Ω	$\pm 0.5\%$	1/10W	
R252	RCP-AN150	FXD	150 Ω	$\pm 0.5\%$	1/10W	
R253	RCP-AN33	FXD	33 Ω	$\pm 0.5\%$	1/10W	
R257	RCP-AN33	FXD	33 Ω	$\pm 0.5\%$	1/10W	
R258	RCP-AN100	FXD	100 Ω	$\pm 0.5\%$	1/10W	
R259	RCP-AN10K	FXD	10K Ω	$\pm 0.5\%$	1/10W	
R260	RCP-AN5R6K	FXD	5.6K Ω	$\pm 0.5\%$	1/10W	
R261	RCP-AN390	FXD	390 Ω	$\pm 0.5\%$	1/10W	
R262	RCP-AN100	FXD	100 Ω	$\pm 0.5\%$	1/10W	
R263	RCP-AN62	FXD	62 Ω	$\pm 0.5\%$	1/10W	
R264	RCP-AN100	FXD	100 Ω	$\pm 0.5\%$	1/10W	
R265	RCP-AN33	FXD	33 Ω	$\pm 0.5\%$	1/10W	
R266	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R267	RCP-AN18	FXD	18 Ω	$\pm 0.5\%$	1/10W	
R268	RCP-AN47	FXD	47 Ω	$\pm 0.5\%$	1/10W	
R269	RCP-AN10K	FXD	10K Ω	$\pm 0.5\%$	1/10W	
R270	RCP-AN5R6K	FXD	5.6K Ω	$\pm 0.5\%$	1/10W	
R271	RCP-AN10	FXD	10 Ω	$\pm 0.5\%$	1/10W	
R272	RCP-AN470	FXD	470 Ω	$\pm 0.5\%$	1/10W	
R273	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R274	RCP-AN18	FXD	18 Ω	$\pm 0.5\%$	1/10W	
R276	RCP-AN10	FXD	10 Ω	$\pm 0.5\%$	1/10W	
R277 -280	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R301 -302	RCP-AN2R2K	FXD	2.2K Ω	$\pm 0.5\%$	1/10W	
R307	RCP-AN47	FXD	47 Ω	$\pm 0.5\%$	1/10W	
R309	RCP-AN220	FXD	220 Ω	$\pm 0.5\%$	1/10W	
R310	RCP-AN680	FXD	680 Ω	$\pm 0.5\%$	1/10W	
R311 -312	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	

**R3265A/3271A
SYNTHESIZER BLOCK
BLS-017044 (17 of 25)**

Parts No.	Advantest Stock No.	Description				Note
R313	RCP-AN180	FXD	180 Ω	$\pm 0.5\%$	1/10W	
R314	RCP-AN270	FXD	270 Ω	$\pm 0.5\%$	1/10W	
R315	RCP-AN820	FXD	820 Ω	$\pm 0.5\%$	1/10W	
R316	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R319	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R323	RCP-AN220	FXD	220 Ω	$\pm 0.5\%$	1/10W	
R324	RCP-AN680	FXD	680 Ω	$\pm 0.5\%$	1/10W	
R325	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R326	RCP-AN1K	FXD	1K Ω	$\pm 0.5\%$	1/10W	
R331 -334	RCP-AN2R2K	FXD	2.2K Ω	$\pm 0.5\%$	1/10W	
R335	RCP-AN11K	FXD	11K Ω	$\pm 0.5\%$	1/10W	
R336	RCP-AN4R7K	FXD	4.7K Ω	$\pm 0.5\%$	1/10W	
R337	RCP-AN11K	FXD	11K Ω	$\pm 0.5\%$	1/10W	
R338 -339	RCP-AN10K	FXD	10K Ω	$\pm 0.5\%$	1/10W	
R340	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R342	RCP-AN10K	FXD	10K Ω	$\pm 0.5\%$	1/10W	
R343	RCP-AN39K	FXD	39K Ω	$\pm 0.5\%$	1/10W	
R344 -345	RCP-AN10K	FXD	10K Ω	$\pm 0.5\%$	1/10W	
R346	RCP-AN56K	FXD	56K Ω	$\pm 0.5\%$	1/10W	
R347	RCP-AN11K	FXD	11K Ω	$\pm 0.5\%$	1/10W	
R442	RCP-AN15K	FXD	15K Ω	$\pm 0.5\%$	1/10W	
R444	RCP-AN56	FXD	56 Ω	$\pm 0.5\%$	1/10W	
R445	RCP-AN10K	FXD	10K Ω	$\pm 0.5\%$	1/10W	
R446	RCP-AN4R7K	FXD	4.7K Ω	$\pm 0.5\%$	1/10W	
R447	RCP-AN150	FXD	150 Ω	$\pm 0.5\%$	1/10W	
R448	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R449	RCP-AN10	FXD	10 Ω	$\pm 0.5\%$	1/10W	
R450	RCP-AN100	FXD	100 Ω	$\pm 0.5\%$	1/10W	
R451	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R452	RCP-AN18	FXD	18 Ω	$\pm 0.5\%$	1/10W	
R453	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R454	RCP-AN4R7K	FXD	4.7K Ω	$\pm 0.5\%$	1/10W	
R455	RCP-AN10K	FXD	10K Ω	$\pm 0.5\%$	1/10W	
R456	RCP-AN220	FXD	220 Ω	$\pm 0.5\%$	1/10W	
R457	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R458	RCP-AJ3R3	FXD	3.3 Ω	$\pm 10\%$	1/10W	
R459	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R460	RCP-AN18	FXD	82 Ω	$\pm 0.5\%$	1/10W	
R461	RCP-AN330	FXD	100 Ω	$\pm 0.5\%$	1/10W	
R462	RCP-AN82	FXD	82 Ω	$\pm 0.5\%$	1/10W	

**R3265A/3271A
SYNTHESIZER BLOCK
BLS-017044 (18 of 25)**

Parts No.	Advantest Stock No.	Description				Note
R463	RCP-AN100	FXD	100 Ω	$\pm 0.5\%$	1/10W	
R464	RCP-AN82	FXD	82 Ω	$\pm 0.5\%$	1/10W	
R465	RCP-AN4R7K	FXD	4.7K Ω	$\pm 0.5\%$	1/10W	
R466	RCP-AN10K	FXD	10K Ω	$\pm 0.5\%$	1/10W	
R467	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R469	RCP-AN220	FXD	220 Ω	$\pm 0.5\%$	1/10W	
R470	RCP-AN82	FXD	82 Ω	$\pm 0.5\%$	1/10W	
R471	RCP-AN100	FXD	100 Ω	$\pm 0.5\%$	1/10W	
R472	RCP-AN82	FXD	82 Ω	$\pm 0.5\%$	1/10W	
R473	RCP-AN4R7K	FXD	4.7K Ω	$\pm 0.5\%$	1/10W	
R474	RCP-AN10K	FXD	10K Ω	$\pm 0.5\%$	1/10W	
R475	RCP-AN220	FXD	220 Ω	$\pm 0.5\%$	1/10W	
R476	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R478	RCP-AN150	FXD	150 Ω	$\pm 0.5\%$	1/10W	
R479 -480	RCP-AN39	FXD	39 Ω	$\pm 0.5\%$	1/10W	
R481	RCP-AN5R6K	FXD	5.6K Ω	$\pm 0.5\%$	1/10W	
R482	RCP-AN10K	FXD	10K Ω	$\pm 0.5\%$	1/10W	
R483	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R485	RCP-AN56	FXD	56 Ω	$\pm 0.5\%$	1/10W	
R486	RCP-AN10K	FXD	10K Ω	$\pm 0.5\%$	1/10W	
R487	RCP-AN4R7K	FXD	4.7K Ω	$\pm 0.5\%$	1/10W	
R488	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R489	RCP-AN10	FXD	10 Ω	$\pm 0.5\%$	1/10W	
R490	RCP-AN150	FXD	150 Ω	$\pm 0.5\%$	1/10W	
R491	RCP-AN100	FXD	100 Ω	$\pm 0.5\%$	1/10W	
R492	RCP-AN150	FXD	150 Ω	$\pm 0.5\%$	1/10W	
R493	RCP-AN47	FXD	47 Ω	$\pm 0.5\%$	1/10W	
R494	RCP-AN51	FXD	51 Ω	$\pm 0.5\%$	1/10W	
R495	RCP-AN4R7K	FXD	4.7K Ω	$\pm 0.5\%$	1/10W	
R496	RCP-AN10K	FXD	10K Ω	$\pm 0.5\%$	1/10W	
R497	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R500	RCP-AN150	FXD	150 Ω	$\pm 0.5\%$	1/10W	
R501	RCP-AN39	FXD	39 Ω	$\pm 0.5\%$	1/10W	
R502	RCP-AN47	FXD	47 Ω	$\pm 0.5\%$	1/10W	
R503	RCP-AN4R7K	FXD	4.7K Ω	$\pm 0.5\%$	1/10W	
R504	RCP-AN10K	FXD	10K Ω	$\pm 0.5\%$	1/10W	
R505	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R506	RCP-AN470	FXD	470 Ω	$\pm 0.5\%$	1/10W	
R507	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R508	RCP-AN18	FXD	18 Ω	$\pm 0.5\%$	1/10W	

**R3265A/3271A
SYNTHESIZER BLOCK
BLS-017044 (19 of 25)**

Parts No.	Advantest Stock No.	Description				Note
R509	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R510	RCP-AN4R7K	FXD	4.7K Ω	$\pm 0.5\%$	1/10W	
R511	RCP-AN5R6K	FXD	5.6K Ω	$\pm 0.5\%$	1/10W	
R512 -513	RCP-AN4R7K	FXD	4.7K Ω	$\pm 0.5\%$	1/10W	
R514 -515	RCP-AN2R2K	FXD	2.2K Ω	$\pm 0.5\%$	1/10W	
R516 -517	RCP-AN4R7K	FXD	4.7K Ω	$\pm 0.5\%$	1/10W	
R518	RCP-AN2R2K	FXD	2.2K Ω	$\pm 0.5\%$	1/10W	
R519 -520	RCP-AN4R7K	FXD	4.7K Ω	$\pm 0.5\%$	1/10W	
R521	RCP-AN2R2K	FXD	2.2K Ω	$\pm 0.5\%$	1/10W	
R522 -523	RCP-AN4R7K	FXD	4.7K Ω	$\pm 0.5\%$	1/10W	
R524	RCP-AN2R2K	FXD	2.2K Ω	$\pm 0.5\%$	1/10W	
R525	RCP-AN5R6K	FXD	5.6K Ω	$\pm 0.5\%$	1/10W	
R526 -527	RCP-AN4R7K	FXD	4.7K Ω	$\pm 0.5\%$	1/10W	
R528	RCP-AN27K	FXD	27K Ω	$\pm 0.5\%$	1/10W	
R529	RVR-DF10K	VAR	10K Ω	$\pm 20\%$	1/2W	
R530	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R531	RCP-AN33K	FXD	33K Ω	$\pm 0.5\%$	1/10W	
R533	RCP-AN33	FXD	33 Ω	$\pm 0.5\%$	1/10W	
R534	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R535	RCP-AN680	FXD	680 Ω	$\pm 0.5\%$	1/10W	
R537	RCP-AN5R6K	FXD	5.6K Ω	$\pm 0.5\%$	1/10W	
R538	RCP-AN4R7K	FXD	4.7K Ω	$\pm 0.5\%$	1/10W	
R539 -541	RCP-AN2R2K	FXD	2.2K Ω	$\pm 0.5\%$	1/10W	
R542	RCP-AN12K	FXD	12K Ω	$\pm 0.5\%$	1/10W	
R543	RCP-AN2R2K	FXD	2.2K Ω	$\pm 0.5\%$	1/10W	
R544	RCP-AN56	FXD	56 Ω	$\pm 0.5\%$	1/10W	
R545	RCP-AN10K	FXD	10K Ω	$\pm 0.5\%$	1/10W	
R546	RCP-AN4R7K	FXD	4.7K Ω	$\pm 0.5\%$	1/10W	
R547	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R548	RCP-AN10	FXD	10 Ω	$\pm 0.5\%$	1/10W	
R549	RCP-AN150	FXD	150 Ω	$\pm 0.5\%$	1/10W	
R550	RCP-AN1K	FXD	1K Ω	$\pm 0.5\%$	1/10W	
R551	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R552	RCP-AN15	FXD	15 Ω	$\pm 0.5\%$	1/10W	
R553	RCP-AN470	FXD	470 Ω	$\pm 0.5\%$	1/10W	
R554	RCP-AN680	FXD	680 Ω	$\pm 0.5\%$	1/10W	
R555	RCP-AN270	FXD	270 Ω	$\pm 0.5\%$	1/10W	
R556	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R557 -560	RCP-AN270	FXD	270 Ω	$\pm 0.5\%$	1/10W	
R561 -562	RAY-AL820Q6	RESISTOR ASSEMBLY 820 $\Omega \times 6$				

**R3265A/3271A
SYNTHESIZER BLOCK
BLS-017044 (20 of 25)**

Parts No.	Advantest Stock No.	Description	Note
R563 -574	RCP-AN270	FXD 270 Ω \pm 0.5% 1/10W	
R575 -576	RAY-AL180Q6	RESISTOR ASSEMBLY 180 Ω \times 6	
R577	RCP-AN270	FXD 270 Ω \pm 0.5% 1/10W	
R578	RCP-AN330	FXD 330 Ω \pm 0.5% 1/10W	
R579	RCP-AN390	FXD 390 Ω \pm 0.5% 1/10W	
R580 -581	RCP-AN330	FXD 330 Ω \pm 0.5% 1/10W	
R582	RCP-AN680	FXD 680 Ω \pm 0.5% 1/10W	
R583	RCP-AN4R7K	FXD 4.7K Ω \pm 0.5% 1/10W	
R584	RCP-AN330	FXD 330 Ω \pm 0.5% 1/10W	
R585	RCP-AN82	FXD 82 Ω \pm 0.5% 1/10W	
R586	RCP-AN330	FXD 330 Ω \pm 0.5% 1/10W	
R587	RCP-AN1K	FXD 1K Ω \pm 0.5% 1/10W	
R588	RCP-AN5R6K	FXD 5.6K Ω \pm 0.5% 1/10W	
R589	RVR-DF10K	VAR 10K Ω \pm 20% 1/2W	
R590	RCP-AN5R6K	FXD 5.6K Ω \pm 0.5% 1/10W	
R591	RCP-AN270	FXD 270 Ω \pm 0.5% 1/10W	
R592 -593	RCP-AN2R2K	FXD 2.2K Ω \pm 0.5% 1/10W	
R594	RCP-AN68	FXD 68 Ω \pm 0.5% 1/10W	
R595	RCP-AJ6R8	FXD 6.8 Ω \pm 10% 1/10W	
R600 -601	RCP-AN1M	FXD 1M Ω \pm 0.5% 1/10W	
R602	RCP-AN180	FXD 180 Ω \pm 0.5% 1/10W	
R603	RCP-AN270	FXD 270 Ω \pm 0.5% 1/10W	
R604	RCP-AN820	FXD 820 Ω \pm 0.5% 1/10W	
R605	RCP-AN180	FXD 180 Ω \pm 0.5% 1/10W	
R606	RCP-AN270	FXD 270 Ω \pm 0.5% 1/10W	
R607	RCP-AN820	FXD 820 Ω \pm 0.5% 1/10W	
R612	RCP-AN820	FXD 820 Ω \pm 0.5% 1/10W	
R613	RCP-AN270	FXD 270 Ω \pm 0.5% 1/10W	
R614	RCP-AN180	FXD 180 Ω \pm 0.5% 1/10W	
R615	RCP-AN22	FXD 22 Ω \pm 0.5% 1/10W	
R619 -622	RCP-AN2R2K	FXD 2.2K Ω \pm 0.5% 1/10W	
R624	RCP-AN2R2K	FXD 2.2K Ω \pm 0.5% 1/10W	
R630	RCP-AN220	FXD 220 Ω \pm 0.5% 1/10W	
R631	RCP-AN10K	FXD 10K Ω \pm 0.5% 1/10W	
R632	RCP-AN47K	FXD 47K Ω \pm 0.5% 1/10W	
R633 -635	RCP-AN10	FXD 10 Ω \pm 0.5% 1/10W	
R636	RCP-AN680	FXD 680 Ω \pm 0.5% 1/10W	
R640 -641	RCP-AN56	FXD 56 Ω \pm 0.5% 1/10W	
R642	RCP-AN100	FXD 100 Ω \pm 0.5% 1/10W	
R643	RCP-AN62	FXD 62 Ω \pm 0.5% 1/10W	

**R3265A/3271A
SYNTHESIZER BLOCK
BLS-017044 (21 of 25)**

Parts No.	Advantest Stock No.	Description				Note
R644	RCP-AN100	FXD	100 Ω	$\pm 0.5\%$	1/10W	
R645	RCP-AN220	FXD	220 Ω	$\pm 0.5\%$	1/10W	
R646	RCP-AN22	FXD	22 Ω	$\pm 0.5\%$	1/10W	
R647	RCP-AN220	FXD	220 Ω	$\pm 0.5\%$	1/10W	
R648 -650	RCP-AN47K	FXD	47K Ω	$\pm 0.5\%$	1/10W	
R651	RCP-AN1K	FXD	1K Ω	$\pm 0.5\%$	1/10W	
R652 -653	RCP-AN56	FXD	56 Ω	$\pm 0.5\%$	1/10W	
R654	RCP-AN1R2K	FXD	1.2K Ω	$\pm 0.5\%$	1/10W	
R655 -656	RCP-AN2R2K	FXD	2.2K Ω	$\pm 0.5\%$	1/10W	
R657	RCP-AN150	FXD	150 Ω	$\pm 0.5\%$	1/10W	
R658	RCP-AN39	FXD	39 Ω	$\pm 0.5\%$	1/10W	
R659	RCP-AN150	FXD	150 Ω	$\pm 0.5\%$	1/10W	
R660	RCP-AN2R2K	FXD	2.2K Ω	$\pm 0.5\%$	1/10W	
R661 -662	RCP-AN5R6K	FXD	5.6K Ω	$\pm 0.5\%$	1/10W	
R663	RCP-AN750	FXD	750 Ω	$\pm 0.5\%$	1/10W	
R664	RCP-AN2R2K	FXD	2.2K Ω	$\pm 0.5\%$	1/10W	
R665	RCP-AN3R9K	FXD	3.9K Ω	$\pm 0.5\%$	1/10W	
R666	RCP-AN2K	FXD	2K Ω	$\pm 0.5\%$	1/10W	
R667	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R668	RCP-AN11K	FXD	11K Ω	$\pm 0.5\%$	1/10W	
R669	RVR-DF1K	VAR	1K Ω	$\pm 20\%$	1/2W	
R671	RVR-DF5K	VAR	5K Ω	$\pm 20\%$	1/2W	
R672	RCP-AN62	FXD	62 Ω	$\pm 0.5\%$	1/10W	
R673	RCP-AN82	FXD	82 Ω	$\pm 0.5\%$	1/10W	
R674 -675	RVR-DF1K	VAR	1K Ω	$\pm 20\%$	1/2W	
R677	RCP-AN4R7K	FXD	4.7K Ω	$\pm 0.5\%$	1/10W	
R680	RCP-AN47	FXD	47 Ω	$\pm 0.5\%$	1/10W	
R682 -684	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R685	RCP-AN75	FXD	75 Ω	$\pm 0.5\%$	1/10W	
R686	RCP-AN120	FXD	120 Ω	$\pm 0.5\%$	1/10W	
R687	RCP-AN75	FXD	75 Ω	$\pm 0.5\%$	1/10W	
R688	RCP-AN33	FXD	33 Ω	$\pm 0.5\%$	1/10W	
R689	RCP-AN390	FXD	390 Ω	$\pm 0.5\%$	1/10W	
R690	RCP-AN5R6K	FXD	5.6K Ω	$\pm 0.5\%$	1/10W	
R691	RCP-AN220	FXD	220 Ω	$\pm 0.5\%$	1/10W	
R692	RCP-AN100	FXD	100 Ω	$\pm 0.5\%$	1/10W	
R700 -701	RCP-AN330	FXD	330 Ω	$\pm 0.5\%$	1/10W	
R702 -705	RCP-AN270	FXD	270 Ω	$\pm 0.5\%$	1/10W	
R706	RCP-AN680	FXD	680 Ω	$\pm 0.5\%$	1/10W	
R707	RCP-AN100K	FXD	100K Ω	$\pm 0.5\%$	1/10W	

**R3265A/3271A
SYNTHESIZER BLOCK
BLS-017044 (22 of 25)**

Parts No.	Advantest Stock No.	Description				Note
R708	RCP-AN680	FXD	680 Ω	$\pm 0.5\%$	1/10W	
R709	RCP-AN220	FXD	220 Ω	$\pm 0.5\%$	1/10W	
R710	RCP-AN750	FXD	750 Ω	$\pm 0.5\%$	1/10W	
R711	RCP-AN470	FXD	470 Ω	$\pm 0.5\%$	1/10W	
R712	RCP-AN680	FXD	680 Ω	$\pm 0.5\%$	1/10W	
R713	RCP-AN100	FXD	100 Ω	$\pm 0.5\%$	1/10W	
R714	RCP-AJ3R3	FXD	3.3 Ω	$\pm 10\%$	1/10W	
R715	RCP-AN33	FXD	33 Ω	$\pm 0.5\%$	1/10W	
R716 -717	RCP-AN2R2K	FXD	2.2K Ω	$\pm 0.5\%$	1/10W	
R718	PCP-AN150	FXD	150 Ω	$\pm 0.5\%$	1/10W	
R719	PCP-AN39	FXD	39 Ω	$\pm 0.5\%$	1/10W	
R720	PCP-AN150	FXD	150 Ω	$\pm 0.5\%$	1/10W	
R721	PCP-AN1K	FXD	1K Ω	$\pm 0.5\%$	1/10W	
R722	PCP-AN10K	FXD	10K Ω	$\pm 0.5\%$	1/10W	
R723	PCP-AN33	FXD	33 Ω	$\pm 0.5\%$	1/10W	
R724	PCP-AN10	FXD	10 Ω	$\pm 0.5\%$	1/10W	
R725	PCP-AN39K	FXD	39K Ω	$\pm 0.5\%$	1/10W	
R726 -727	PCP-AN56K	FXD	56K Ω	$\pm 0.5\%$	1/10W	
R728	RVR-DF5K	VAR	5K Ω	$\pm 20\%$	1/2W	
R729 -730	PCP-AN3R9K	FXD	3.9K Ω	$\pm 0.5\%$	1/10W	
R731	PCP-AN470	FXD	470 Ω	$\pm 0.5\%$	1/10W	
R732	PCP-AN270	FXD	270 Ω	$\pm 0.5\%$	1/10W	
R733	PCP-AN15	FXD	15 Ω	$\pm 0.5\%$	1/10W	
R734	PCP-AN47	FXD	47 Ω	$\pm 0.5\%$	1/10W	
R735	PCP-AN560	FXD	560 Ω	$\pm 0.5\%$	1/10W	
R736	PCP-AN10	FXD	10 Ω	$\pm 0.5\%$	1/10W	
R737	PCP-AN820	FXD	820 Ω	$\pm 0.5\%$	1/10W	
R738 -739	PCP-AN10K	FXD	10K Ω	$\pm 0.5\%$	1/10W	
R740	PCP-AN150	FXD	150 Ω	$\pm 0.5\%$	1/10W	
R741	PCP-AN39	FXD	39 Ω	$\pm 0.5\%$	1/10W	
R742	PCP-AN150	FXD	150 Ω	$\pm 0.5\%$	1/10W	
R747	PCP-AN1R5K	FXD	1.5K Ω	$\pm 0.5\%$	1/10W	
R748 -751	PCP-AN15	FXD	15 Ω	$\pm 0.5\%$	1/10W	
R754	PCP-AN680	FXD	680 Ω	$\pm 0.5\%$	1/10W	
R755	PCP-AN150	FXD	150 Ω	$\pm 0.5\%$	1/10W	
R756	PCP-AN47	FXD	47 Ω	$\pm 0.5\%$	1/10W	
R757	PCP-AN7R5K	FXD	7.5K Ω	$\pm 0.5\%$	1/10W	
R758	PCP-AN39K	FXD	39K Ω	$\pm 0.5\%$	1/10W	
R759	PCP-AN91	FXD	91 Ω	$\pm 0.5\%$	1/10W	
R760	PCP-AN18K	FXD	18K Ω	$\pm 0.5\%$	1/10W	

**R3265A/3271A
SYNTHESIZER BLOCK
BLS-017044 (23 of 25)**

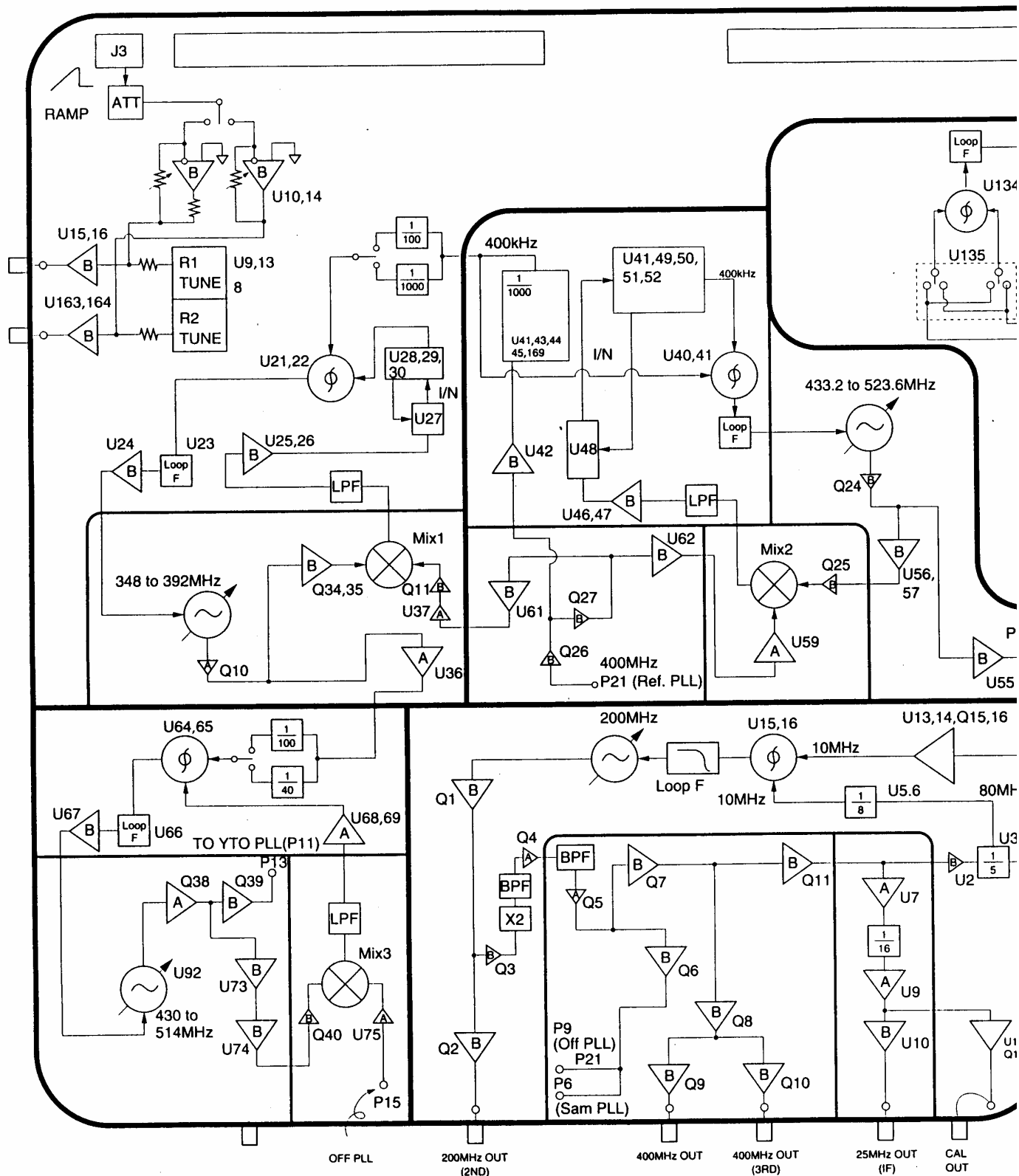
Parts No.	Advantest Stock No.	Description	Note
R761	RCP-AN820	FXD 820 Ω $\pm 0.5\%$ 1/10W	
R762	RCP-AN1K	FXD 1K Ω $\pm 0.5\%$ 1/10W	
R770	RCP-AN100	FXD 100 Ω $\pm 0.5\%$ 1/10W	
R780 -781	RCB-AG470	FXD 470 Ω $\pm 5\%$ 1/8W	
R782	RCP-AN33	FXD 33 Ω $\pm 0.5\%$ 1/10W	
R783	RCB-AG270K	FXD 270K Ω $\pm 5\%$ 1/8W	
R784	RCP-AN15	FXD 15 Ω $\pm 0.5\%$ 1/10W	
R785	RCP-AN22	FXD 22 Ω $\pm 0.5\%$ 1/10W	
TP1 -2	JTE-AH001JX01	CHECK PIN	
U1	SIM-74HC138S	1-OF-8 DECODER/DEMULPLEXER	
U2	SIM-74HC00S	QUAD 2-INPUT NAND GATE	
U3 -4	SIM-74HC32S	QUAD 2-INPUT OR GATE	
U5 -7	SIM-CXD1095	I/O EXPANDER	
U8	SIA-DA7226HP	LCCMOS QUAD 8BIT D/A CONVERTERS	
U9 -10	SIA-DA7528S-4	DUAL 8-BIT BUFFERED MULTIPLYING CMOS D/A CONVERTER	
U11	SIA-DG201S-1	QUAD ANALOG SWITCHES	
U12 -14	SIA-TL072CPS	OPAMP DUAL LOW NOISE	
U15 -16	SIA-OP07PS	ULTRA-LOW OFFSET VOLTAGE OP AMP	
U18	SIM-74HC574S	QUAD 3-STATE NONINVERTING DFLIP-FLOP	
U21	SIT-74LS112S	DUAL J-K NEGATIVE-EDGE-TRIGGERED FLIP-FLOP	
U22	SIT-74LS00S	QUAD 2-INPUT NAND GATE	
U23	SIA-TL072CPS	OP AMP DUAL LOW NOISE	
U24	SIA-398-2	MONOLITHIC SAMPLE AND HOLD CIRCUIT	
U25	SIA-1676	BIPOLAR ANALOG INTEGRATED CIRCUIT	
U26	SIA-1675	BIPOLAR ANALOG INTEGRATED CIRCUIT	
U27	SIC-12013	TWO-MODULUS PRESCALER	
U28	SIM-74HC00S	QUAD 2-INPUT NAND GATE	
U29	SIM-145151S-1	PARALLEL INPUT PLL FREQUENCY SYNTHESIZER	
U30	SIT-74LS163S	SYNCHRONOUS 4-BIT COUNTERS	
U31	SIT-74LS00S	QUAD 2-INPUT NAND GATE	
U34 -37	SIA-1675	BIPOLAR ANALOG INTEGRATED CIRCUIT	
U40	SIT-74F112S	DUAL J-K NEGATIVE-EDGE-TRIGGERED FLIP-FLOP	
U41	SIT-74F00S	QUAD 2-INPUT NAND GATE	
U42	SIA-1675	BIPOLAR ANALOG INTEGRATED CIRCUIT	
U43	SIC-572	500MHz DUAL MODULUS PRESCALER	
U44	SIA-1676	BIPOLAR ANALOG INTEGRATED CIRCUIT	
U45	SIT-74LS390S	DUAL DECADE COUNTERS	
U46 -47	SIA-1675	BIPOLAR ANALOG INTEGRATED CIRCUIT	
U48	SIC-MC12009P	TWO-MODULUS PRESCALER	
U49 -51	SIT-74F163S	SYNCHRONOUS 4-BIT COUNTERS	

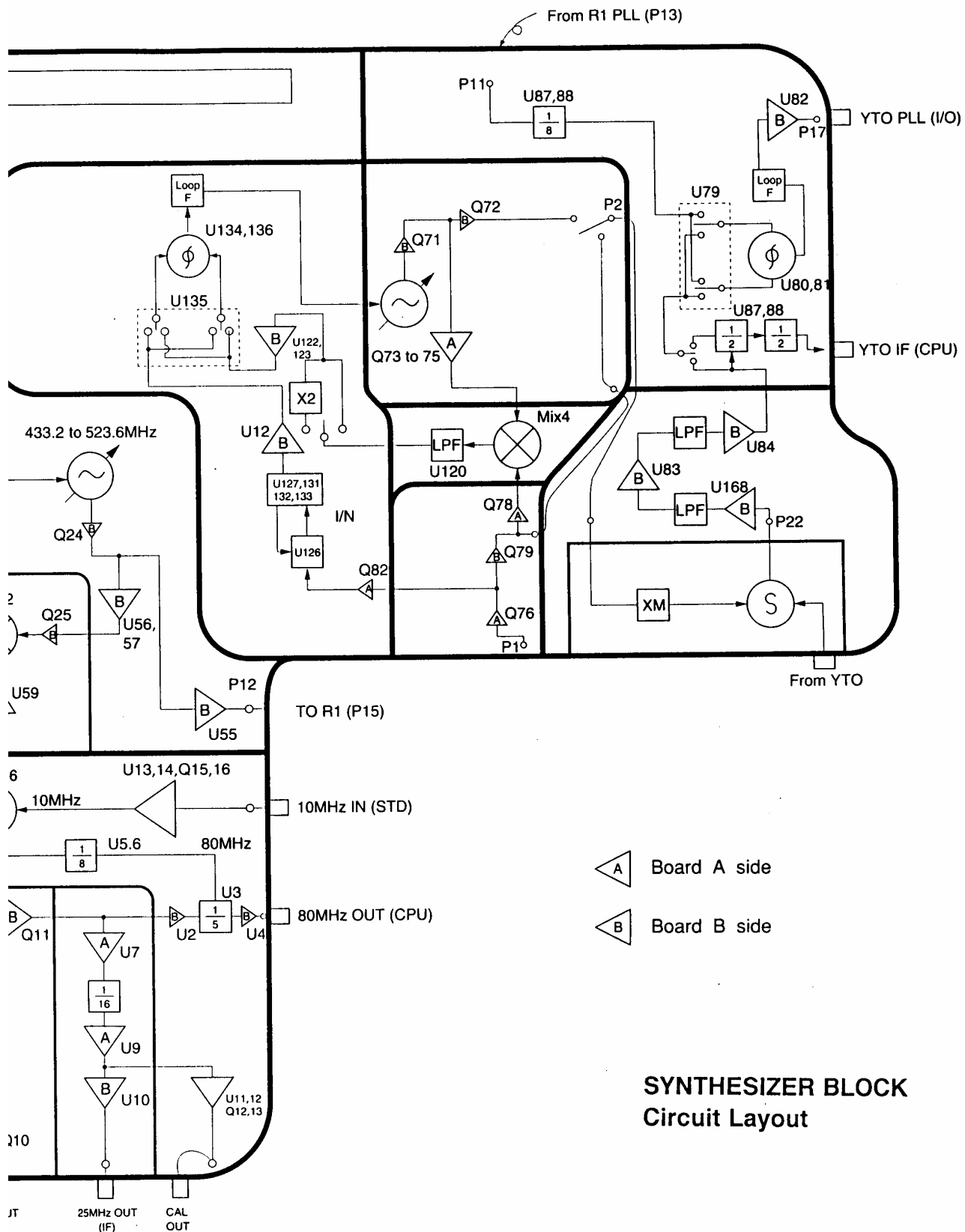
**R3265A/3271A
SYNTHESIZER BLOCK
BLS-017044 (24 of 25)**

Parts No.	Advantest Stock No.	Description	Note
U52	SIT-74F20S	DUAL 4-INPUT POSITIVE-NAND GATES	
U55 -57	SIA-1675	BIPOLAR ANALOG INTEGRATED CIRCUIT	
U59	SIA-1675	BIPOLAR ANALOG INTEGRATED CIRCUIT	
U61 -62	SIA-1675	BIPOLAR ANALOG INTEGRATED CIRCUIT	
U63	SIC-572	500MHz DUAL MODULUS PRESCALER	
U64	SIT-74F112S	DUAL J-K NEGATIVE-EDGE-TRIGGERED FLIP-FLOP	
U65	SIT-74F00S	QUAD 2-INPUT NAND GATE	
U66	SIA-TL072CPS	OP AMP DUAL LOW NOISE	
U67	SIA-398-2	MONOLITHIC SAMPLE AND HOLD CIRCUIT	
U68	SIA-1675	BIPOLAR ANALOG INTEGRATED CIRCUIT	
U69 -70	SIA-1676	BIPOLAR ANALOG INTEGRATED CIRCUIT	
U71	SIM-74HC390S	DUAL DECADE COUNTERS	
U73 -75	SIA-1675	BIPOLAR ANALOG INTEGRATED CIRCUIT(A)	
U78	SIT-74LS00S	QUAD 2-INPUT NAND GATE	
U79	SIC-10H117S-1	DUAL 2-WIDE 2-3 INPUT "OR-AND/OR-AND-INVERT" GATE	
U80	SIC-12040	PHASE-FREQUENCY DETECTOR	
U81	SIA-TL072CPS	OP AMP DUAL LOW NOISE	
U82	SIA-398-2	MONOLITHIC SAMPLE AND HOLD CIRCUIT	
U83	SIA-1676	BIPOLAR ANALOG INTEGRATED CIRCUIT	
U84	SIA-MAR6	MONOLITHIC AMP	
U86	SIC-10H131S-1	DUAL D MASTER-SLAVE FLIP-FLOP	
U87	SIC-565	1GHz PRESCALER	
U88	SIC-10H131S-1	DUAL D MASTER SLAVE FLIP-FLOP	
U90	SHB-003200	CUSTOM MADE (344-396MHz VCO)	
U91 -92	SHB-003198	CUSTOM MADE (422-524MHz VCO)	
U100 -102	SIA-TL072CPS	OP AMP DUAL LOW NOISE	
U103	SIA-DA7542	12-BIT MULTIPLYING CMOS D/A CONVERTER	
U104	SIA-TL072CPS	OP AMP DUAL LOW NOISE	
U119	SHB-003199	CUSTOM MADE (387-413MHz VCO)	
U120	DHB-001174	CUSTOM MADE (30MHz L. P. F)	
U121	SIA-DG201S-1	QUAD ANALOG SWITCHES	
U122 -123	SIA-1676	BIPOLAR ANALOG INTEGRATED CIRCUIT	
U125	SIA-TL072CPS	OP AMP DUAL LOW NOISE	
U126	SIC-MC12009P	TWO-MODULUS PRESCALER	
U127	SIC-10H102S-1	QUAD 2-INPUT NDR GATE	
U128	SIA-1676	BIPOLAR ANALOG INTEGRATED CIRCUIT	
U129 -130	SIM-74HC05S	HEX INVERTER WITH OPEN DRAIN OUTPUTS	
U131 -133	SIC-10H136	UNIVERSAL HEXADECIMAL COUNTER	
U134	SIT-74S00S	QUAD 2-INPUT NAND GATE	
U135	SIT-74S51S	AND-OR-INVERTER GATES	

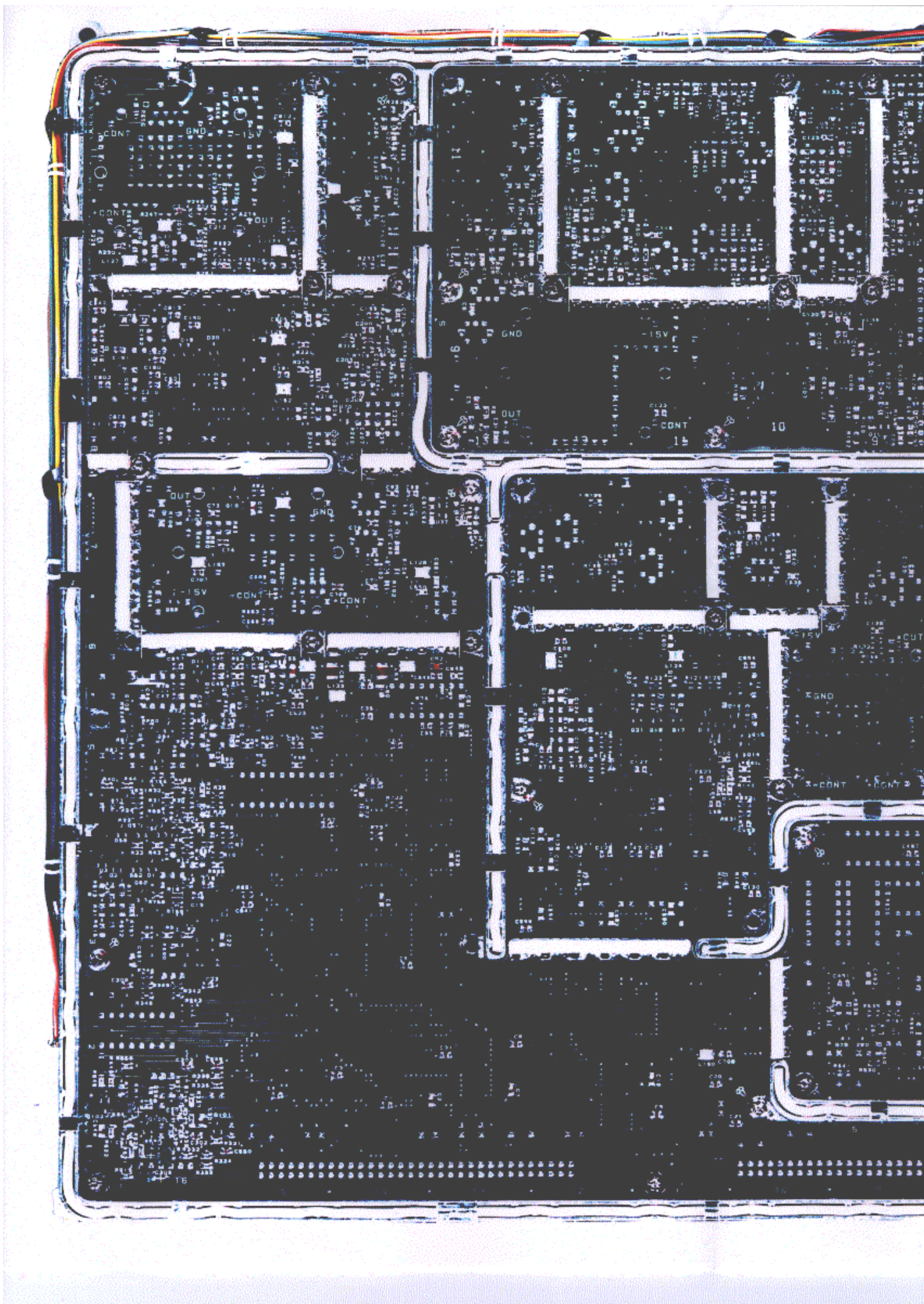
**R3265A/3271A
SYNTHESIZER BLOCK
BLS-017044 (25 of 25)**

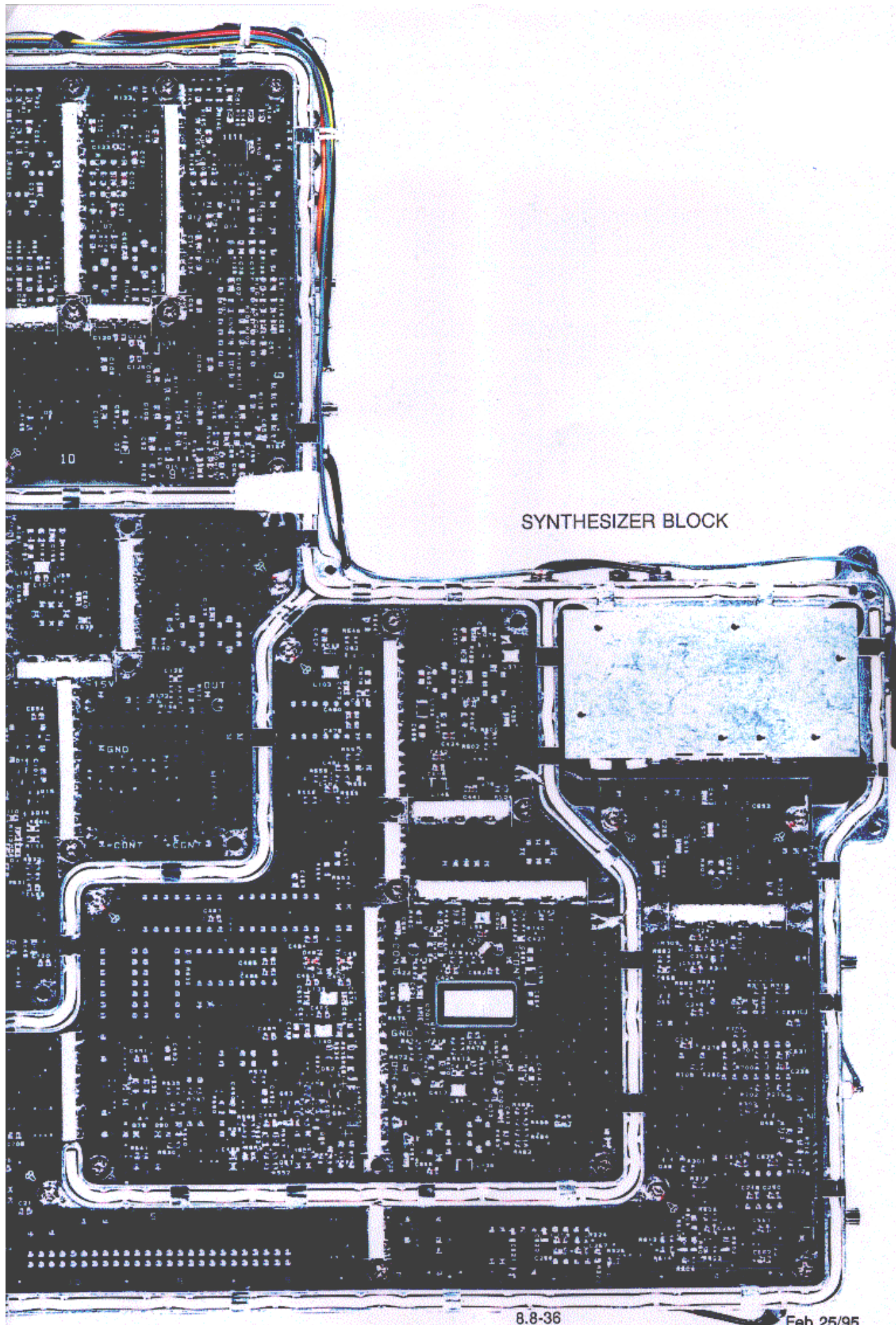
Parts No.	Advantest Stock No.	Description	Note
U136	SIT-74S112S	DUAL J-K NEGATIVE-EDGE-TRIGGERED FLIP-FLOP	
U150 -151	SIA-DG201S-1	QUAD ANALOG SWITCHES	
U152 -153	SIT-74LS390S	DUAL DECADE COUNTER	
U156	SIA-TL072CPS	OP AMP DUAL LOW NOISE	
U161	SIA-DG201S-1	QUAD ANALOG SWITCHES	
U163 -164	SIA-OP07PS	ULTRA-LOW OFFSET VOLTAGE OP AMP	
U165	SIC-10H104S	QUAD 2-INPUT AND GATE	
U166	SIA-1675	BIPOLAR ANALOG INTEGRATED CIRCUIT	
U167	SIT-74F00S	QUAD 2-INPUT NAND GATE	
U168	SIA-1676	BIPOLAR ANALOG INTEGRATED CIRCUIT	
U169	SIT-74LS00S	QUAD 2-INPUT NAND GATE	



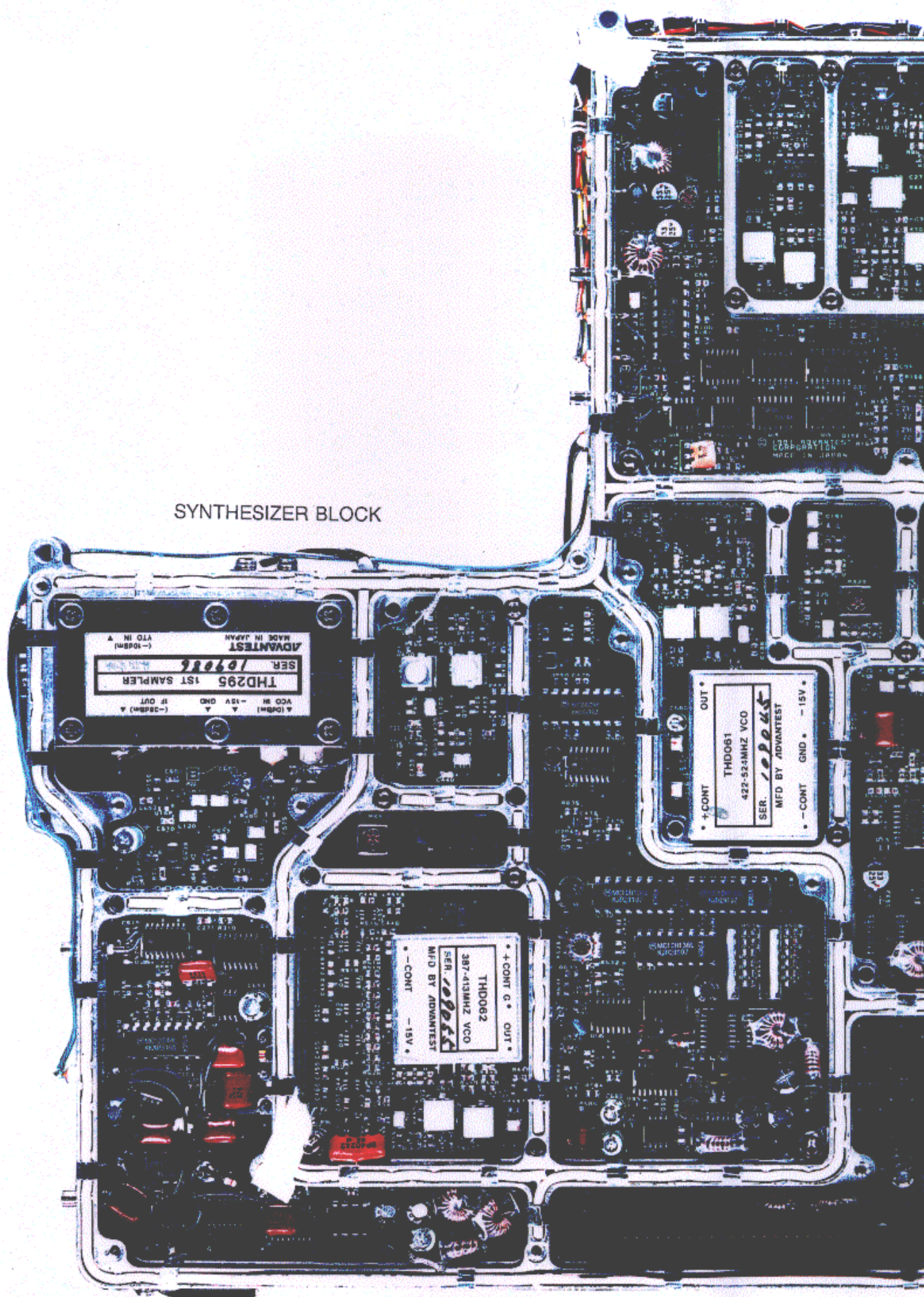


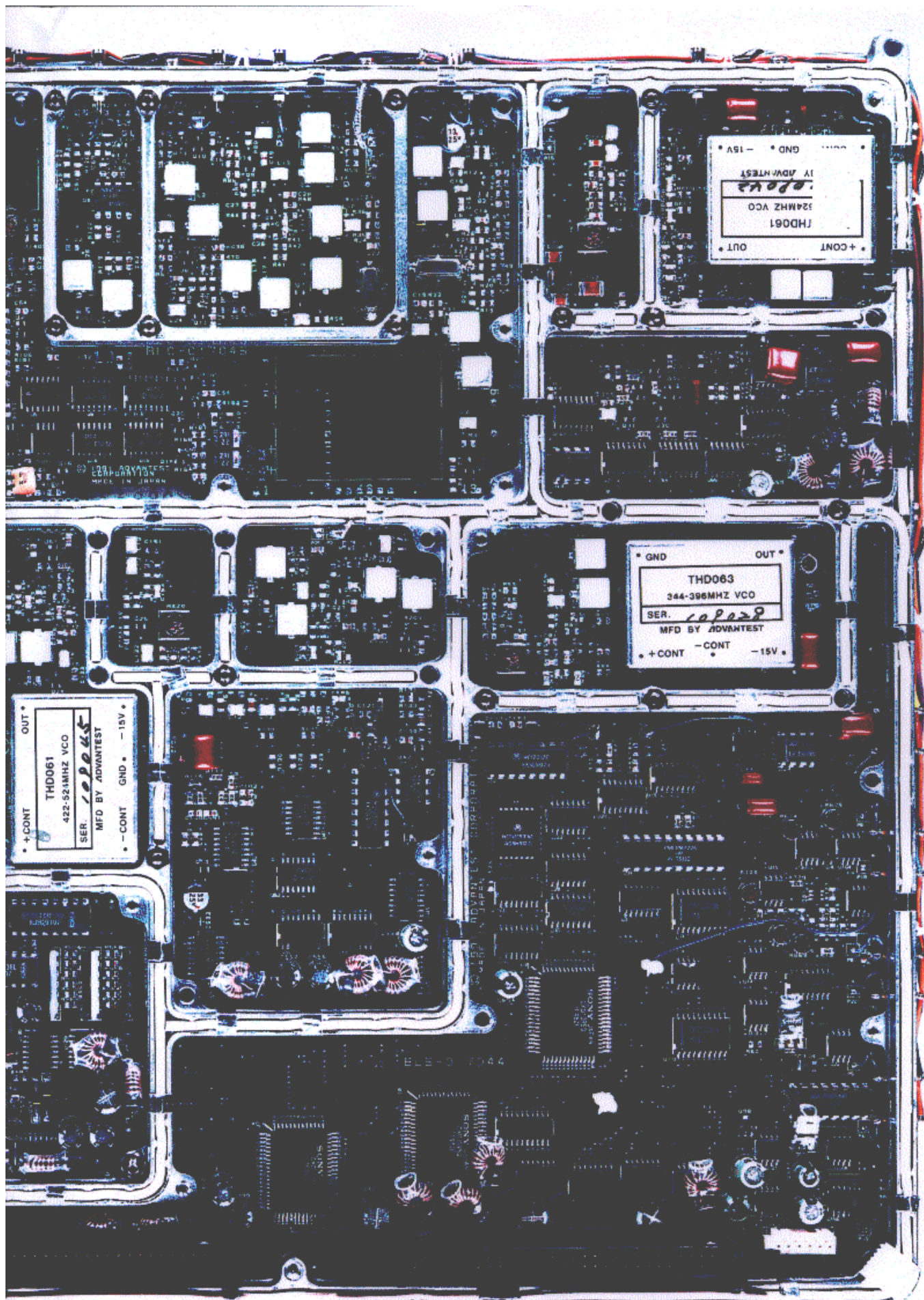
SYNTHESIZER BLOCK
Circuit Layout



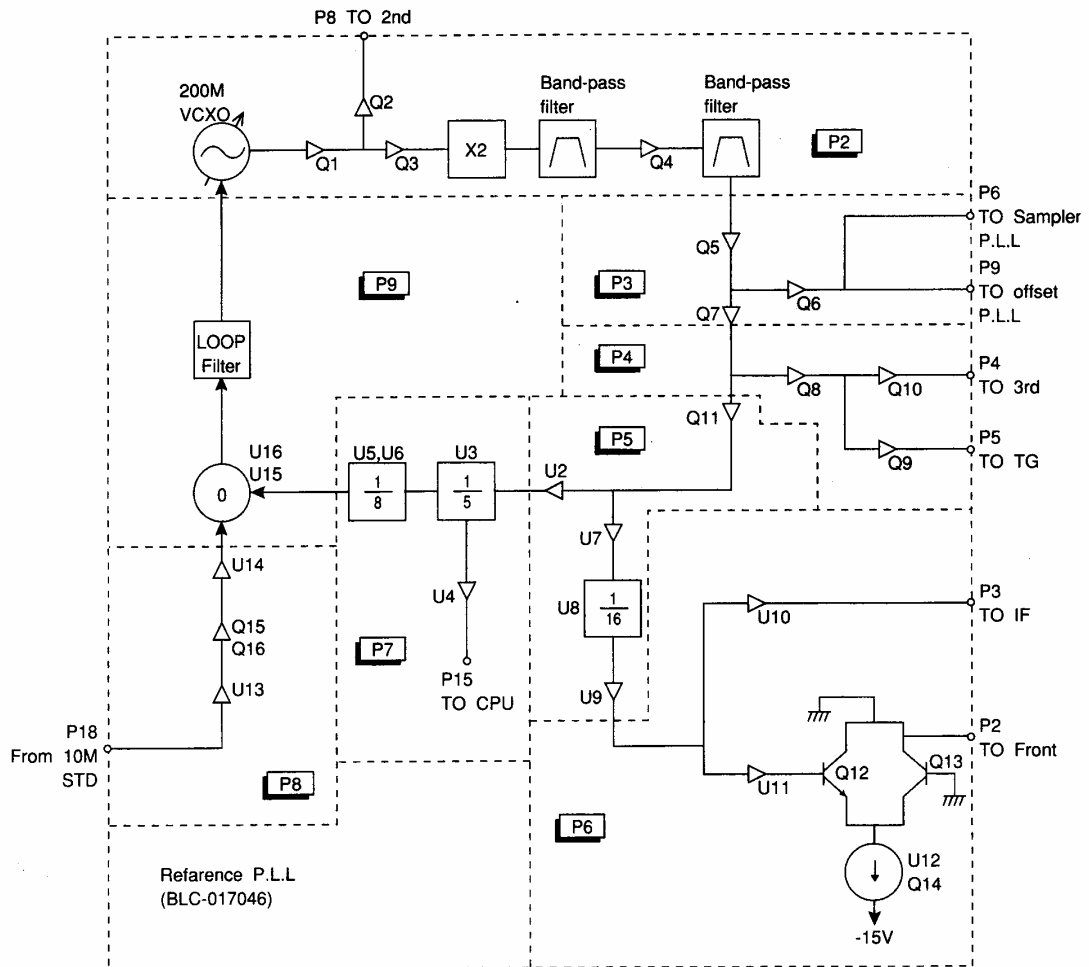


SYNTHESIZER BLOCK

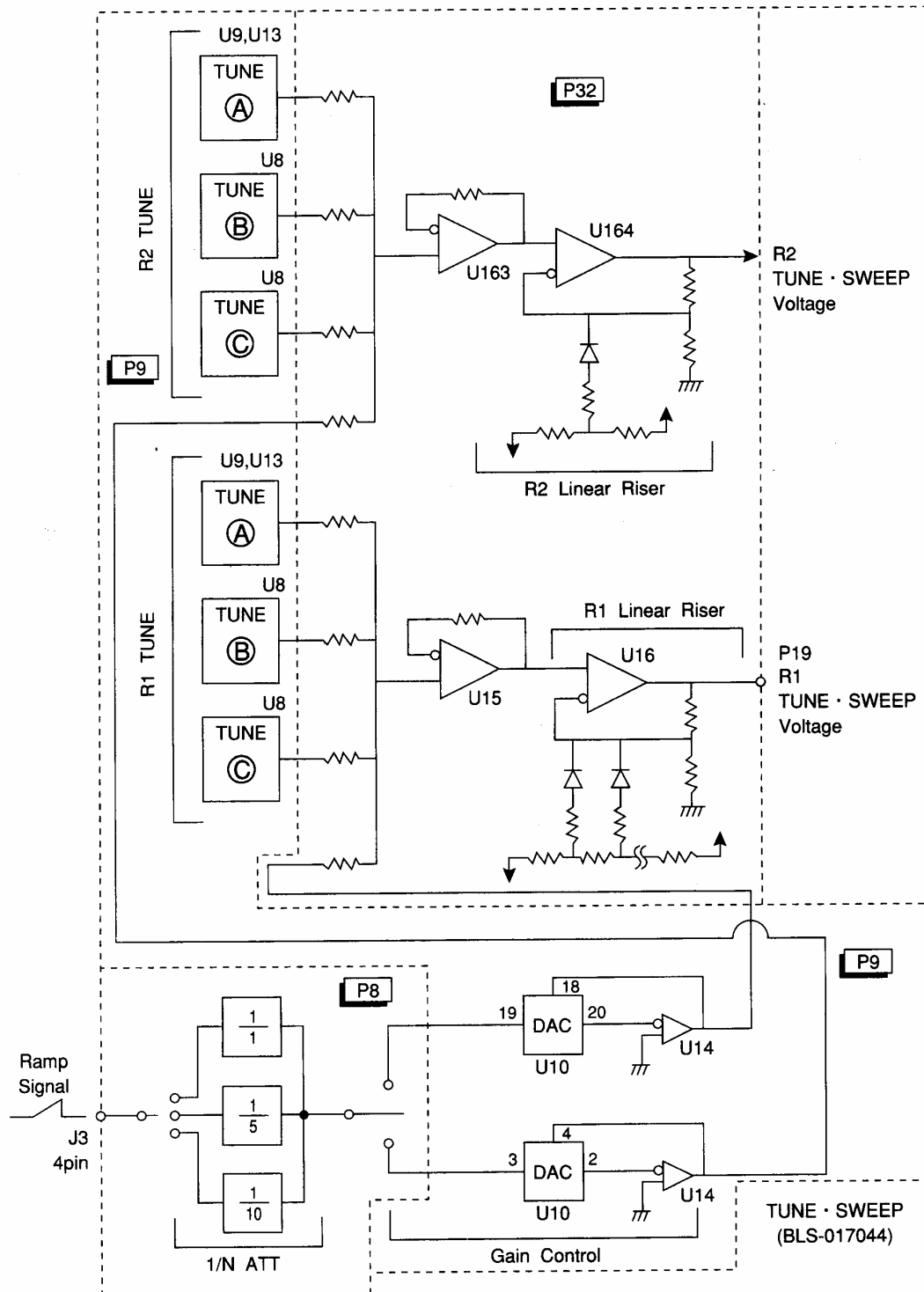


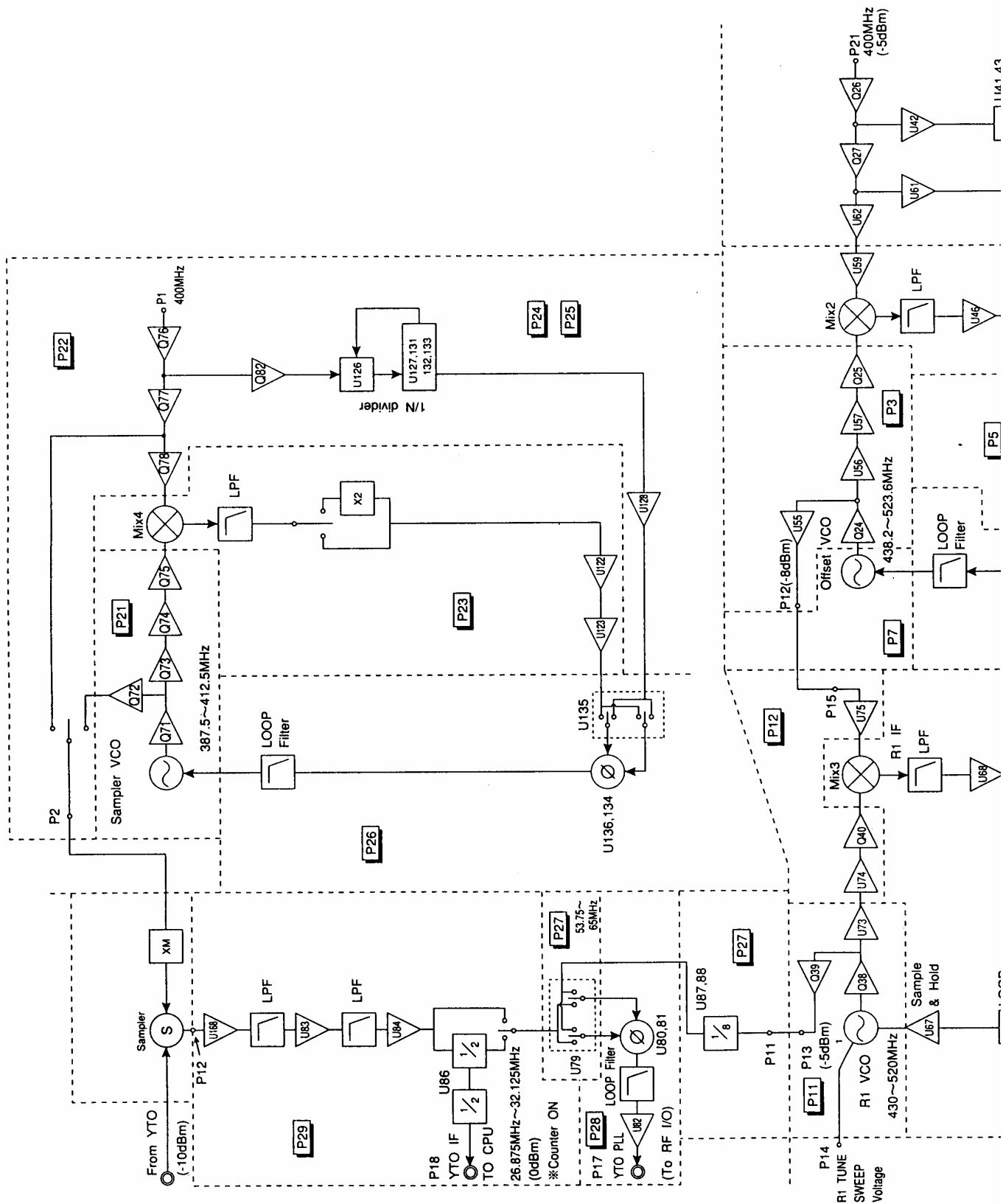


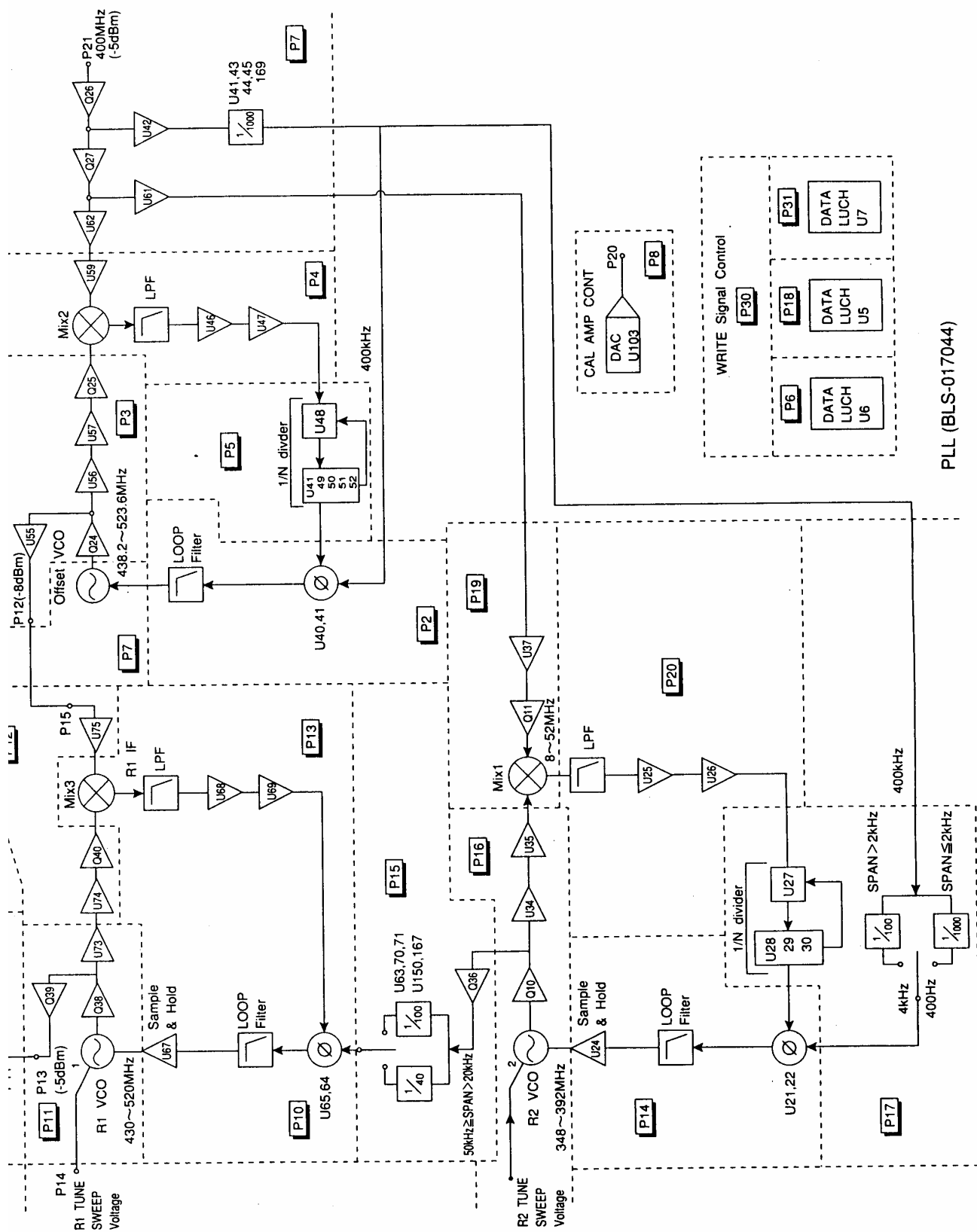
Reference P.L.L (BLC-017046)



TUNE SWEEP (BLS-017044)





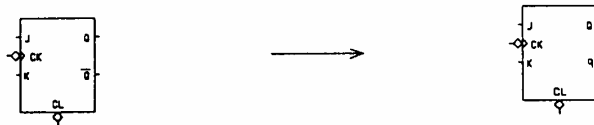


PLL (BLS-017044)

■ DIAGRAMS ILLUSTRATION

SYMBOLS REFERENCE DESIGNATORS

IC PIN NAME (PIN-NAME OF NEGATIVE LOGIC ARE
DISPLAYED BY SMALL LETTER)

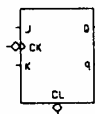


6 28 30 32 34 36 38 40 42 44 46 48 50 52 54

V

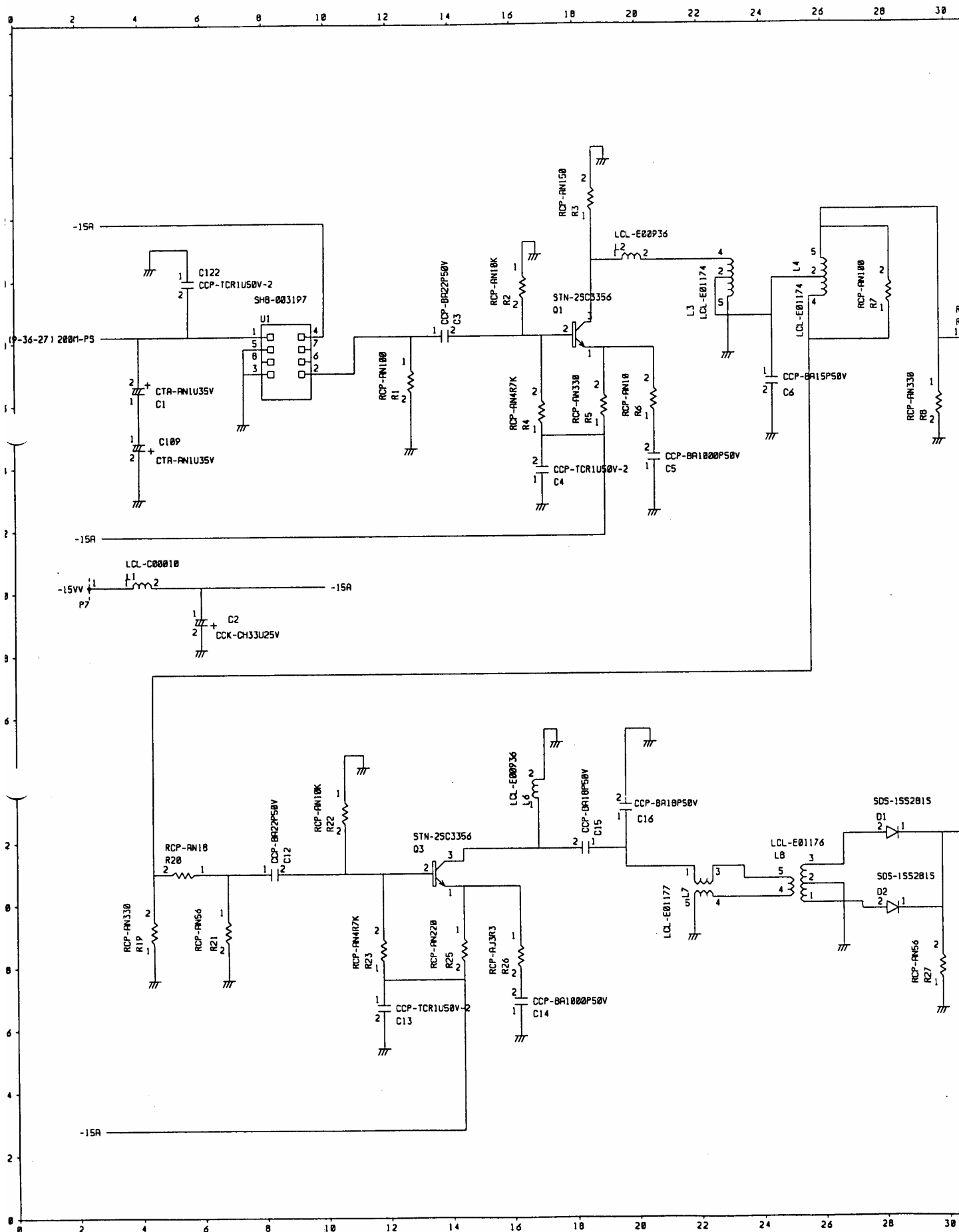
VATORS

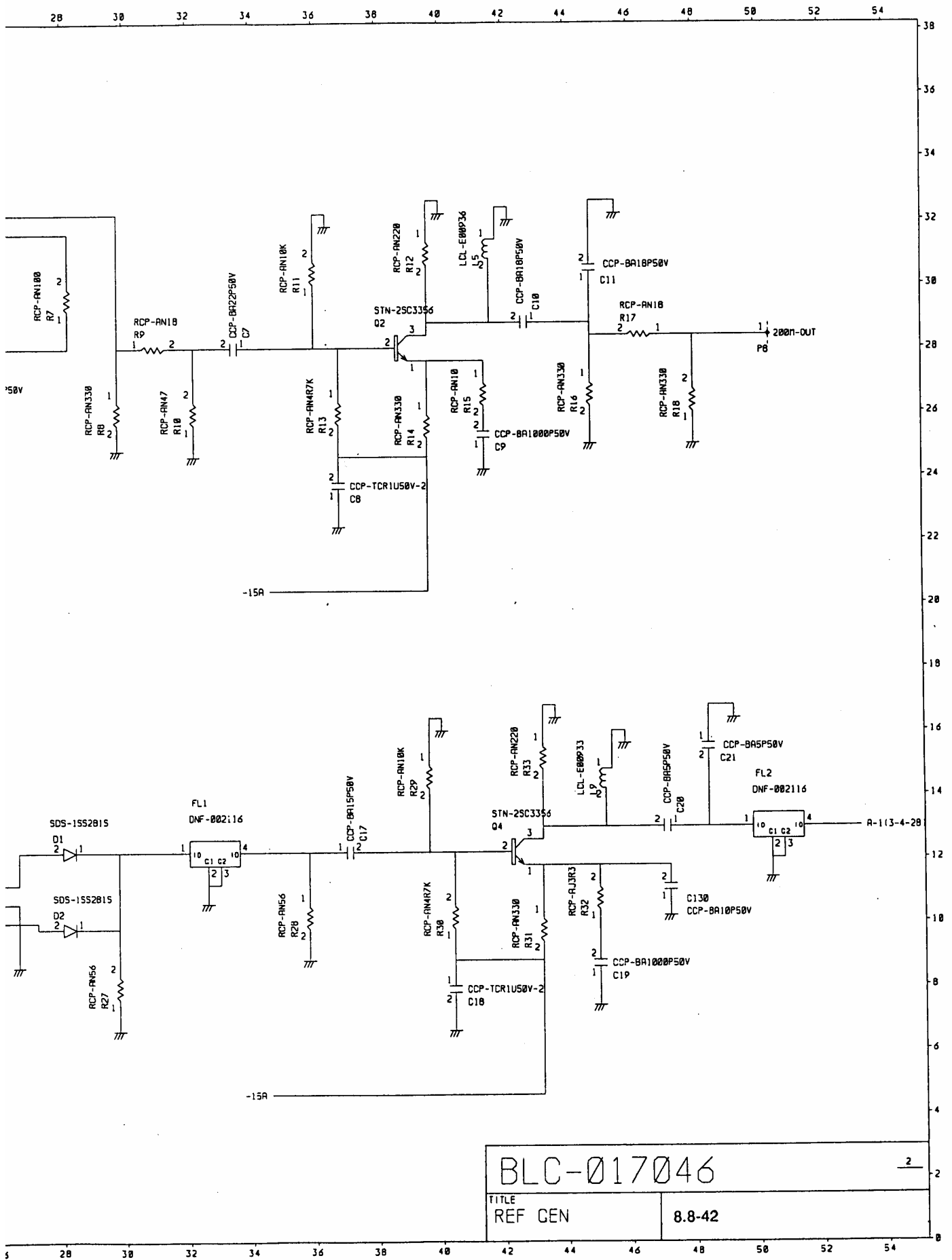
NEGATIVE LOGIC ARE
(BY SMALL LETTER)

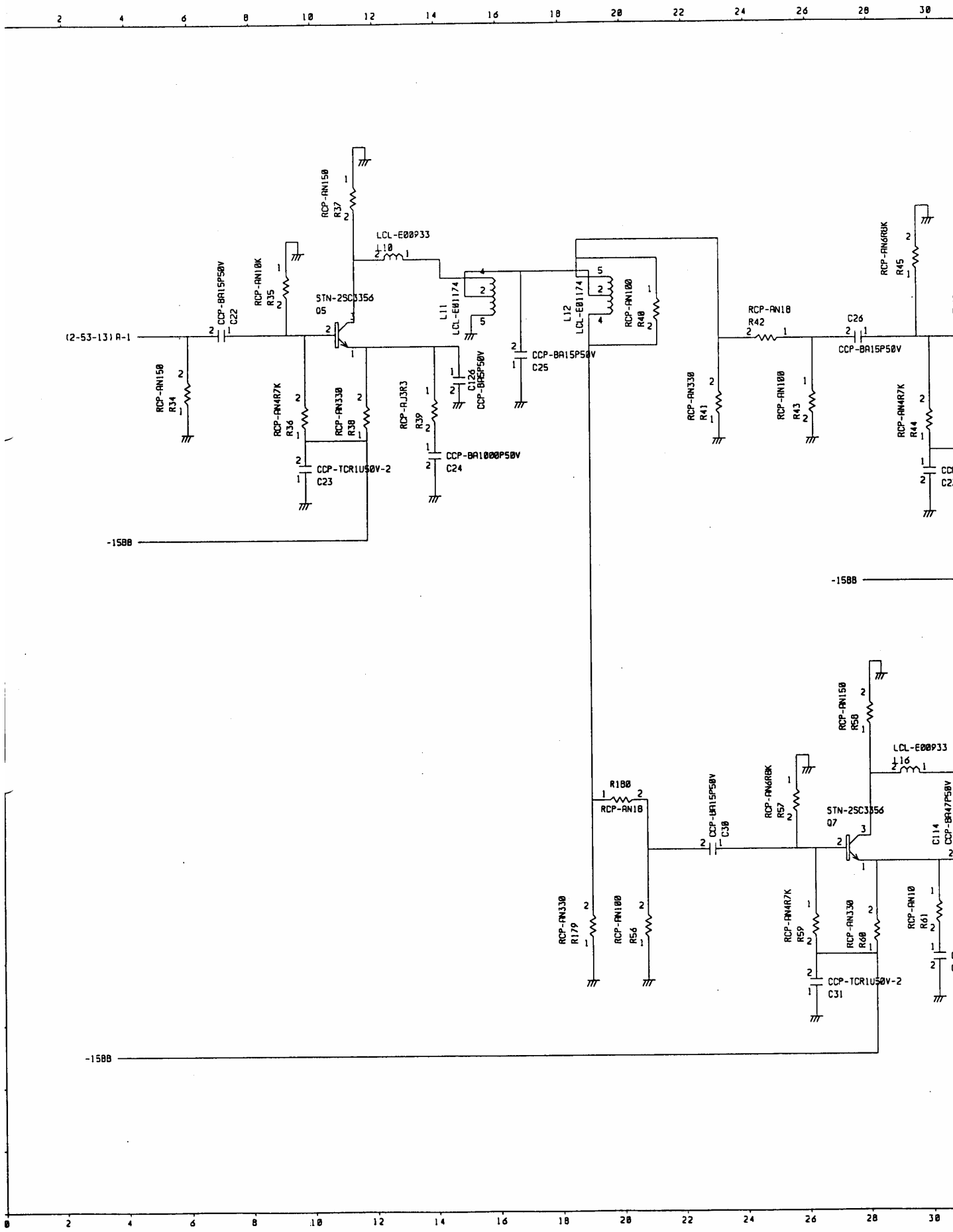


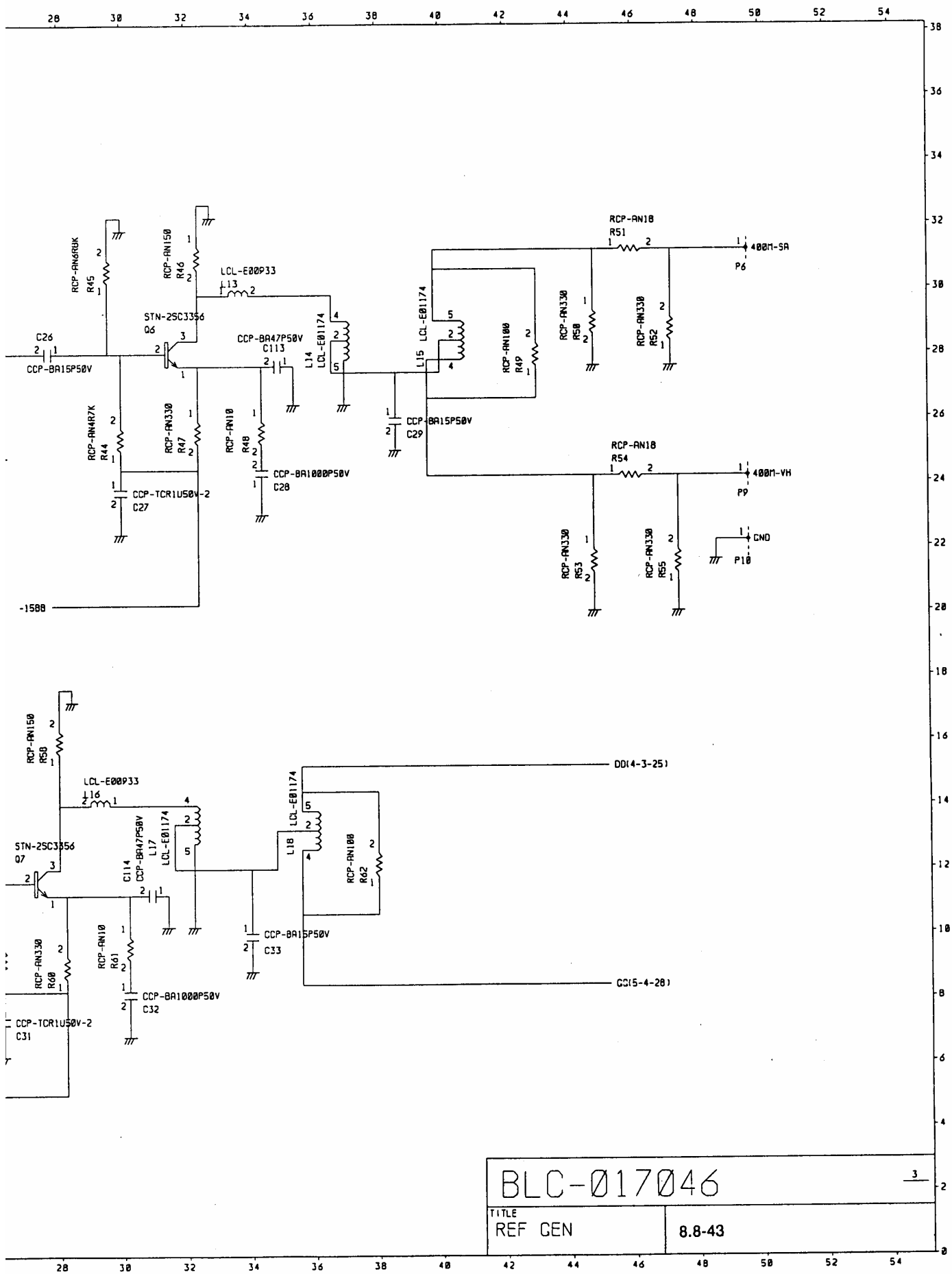
BLC-017046		1
TITLE	REF GEN	8.8-41

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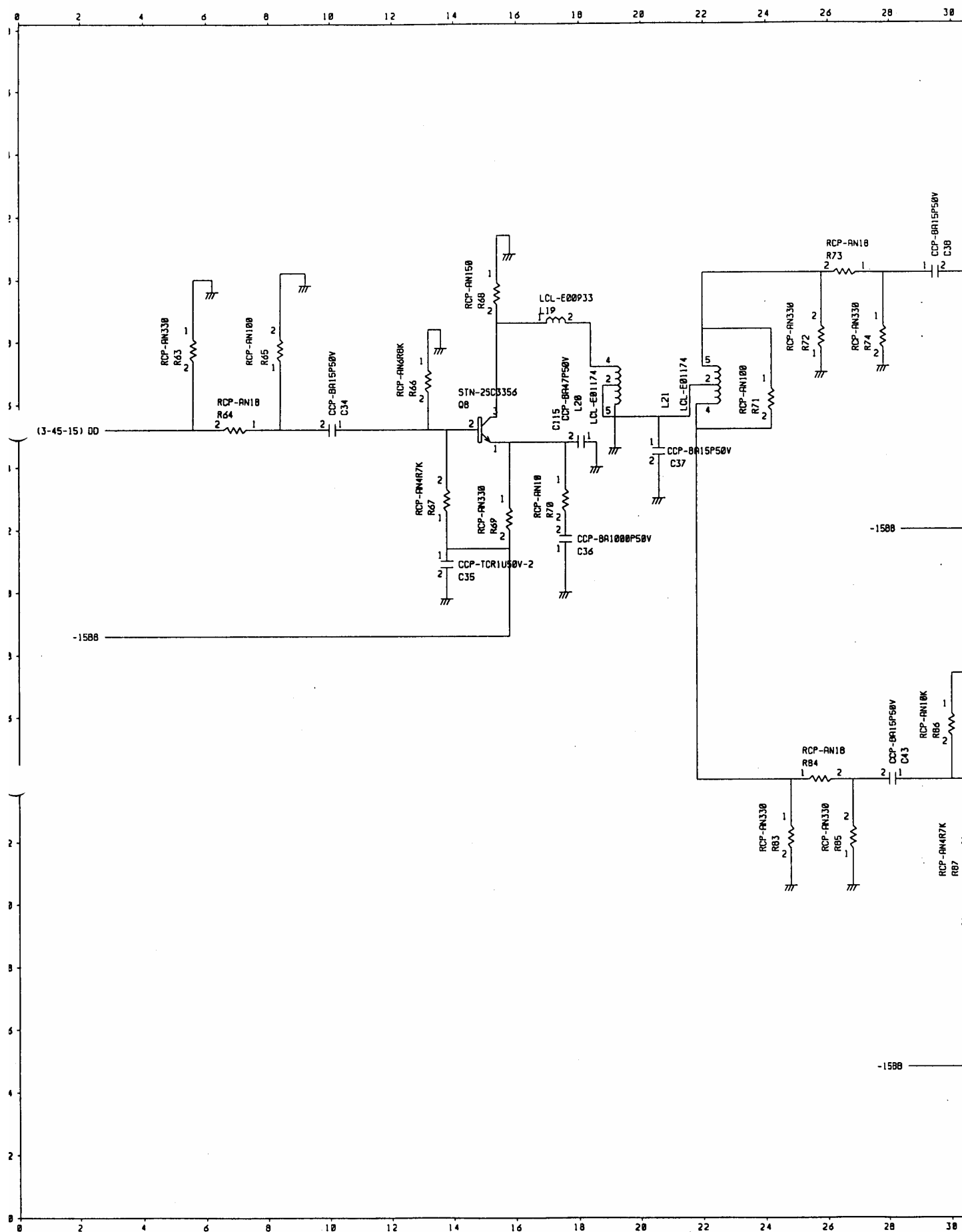


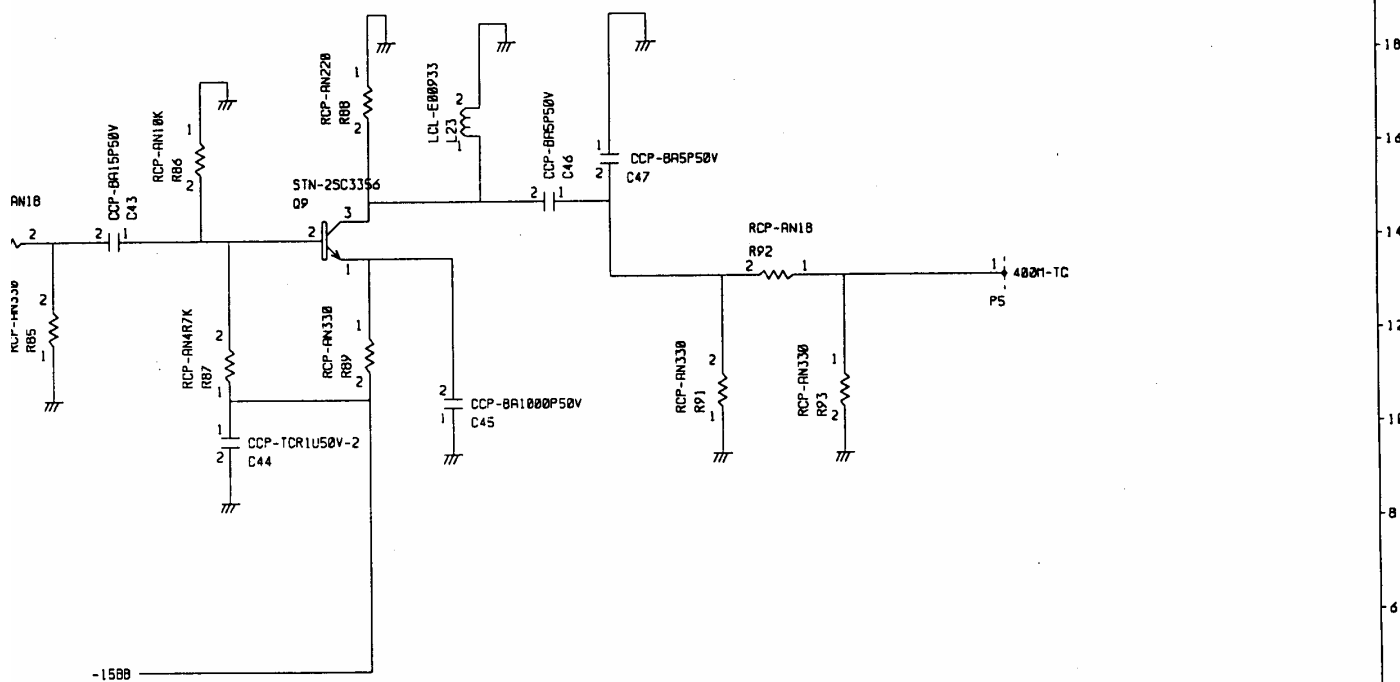
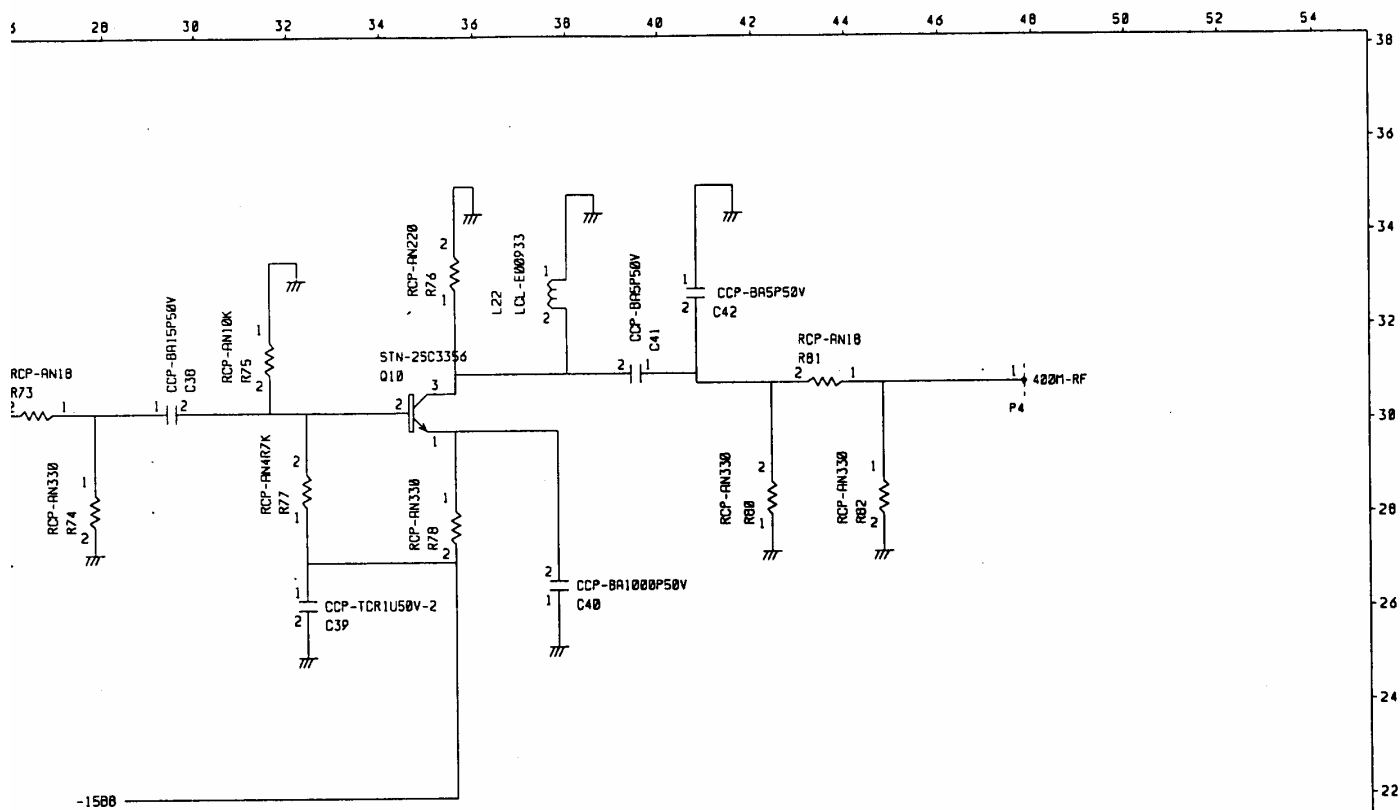
BLC-017046

TITLE
REF GEN

8.8-43

3

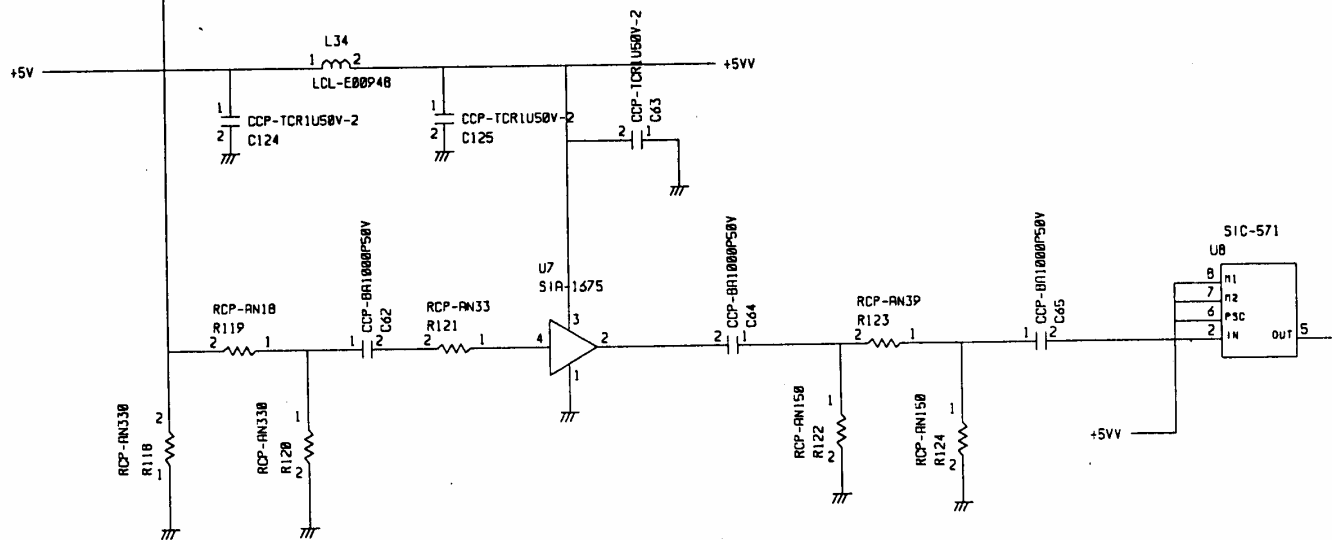
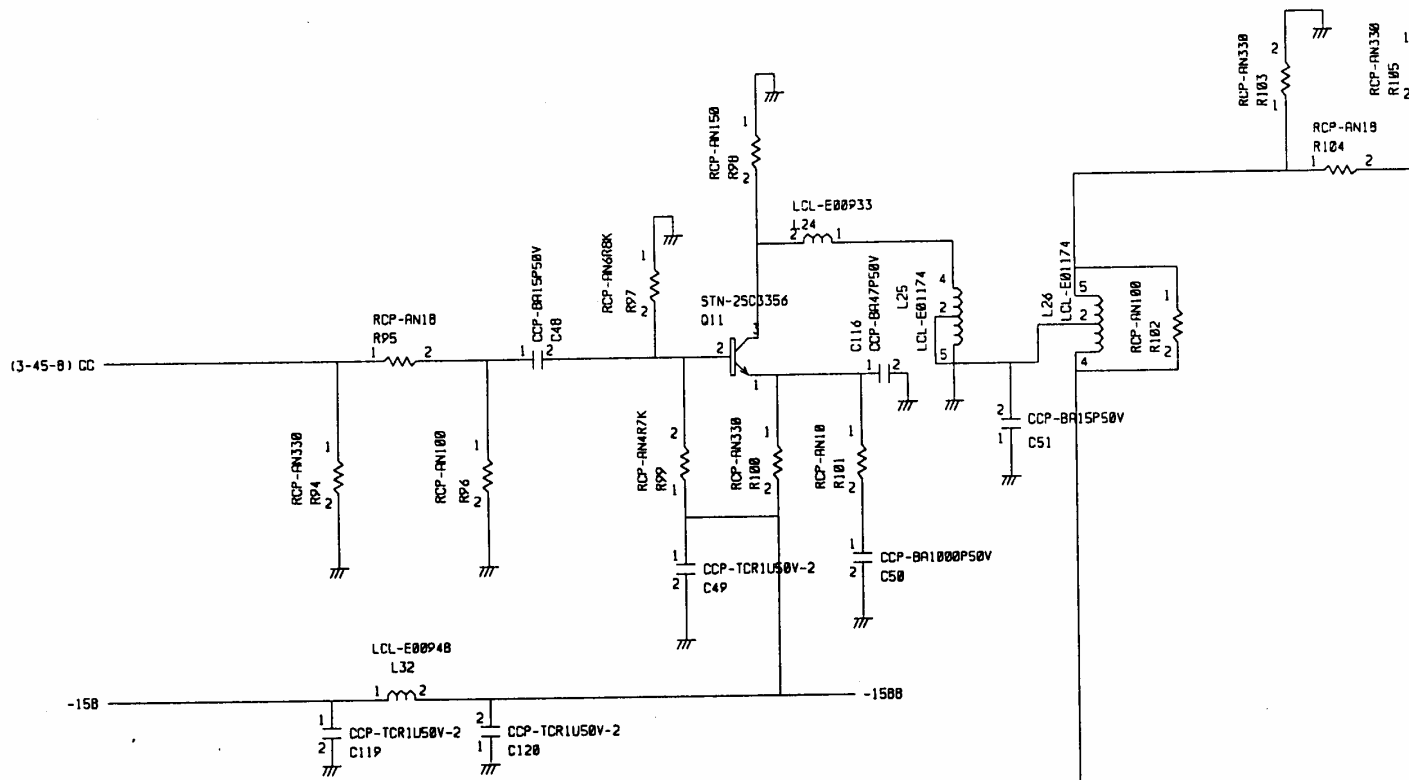




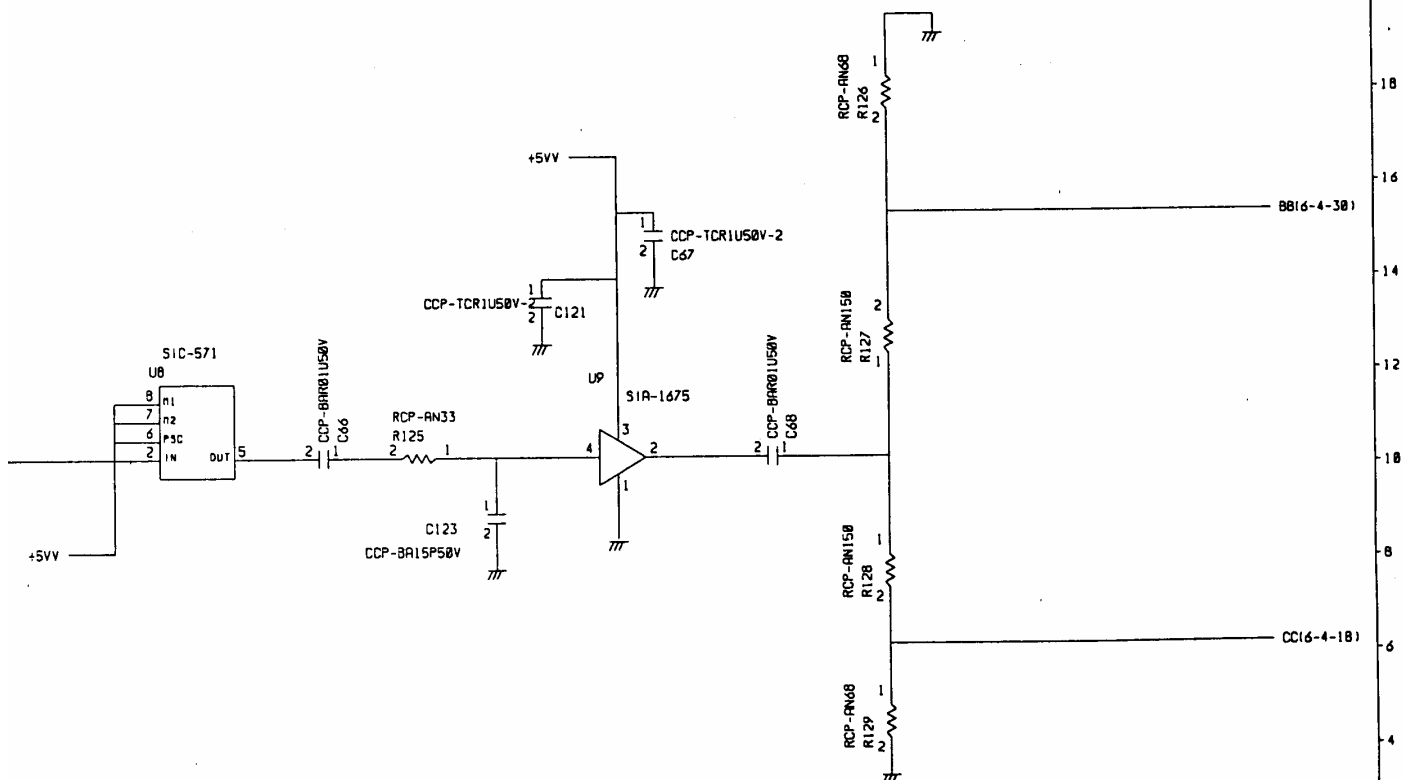
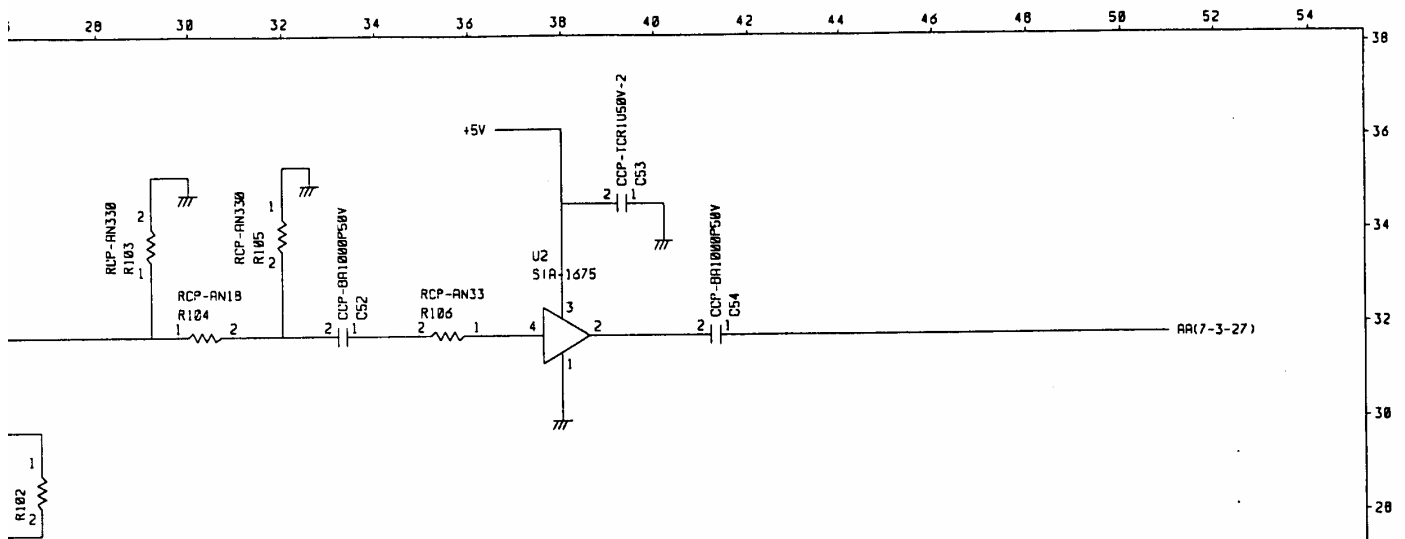
BLC-017046

TITLE	REF GEN	8.8-44
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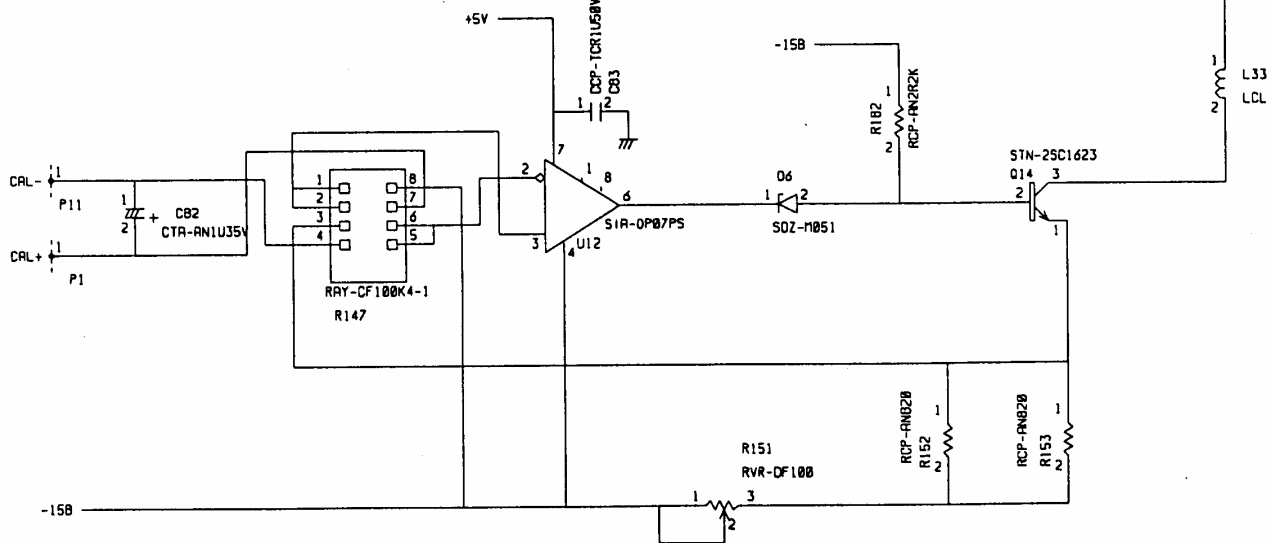
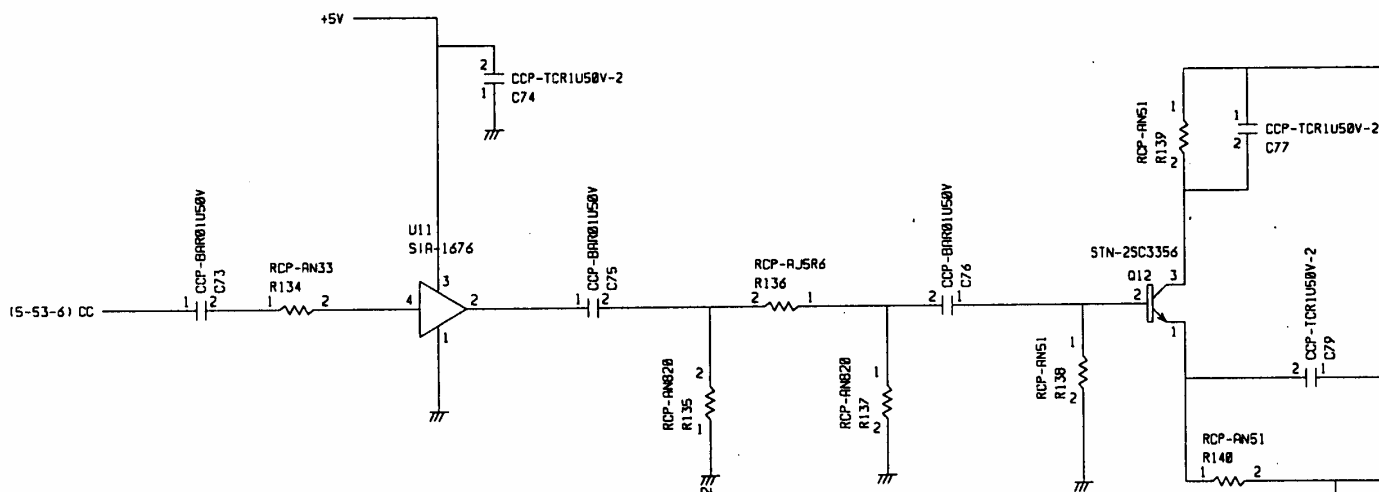
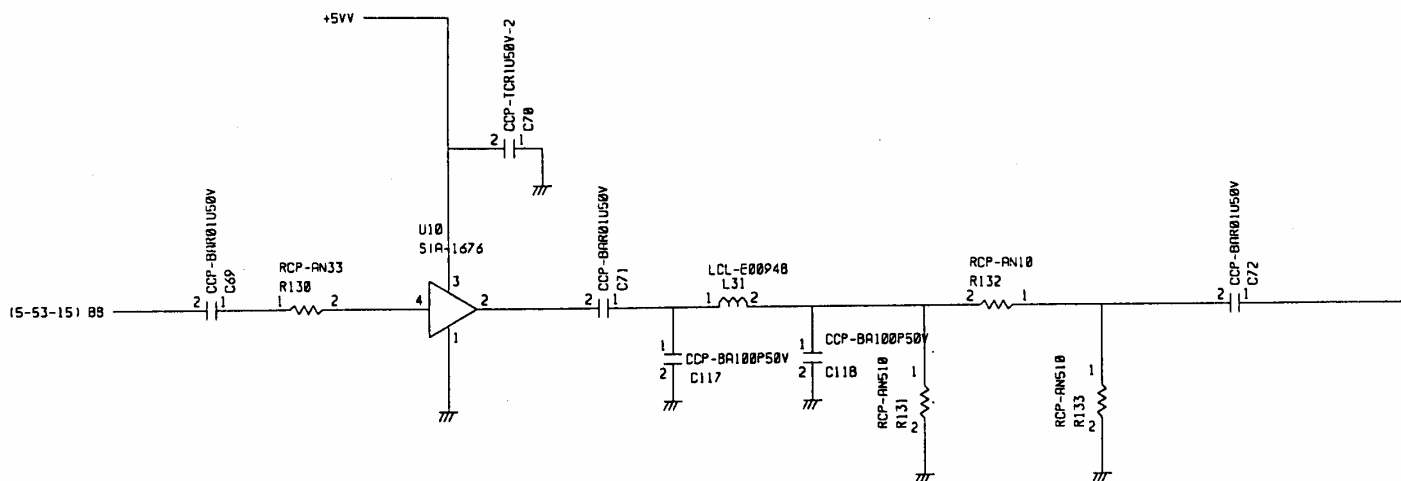
BLC-017046

TITLE
REF GEN

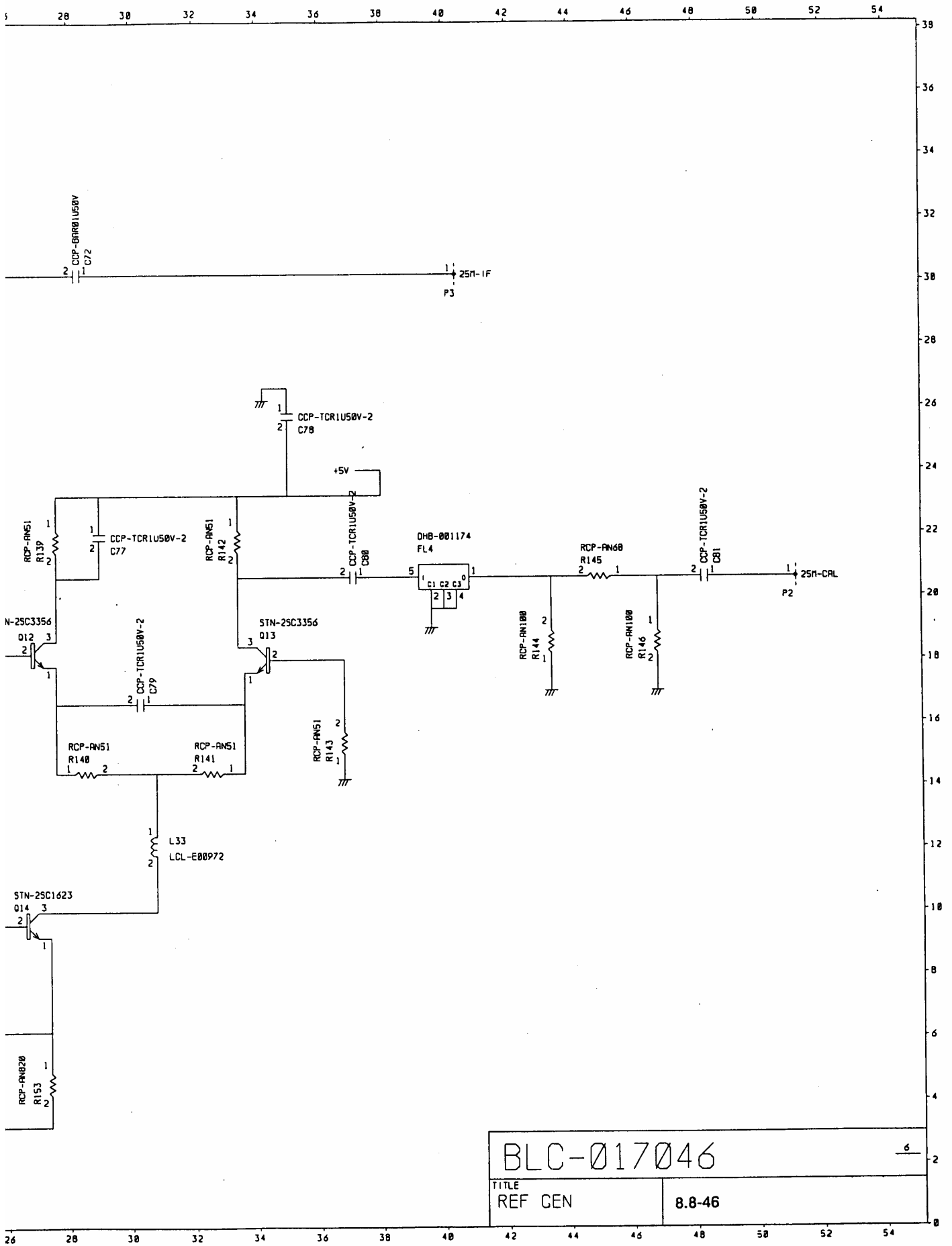
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5

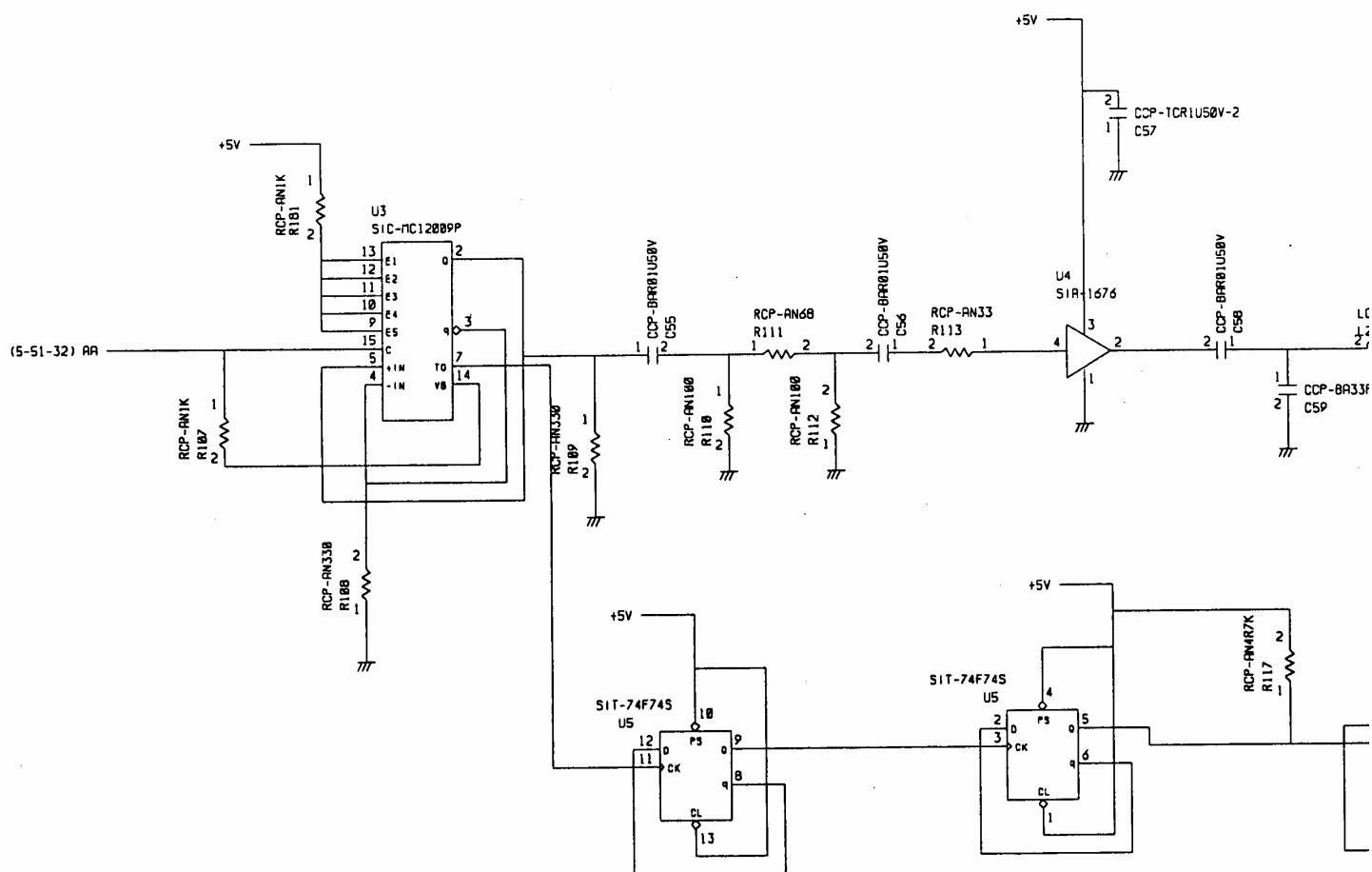
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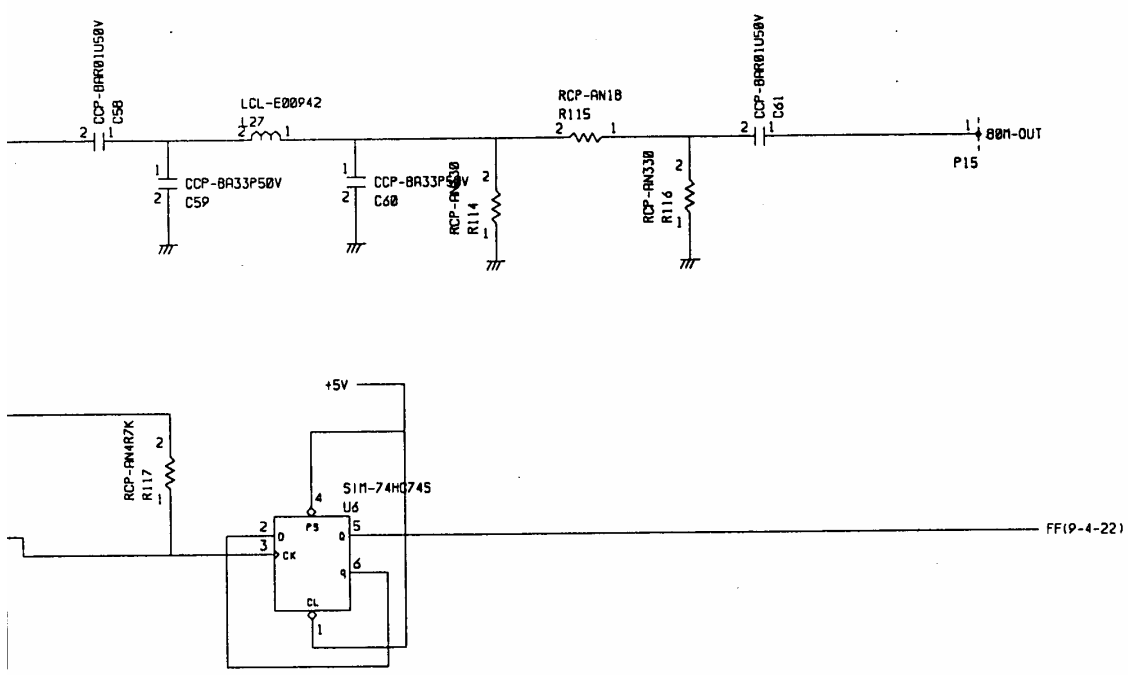
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2 4 6 8 10 12 14 16 18 20 22 24 26 28 30

6 28 30 32 34 36 38 40 42 44 46 48 50 52 54

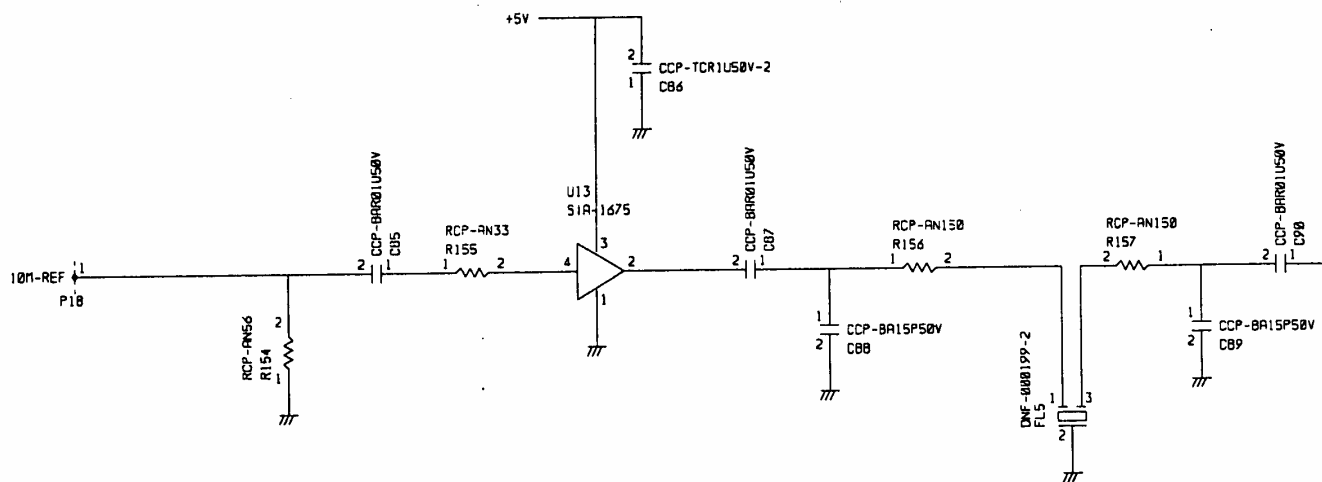
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C57



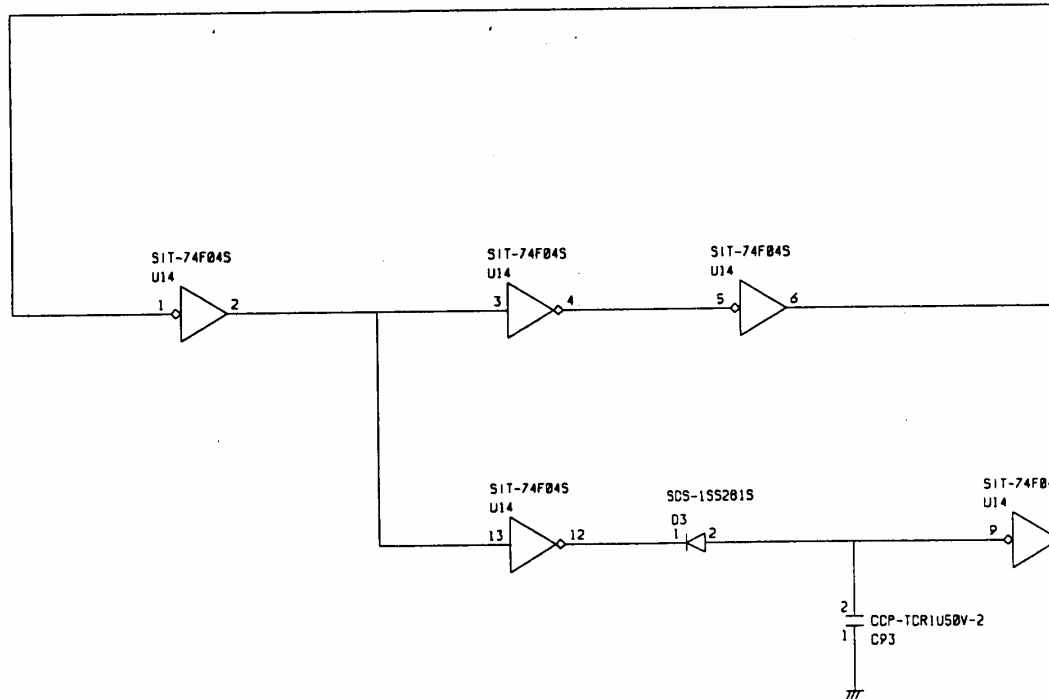
BLC-017046		7
TITLE	REF GEN	8.8-47

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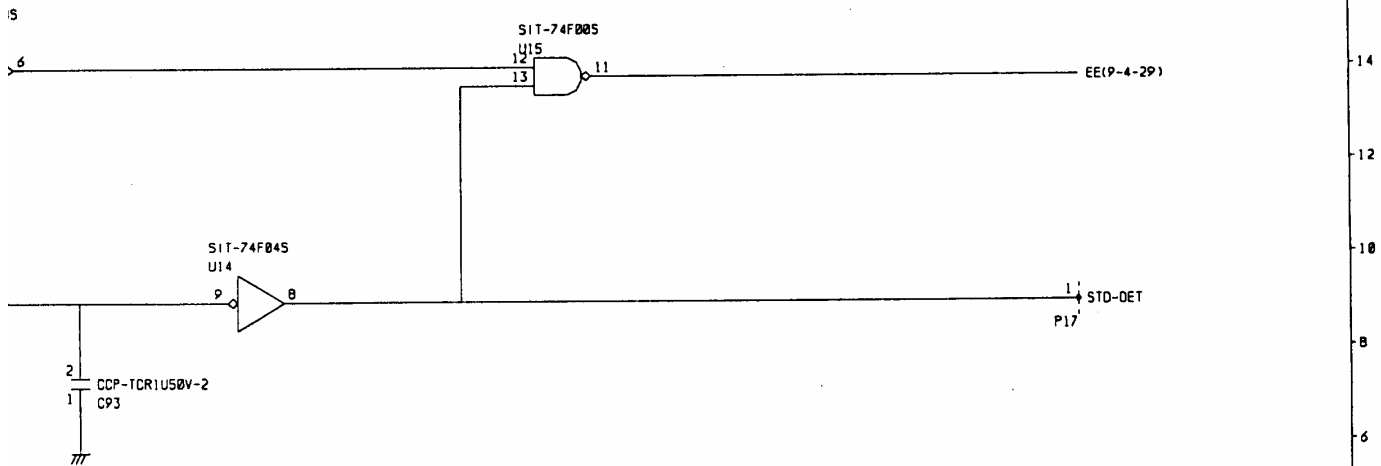
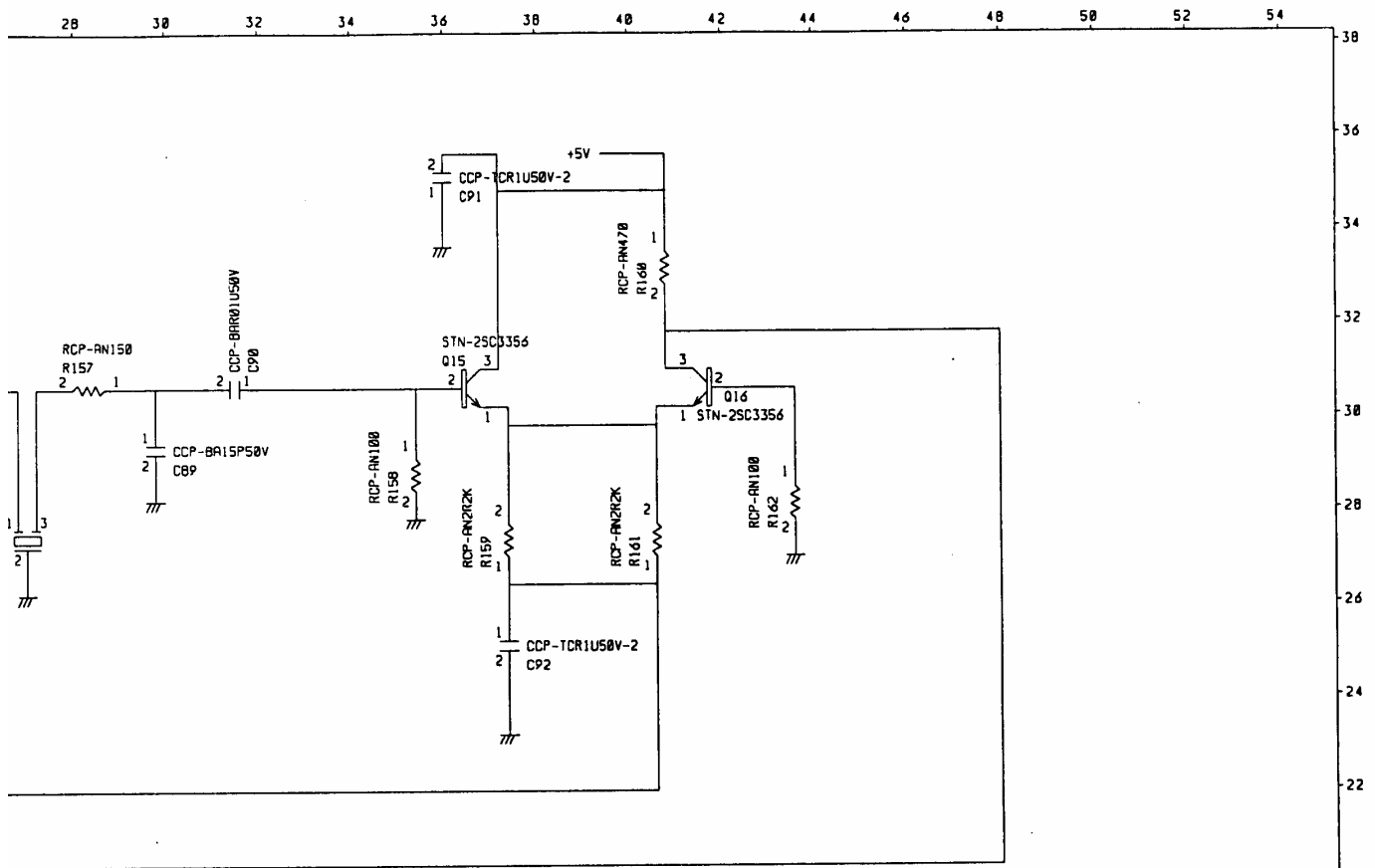
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-158

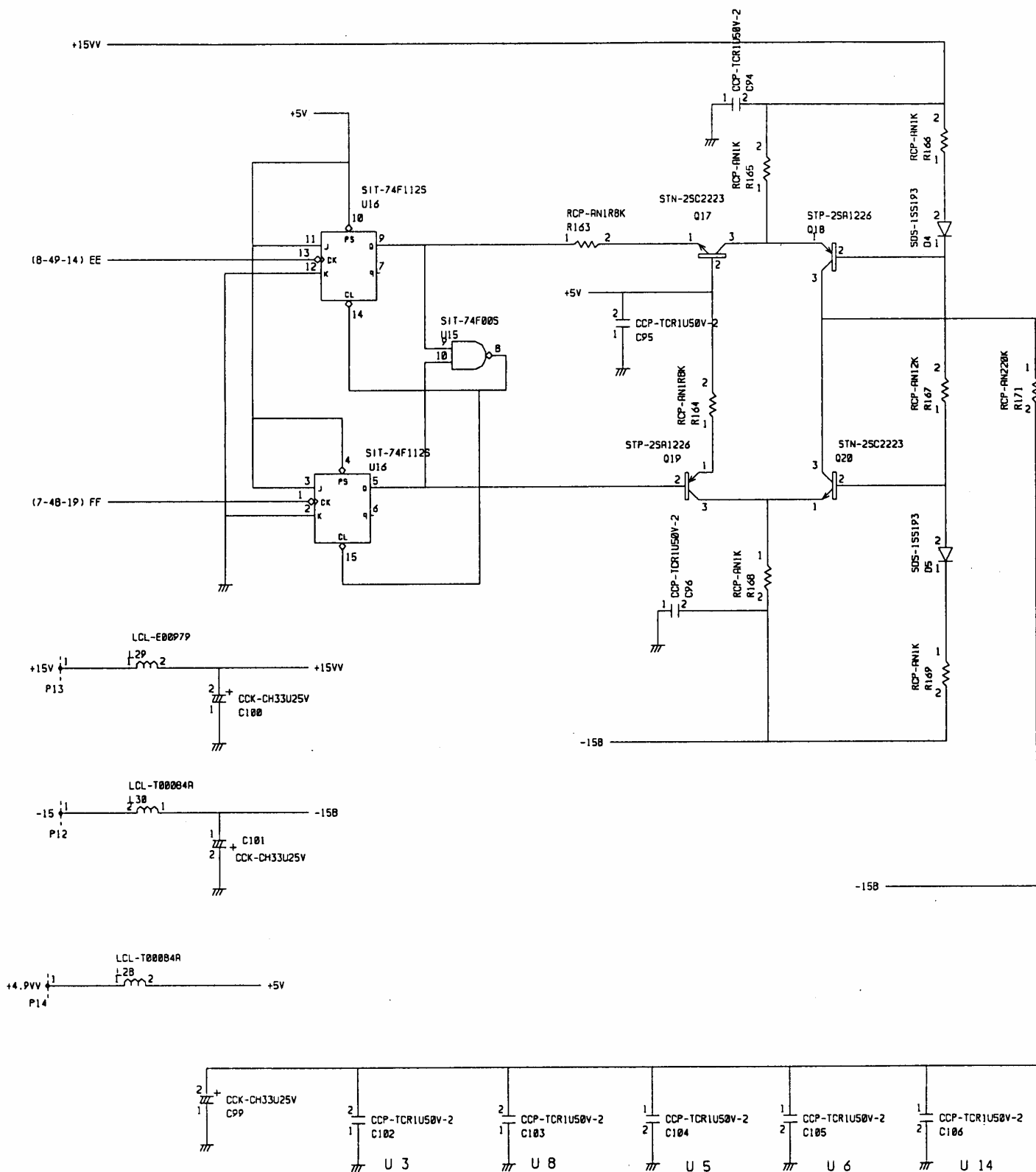


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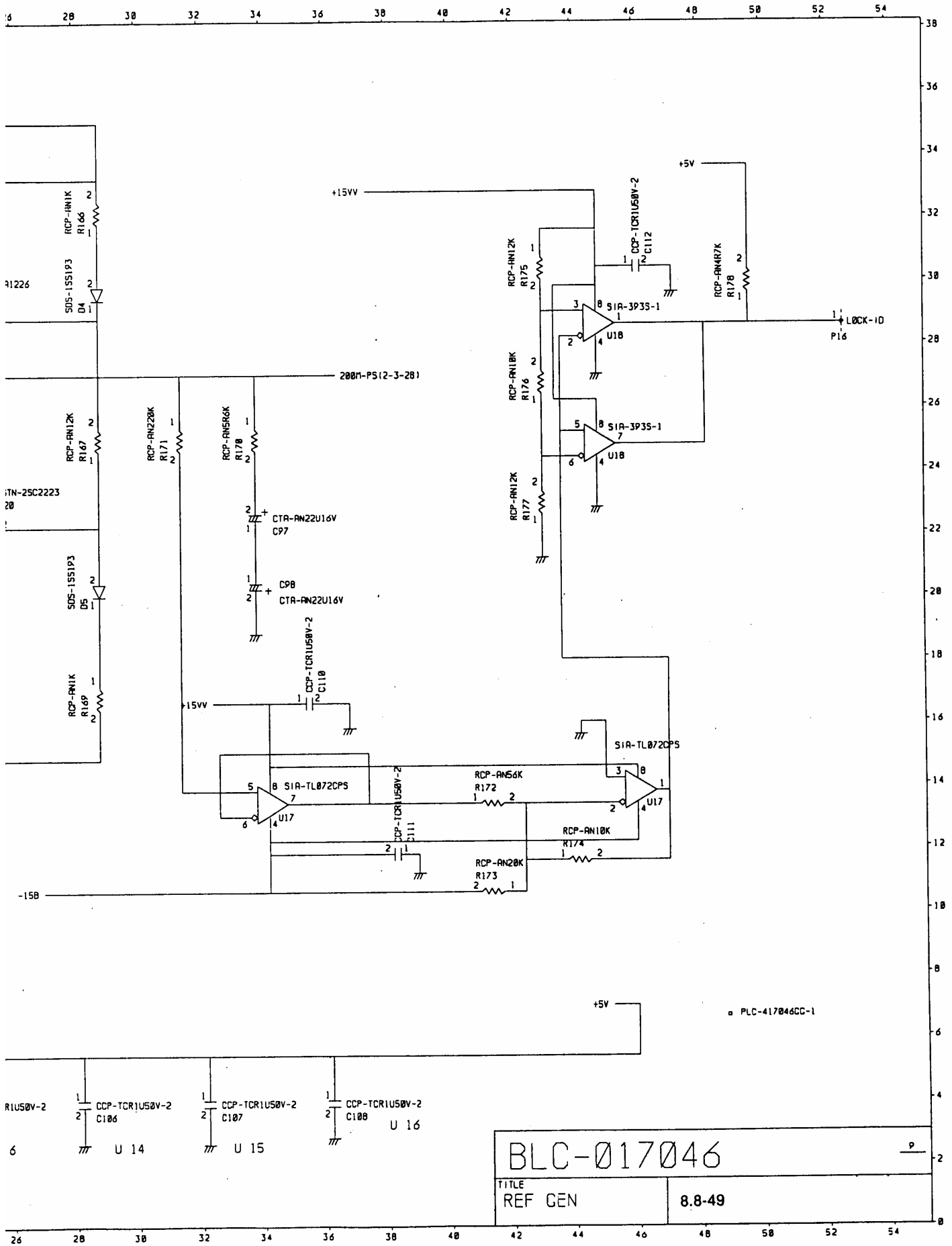


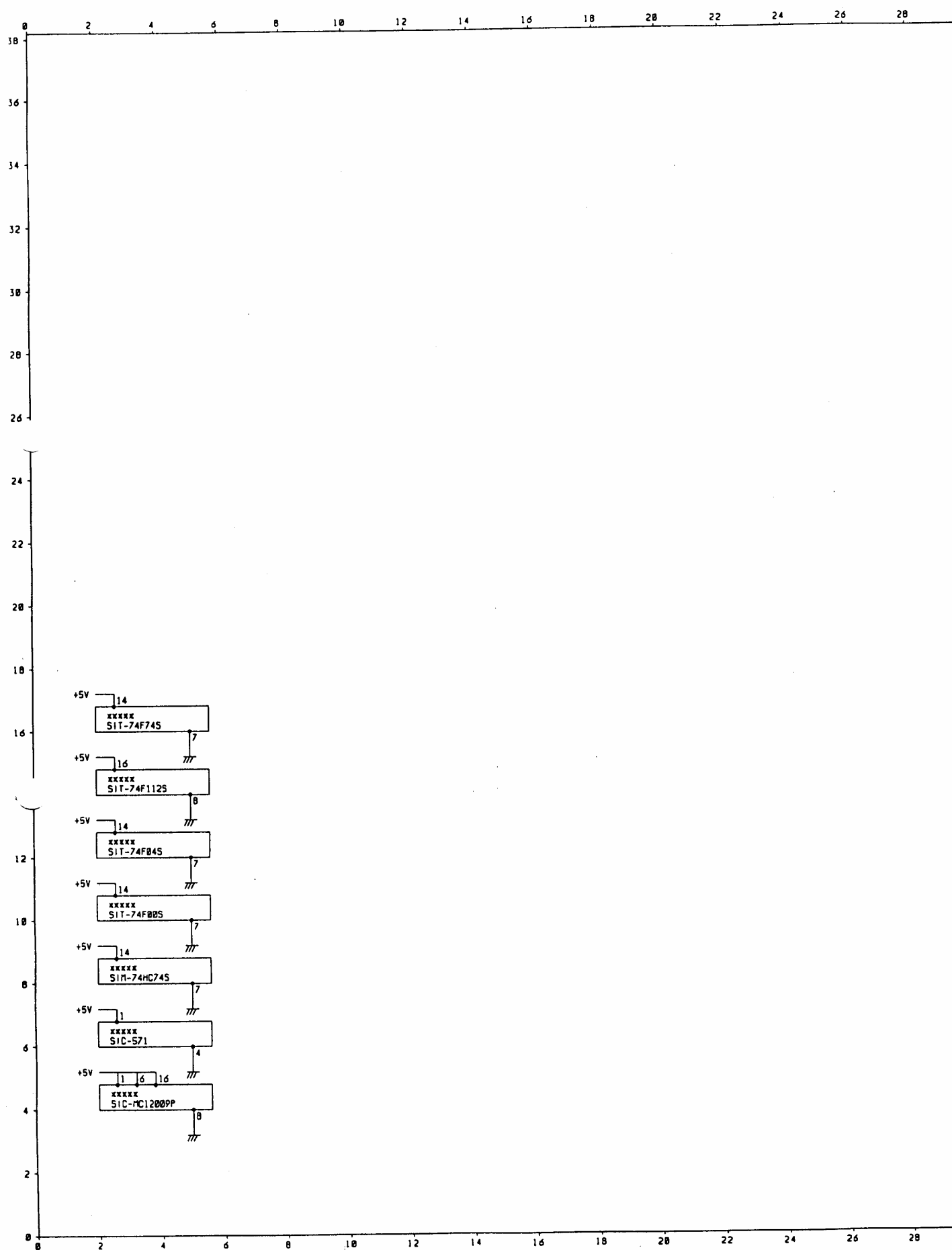
BLC-017046		8
TITLE	REF GEN	8.8-48

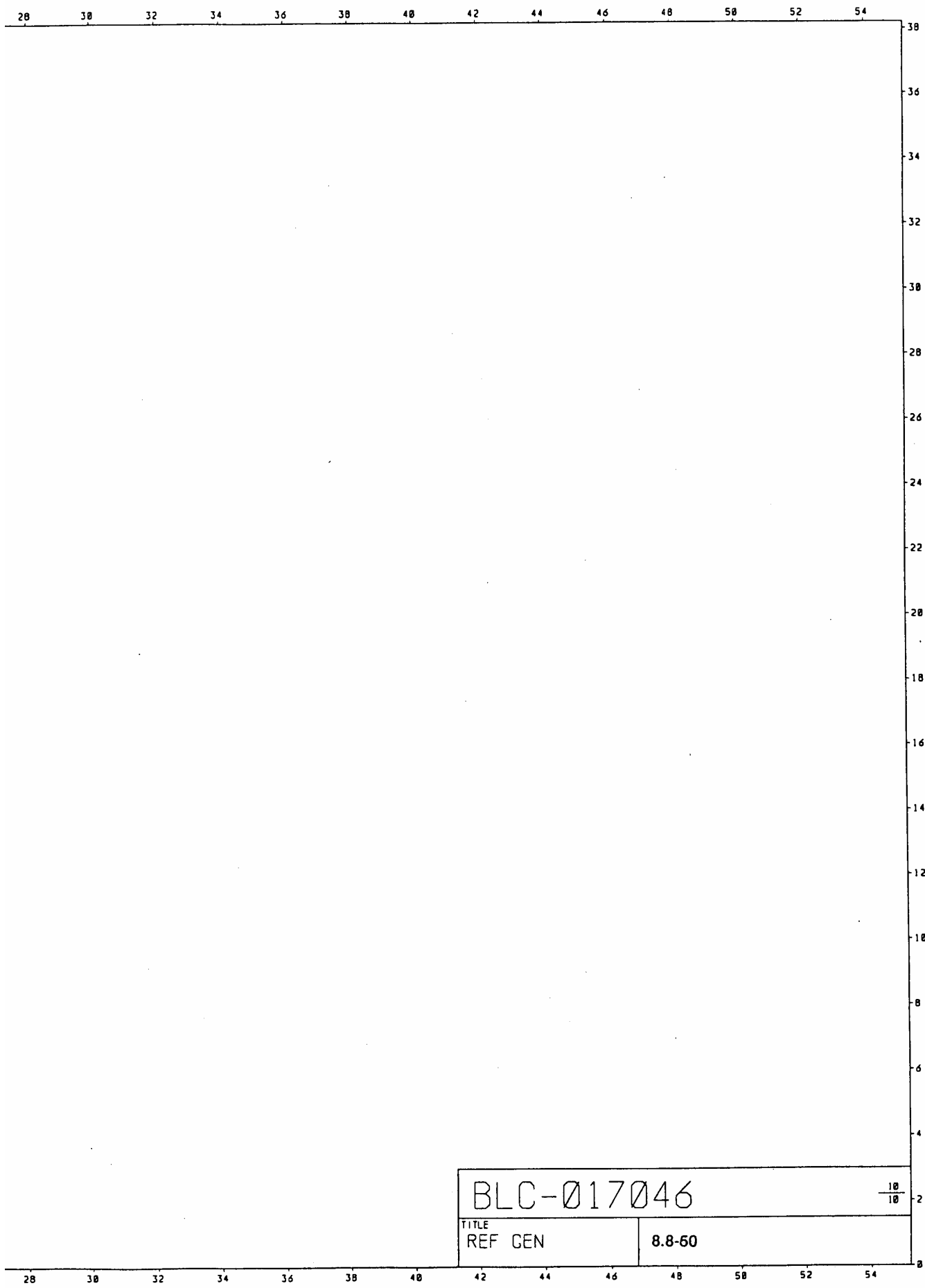
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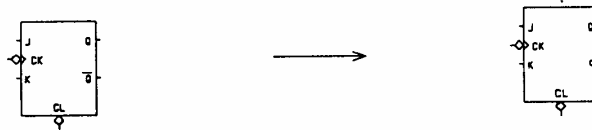


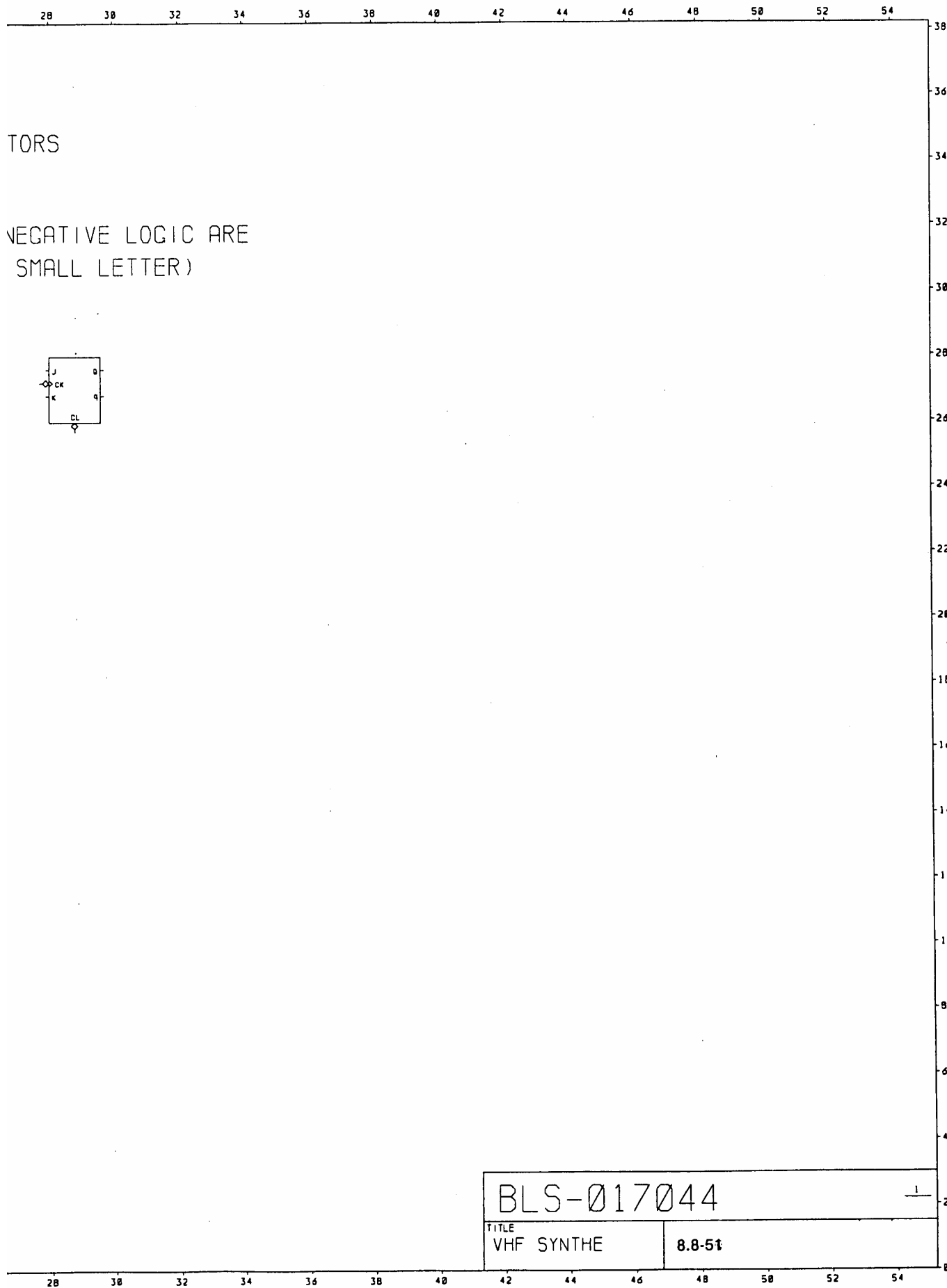


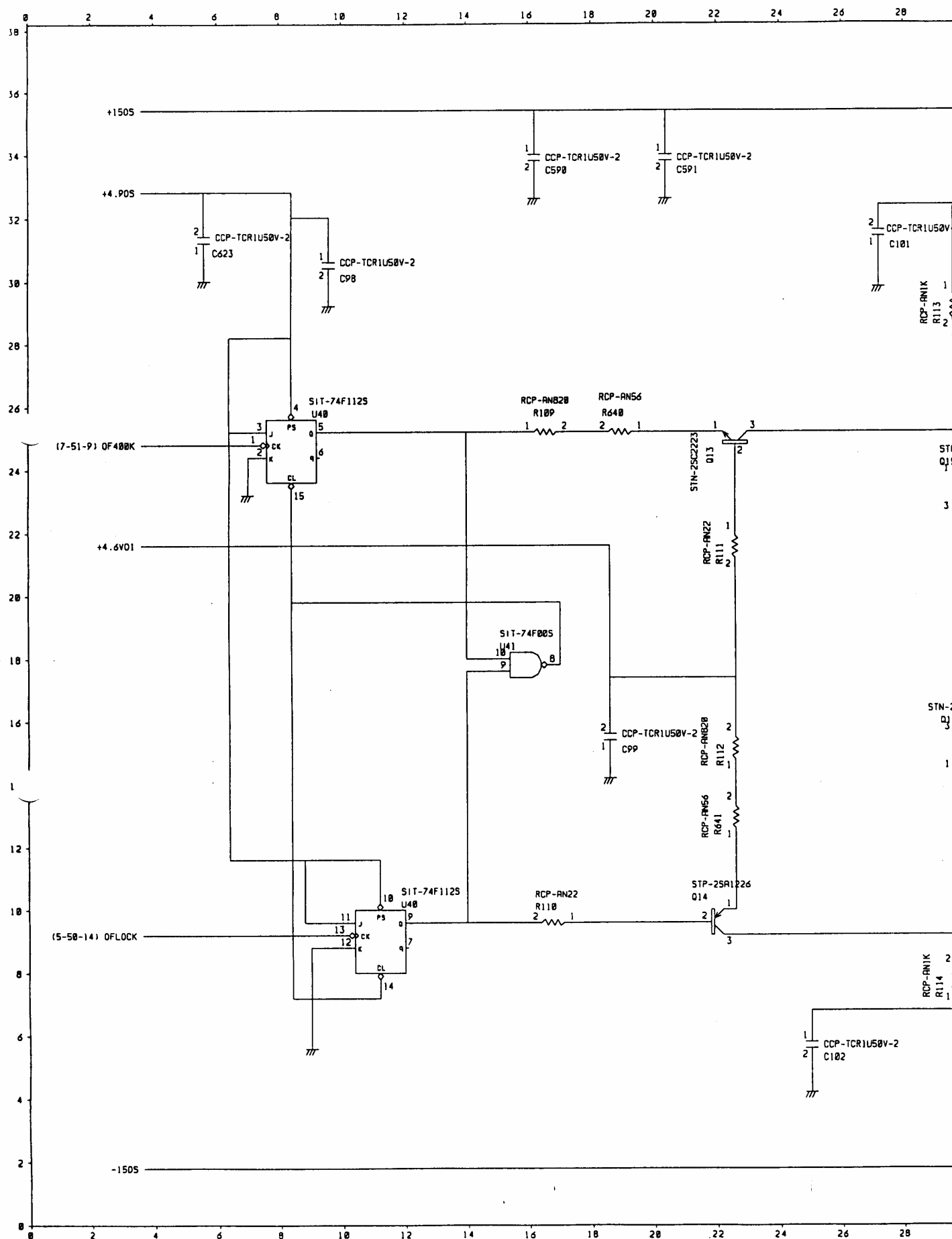
■ DIAGRAMS ILLUSTRATION

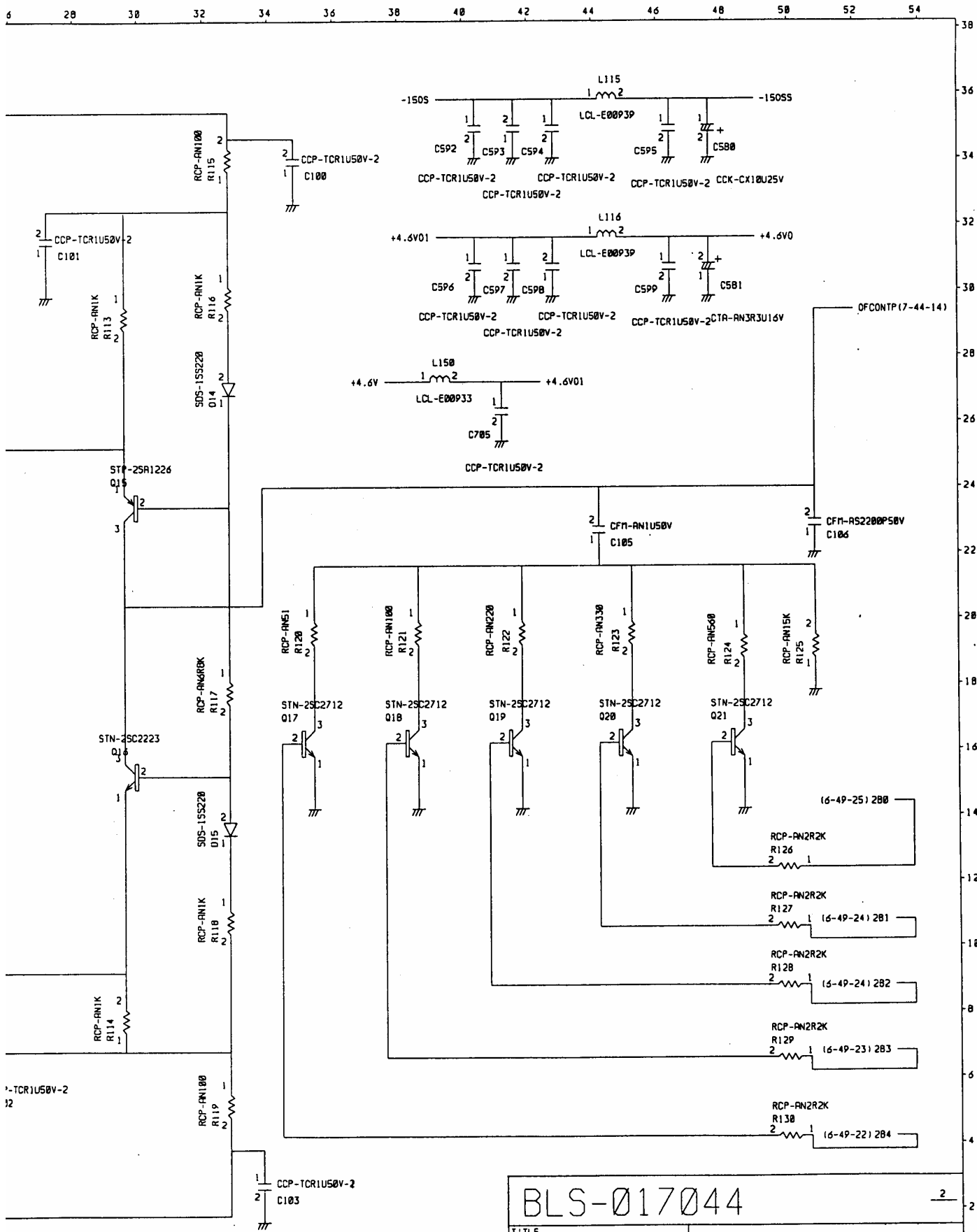
SYMBOLS REFERENCE DESIGNATORS

IC PIN NAME (PIN-NAME OF NEGATIVE LOGIC ARE
DISPLAYED BY SMALL LETTER)







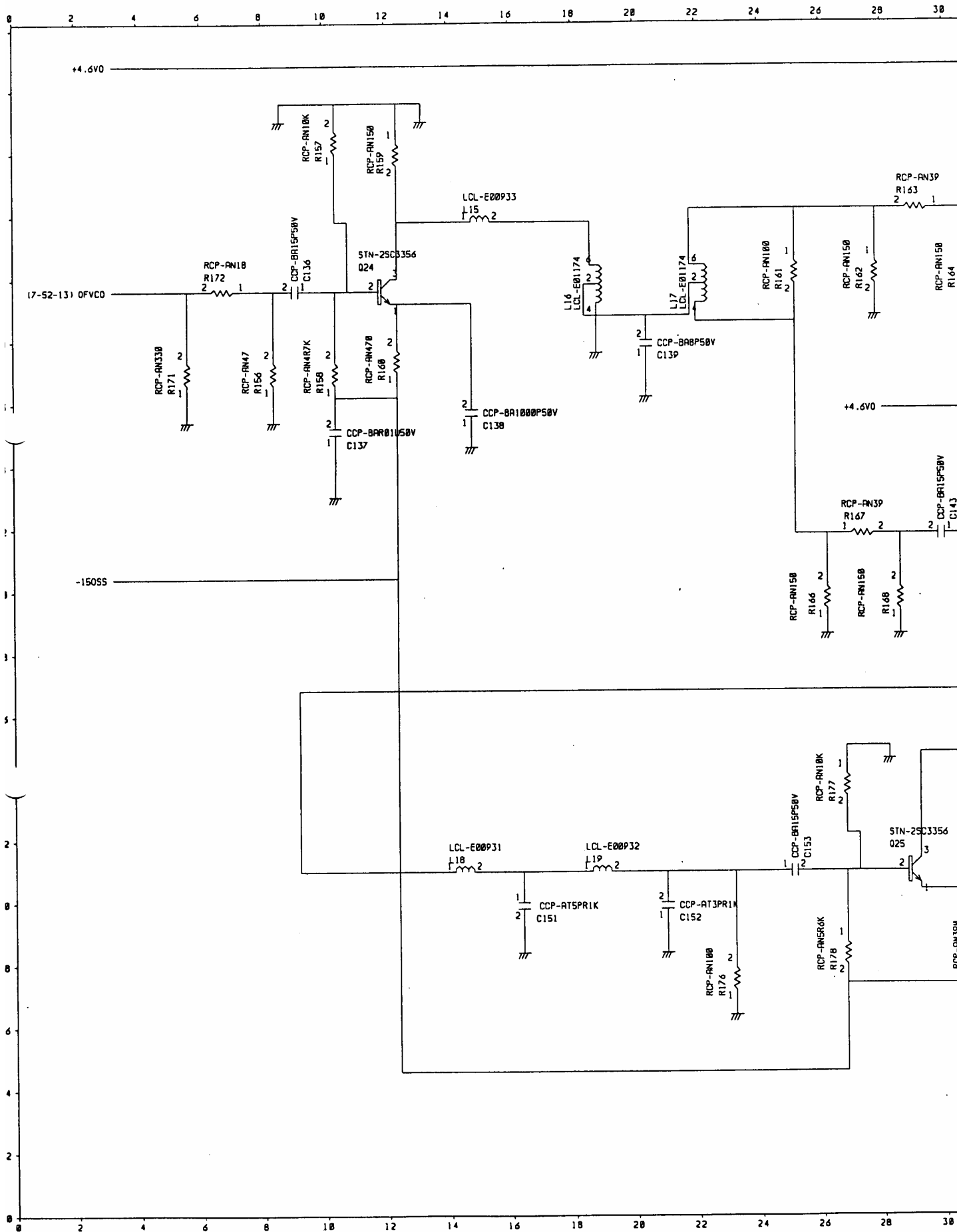


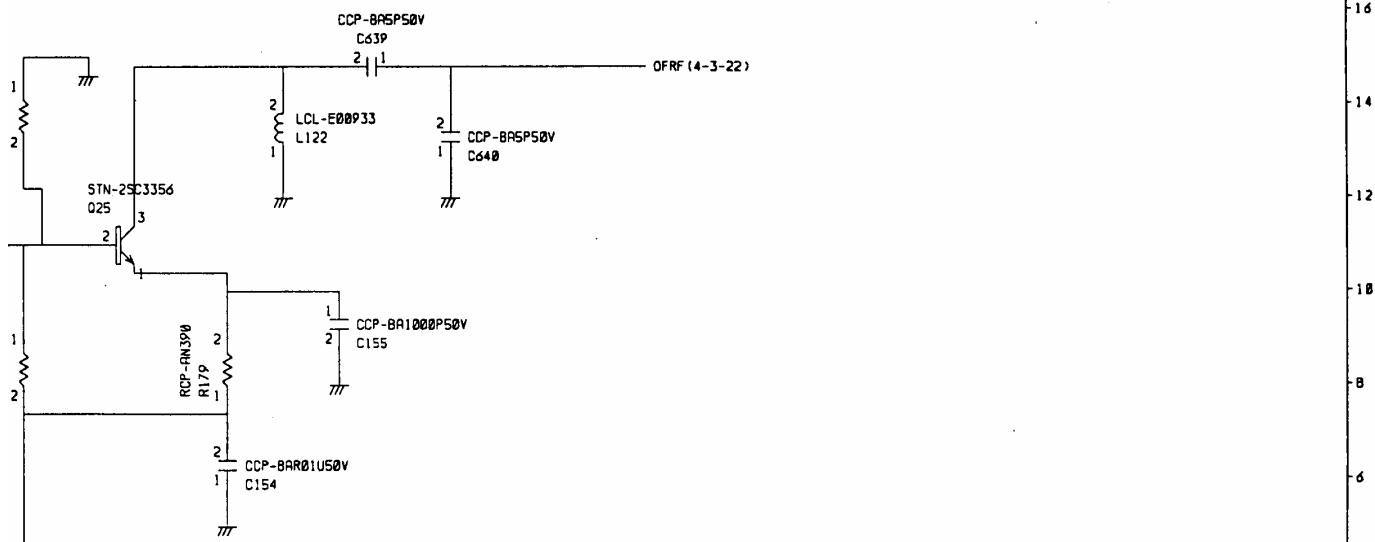
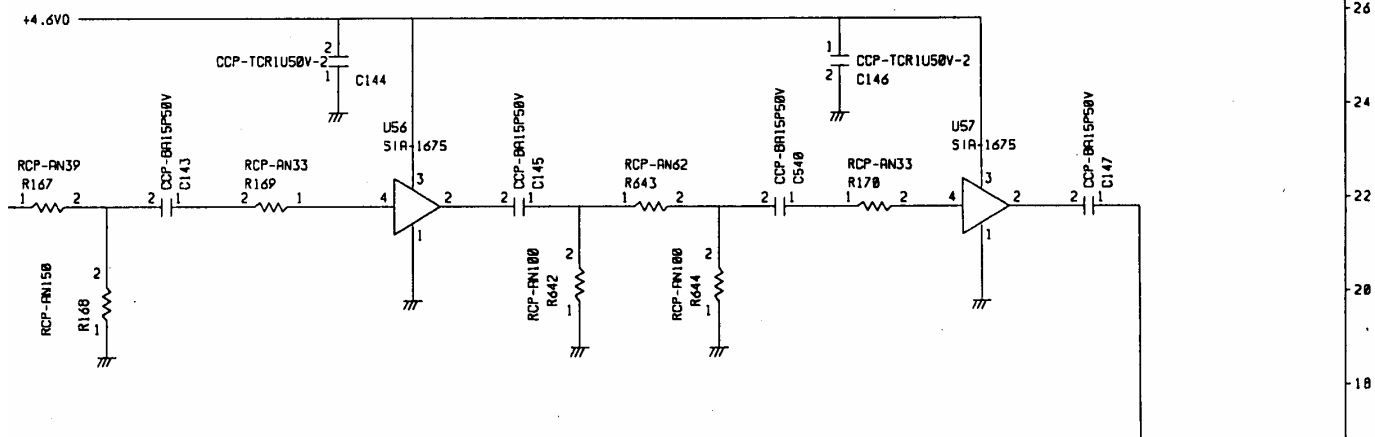
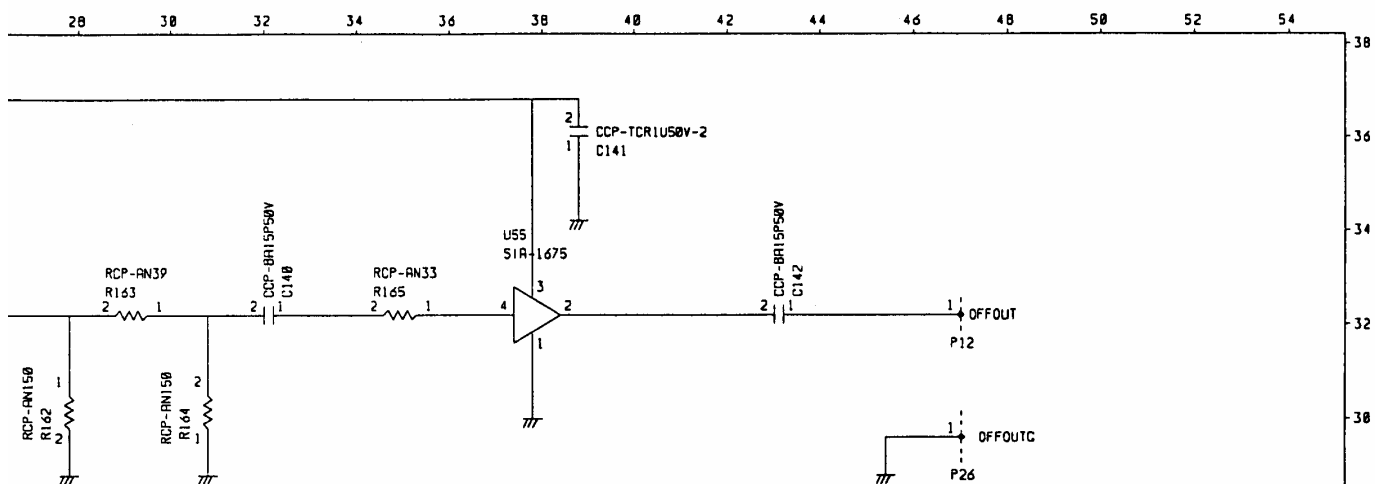
BLS-017044

TITLE
VHF SYNTH

8.8-52

2

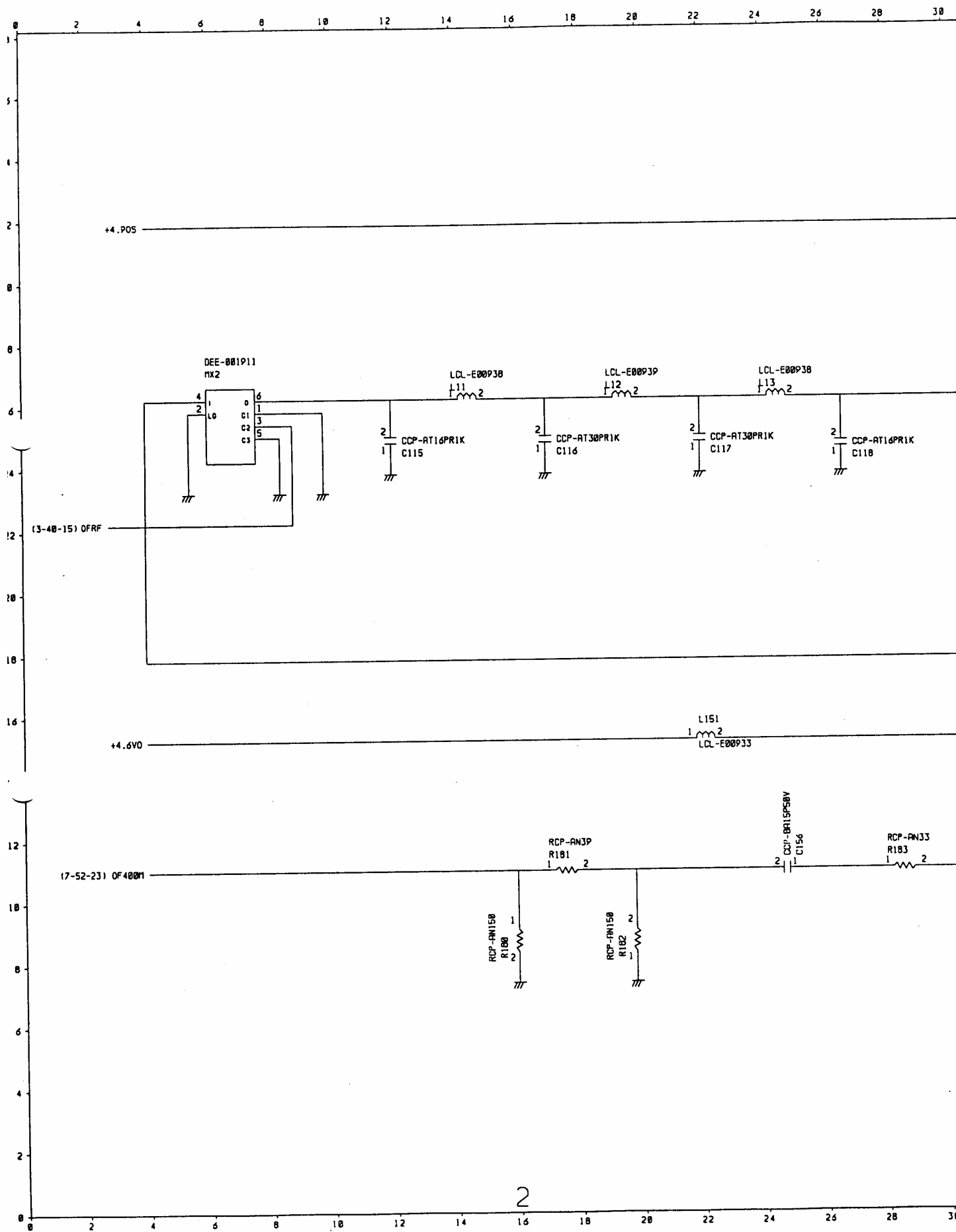


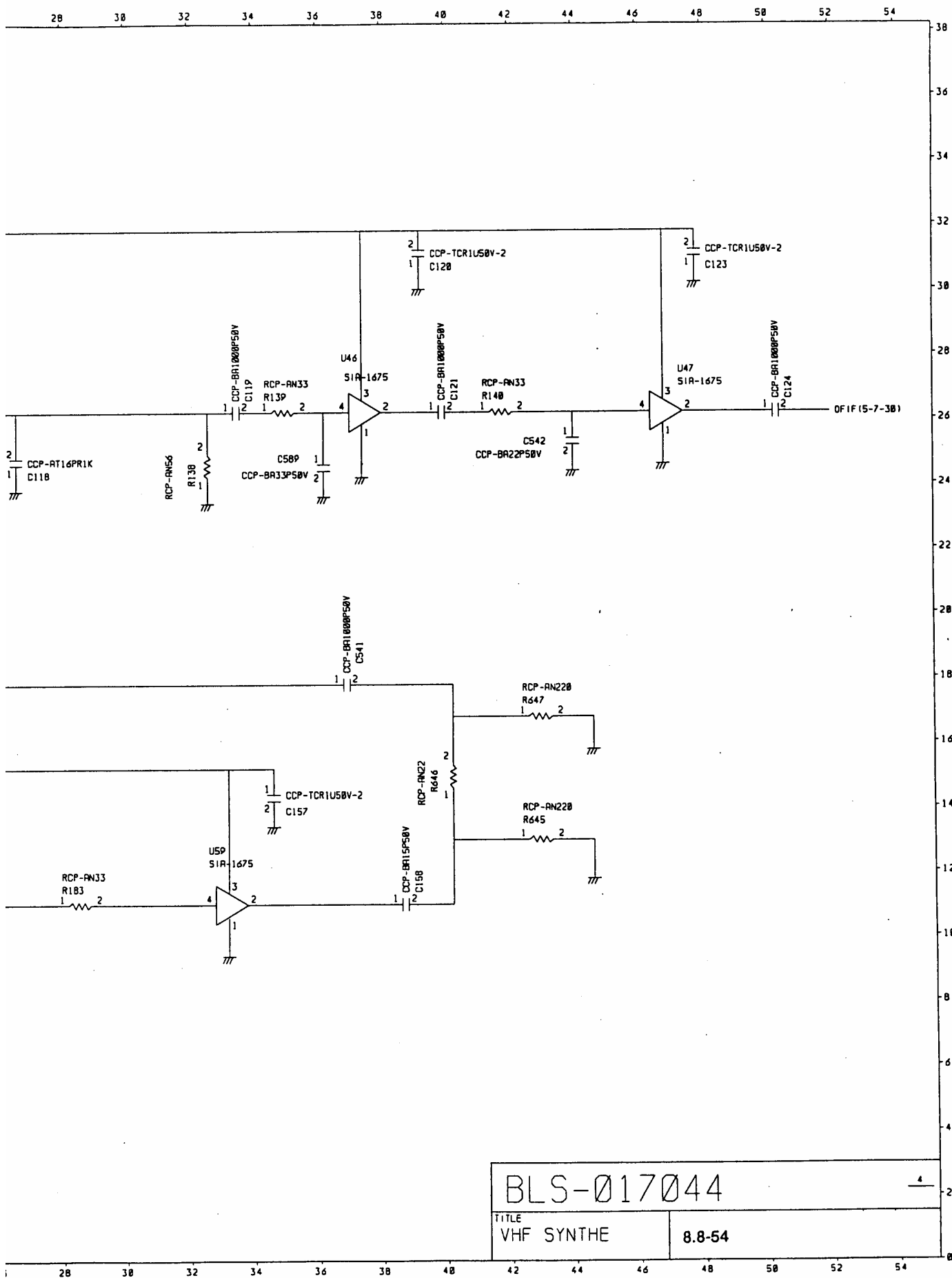


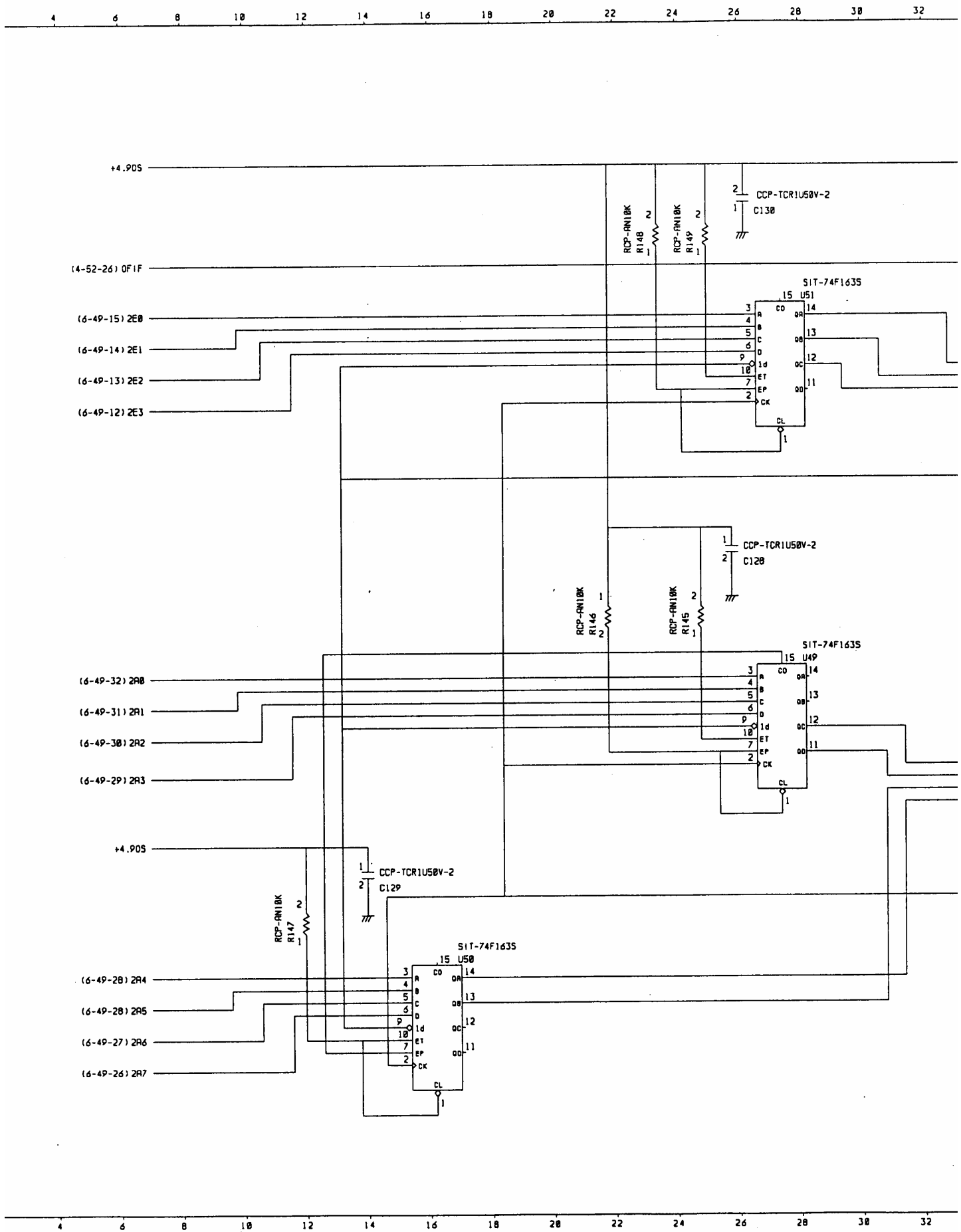
BLS-017044

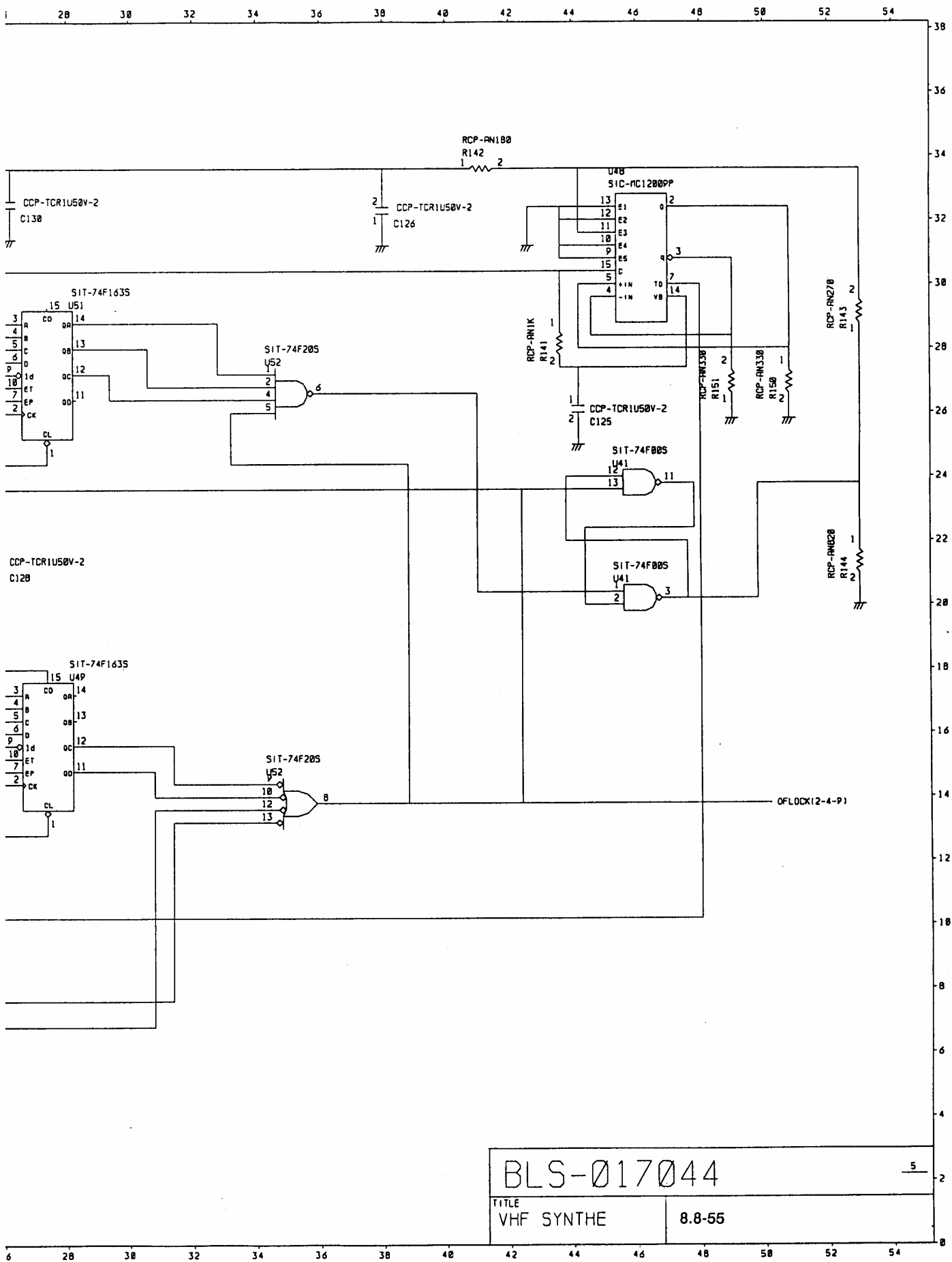
TITLE	VHF SYNTH
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8.8-53





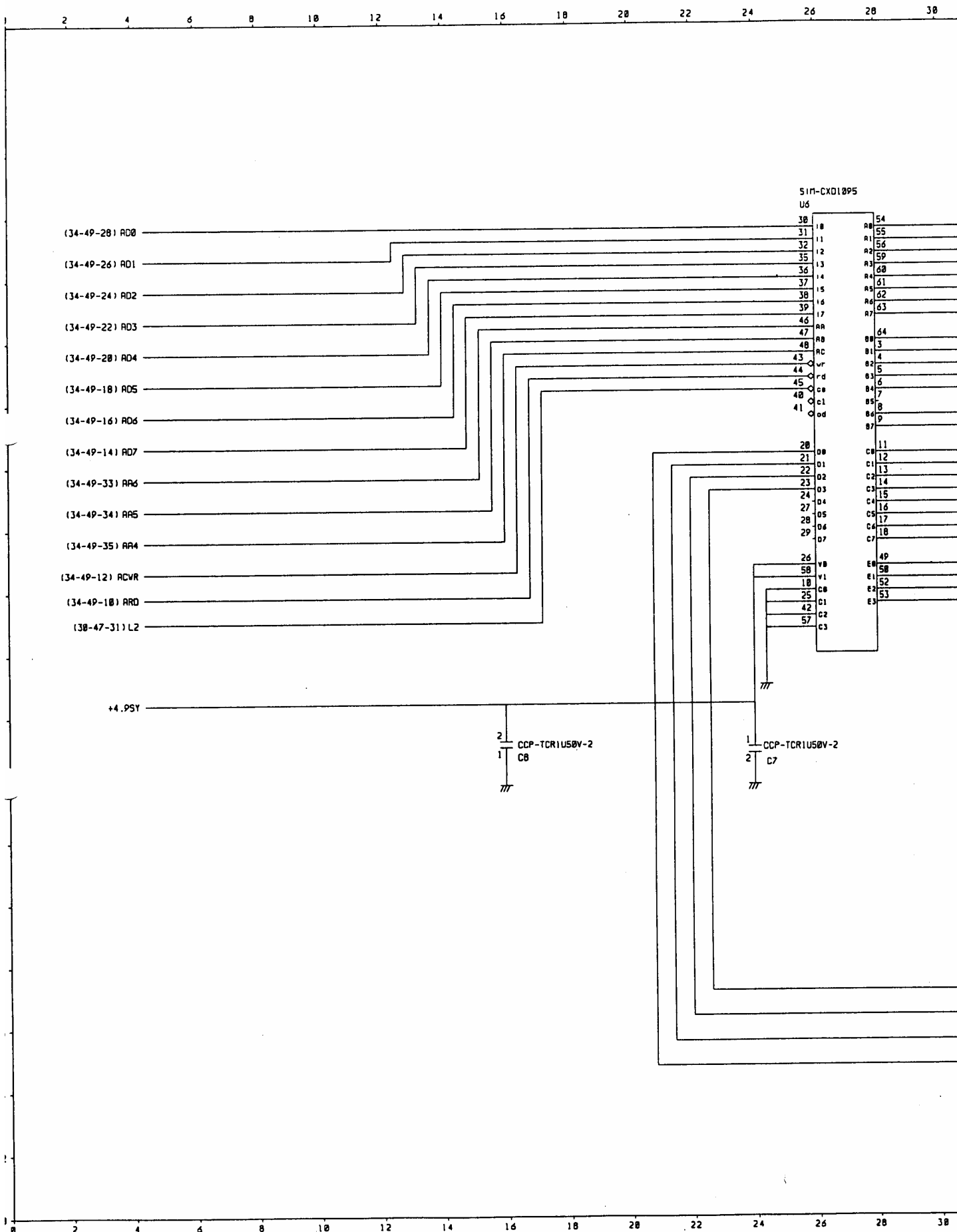


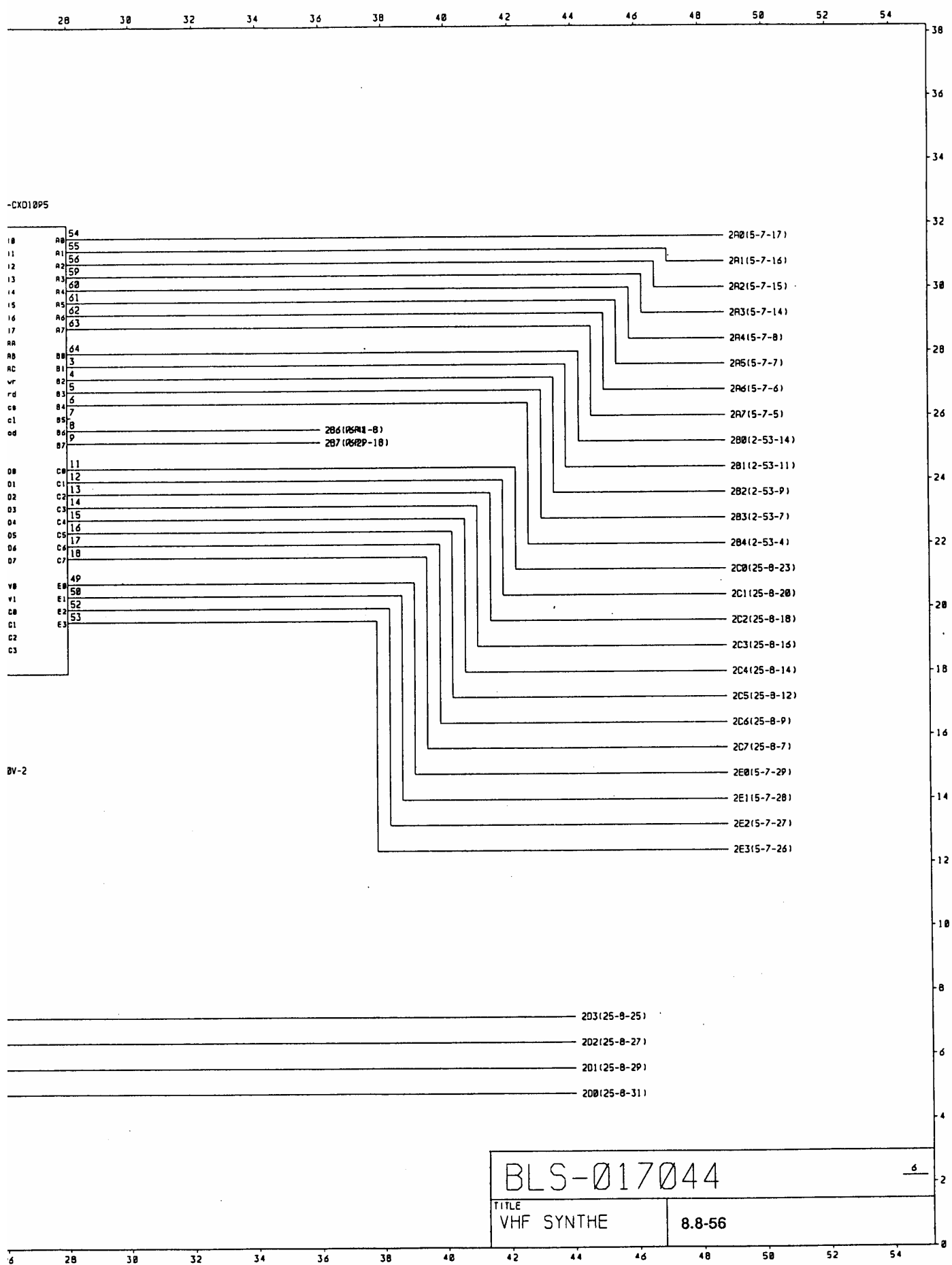


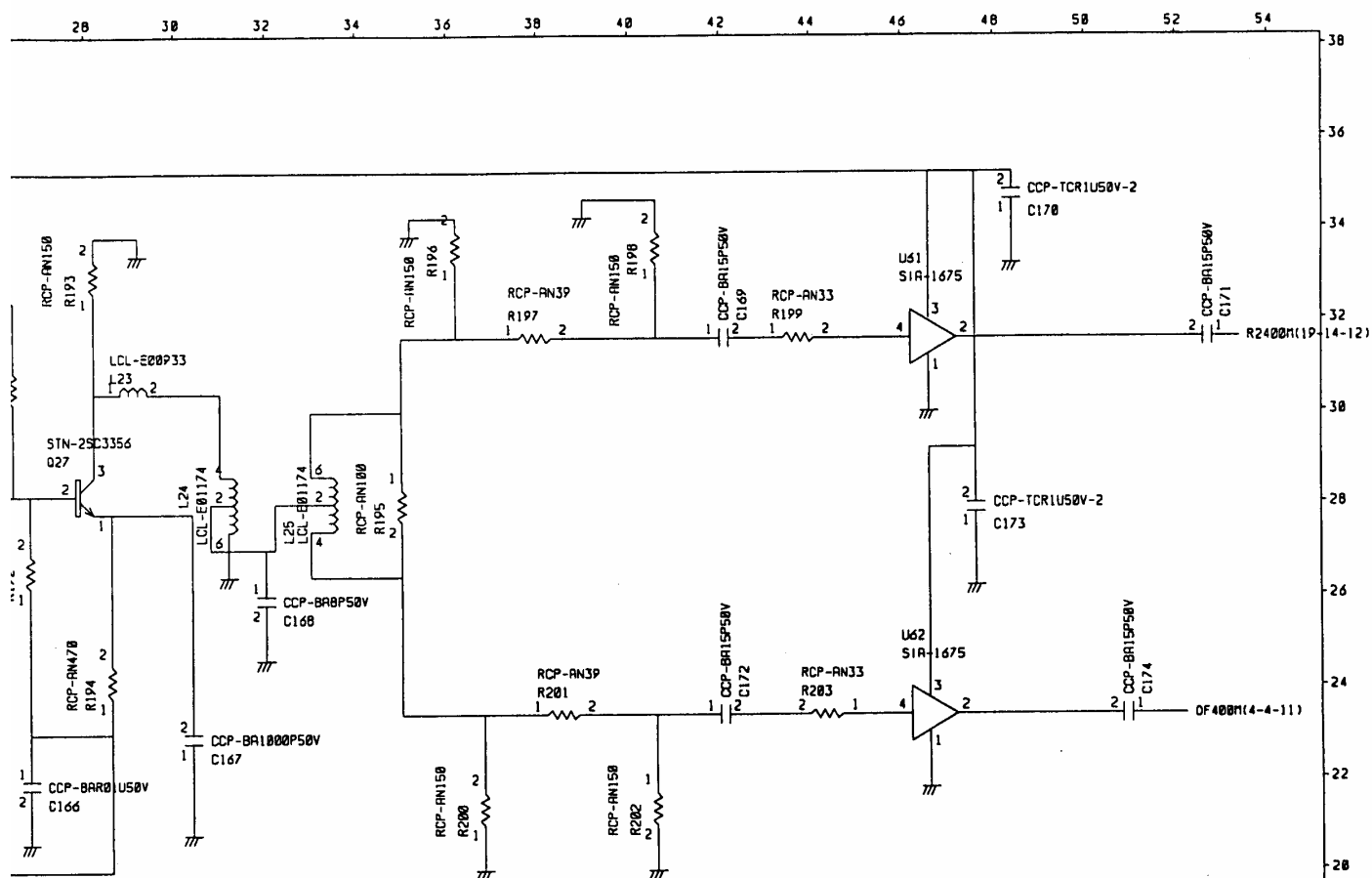
BLS-017044

TITLE
VHF SYNTH

8.8-55



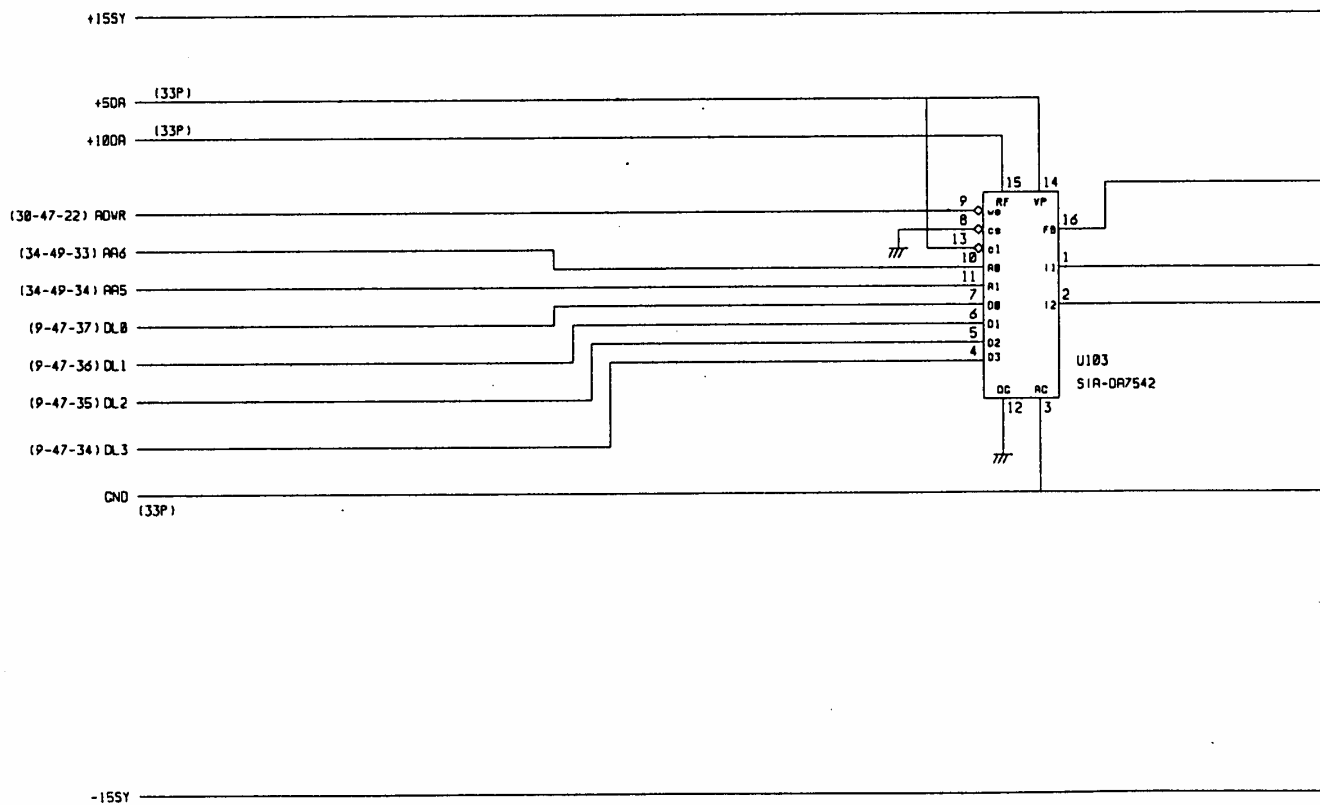
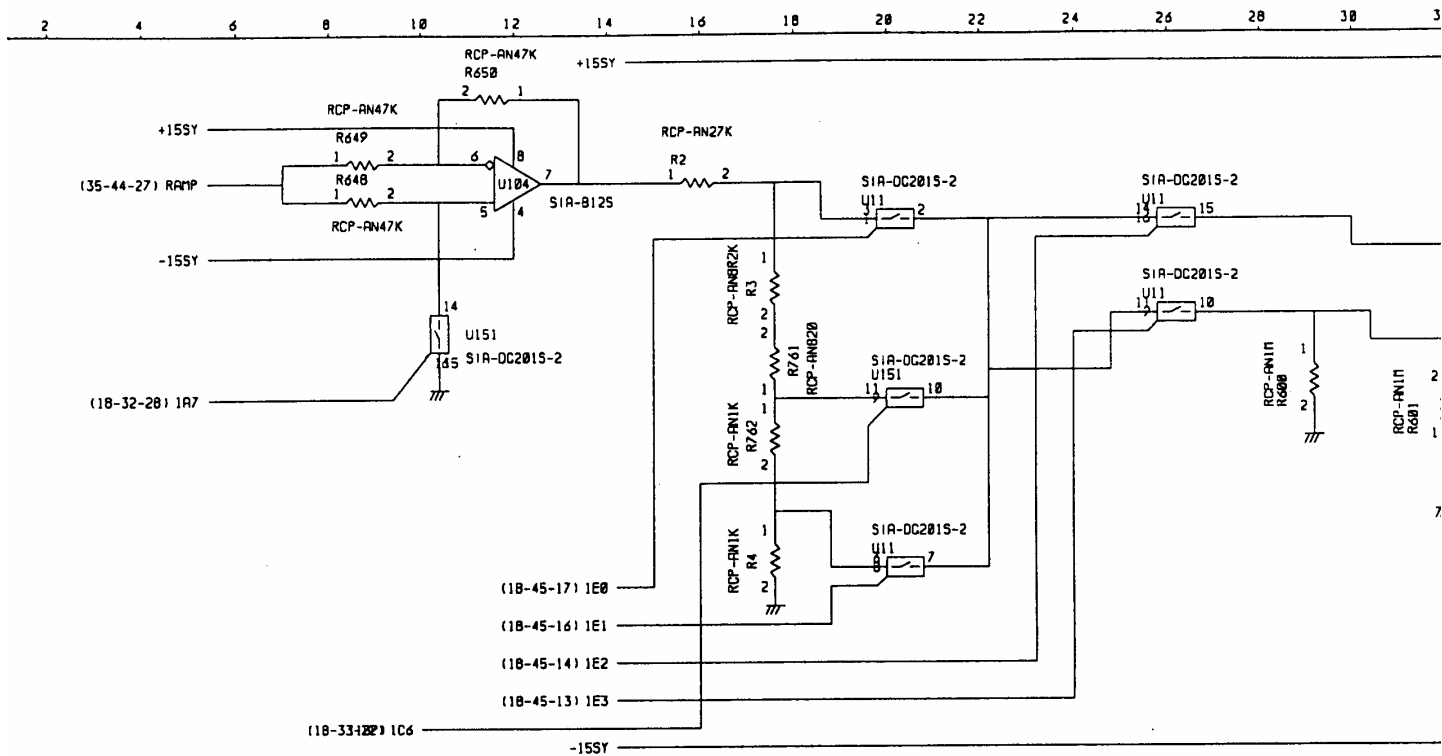


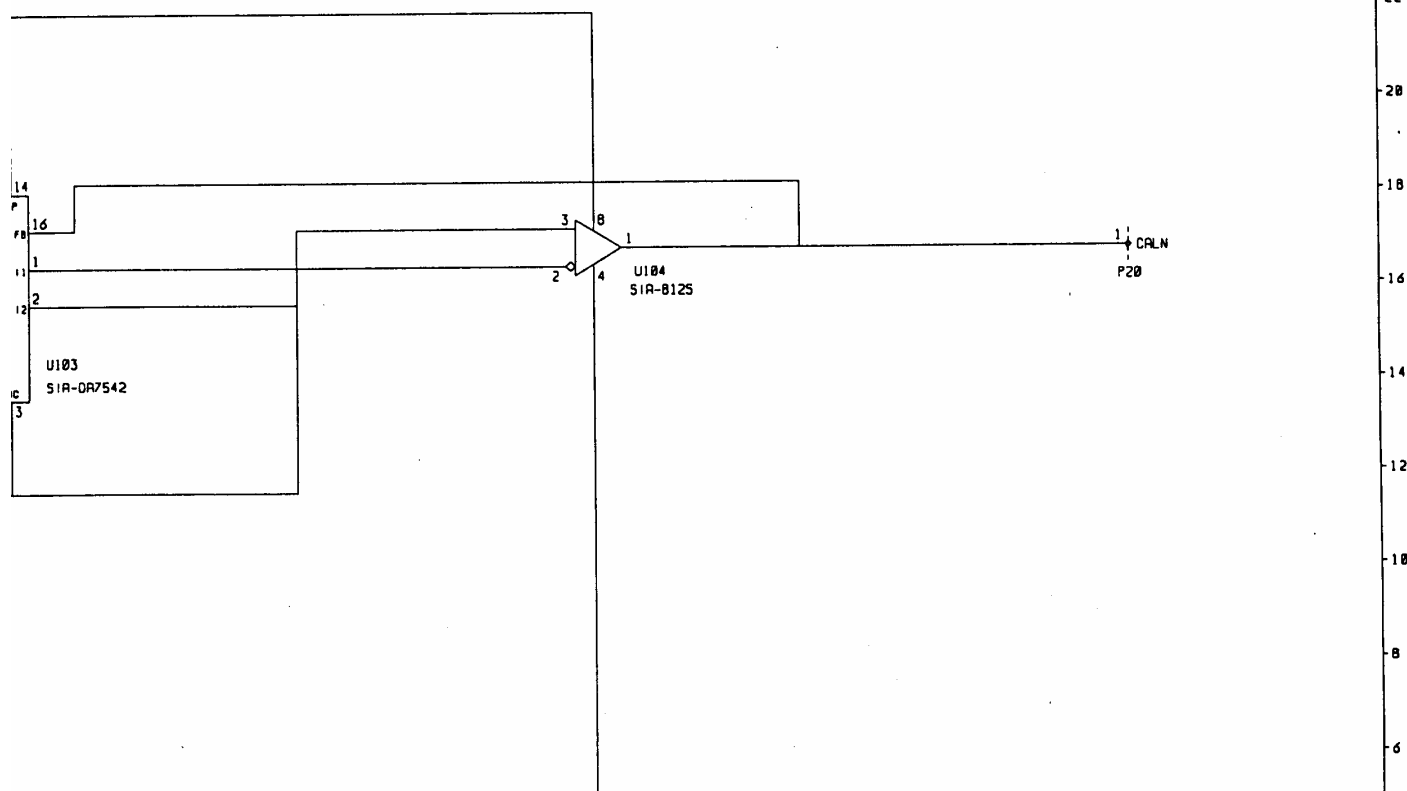
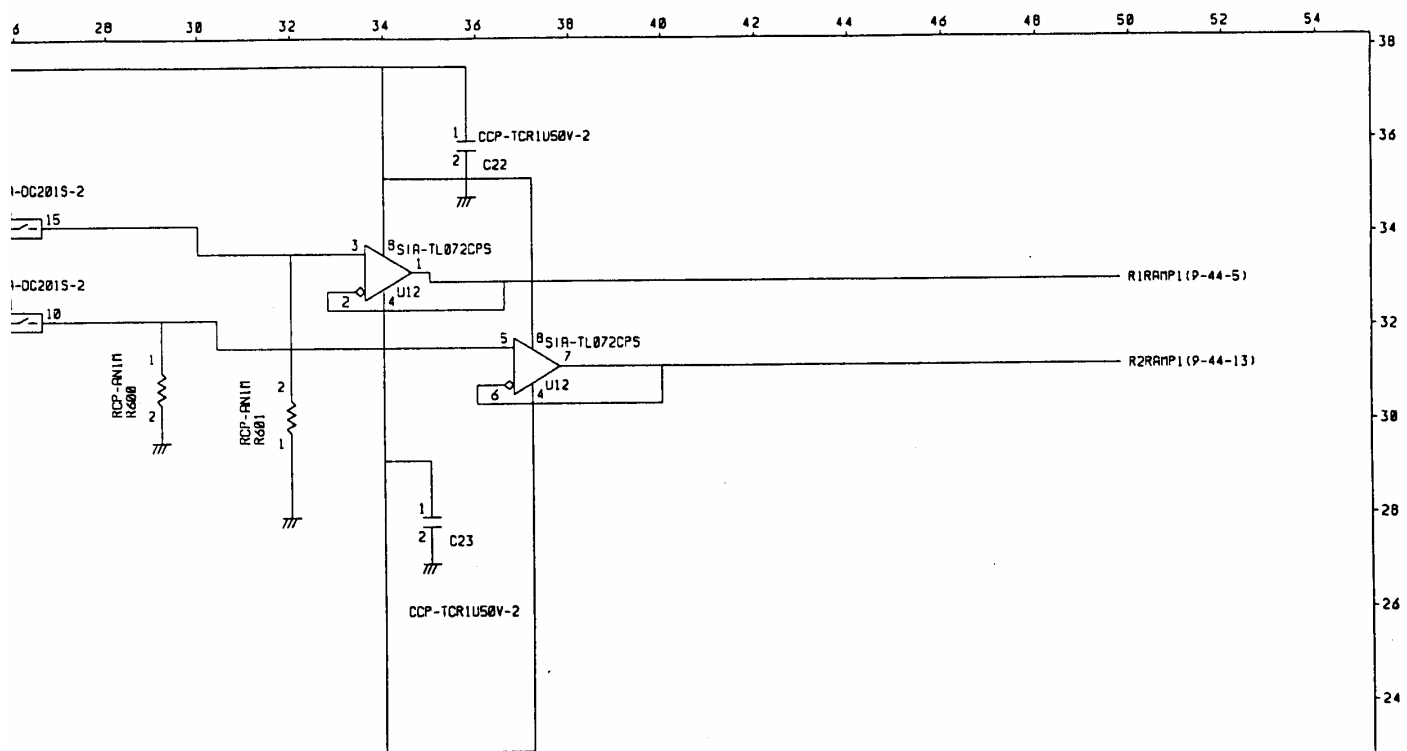


BLS-017044

TITLE
VHF SYNTH

8.8-57



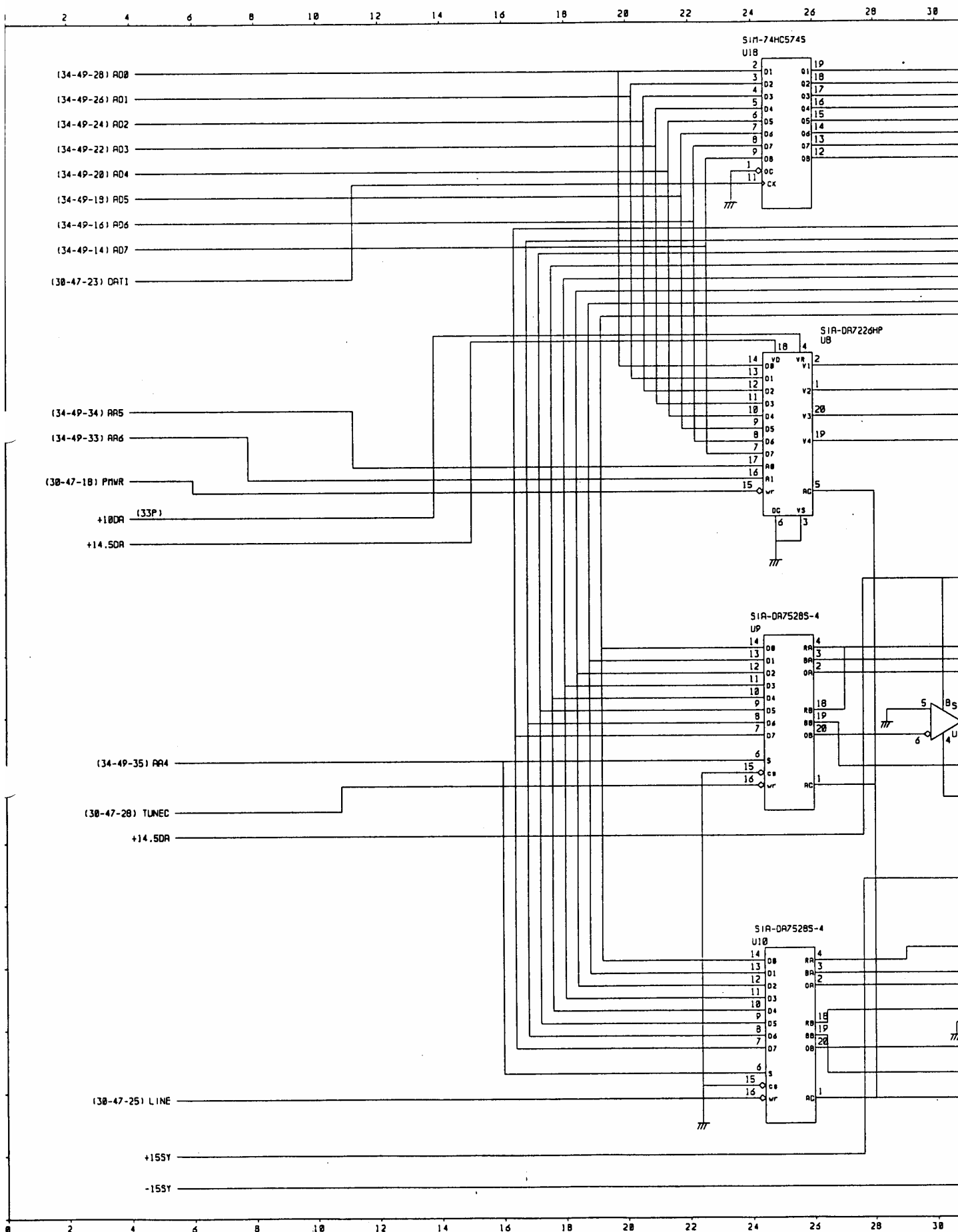


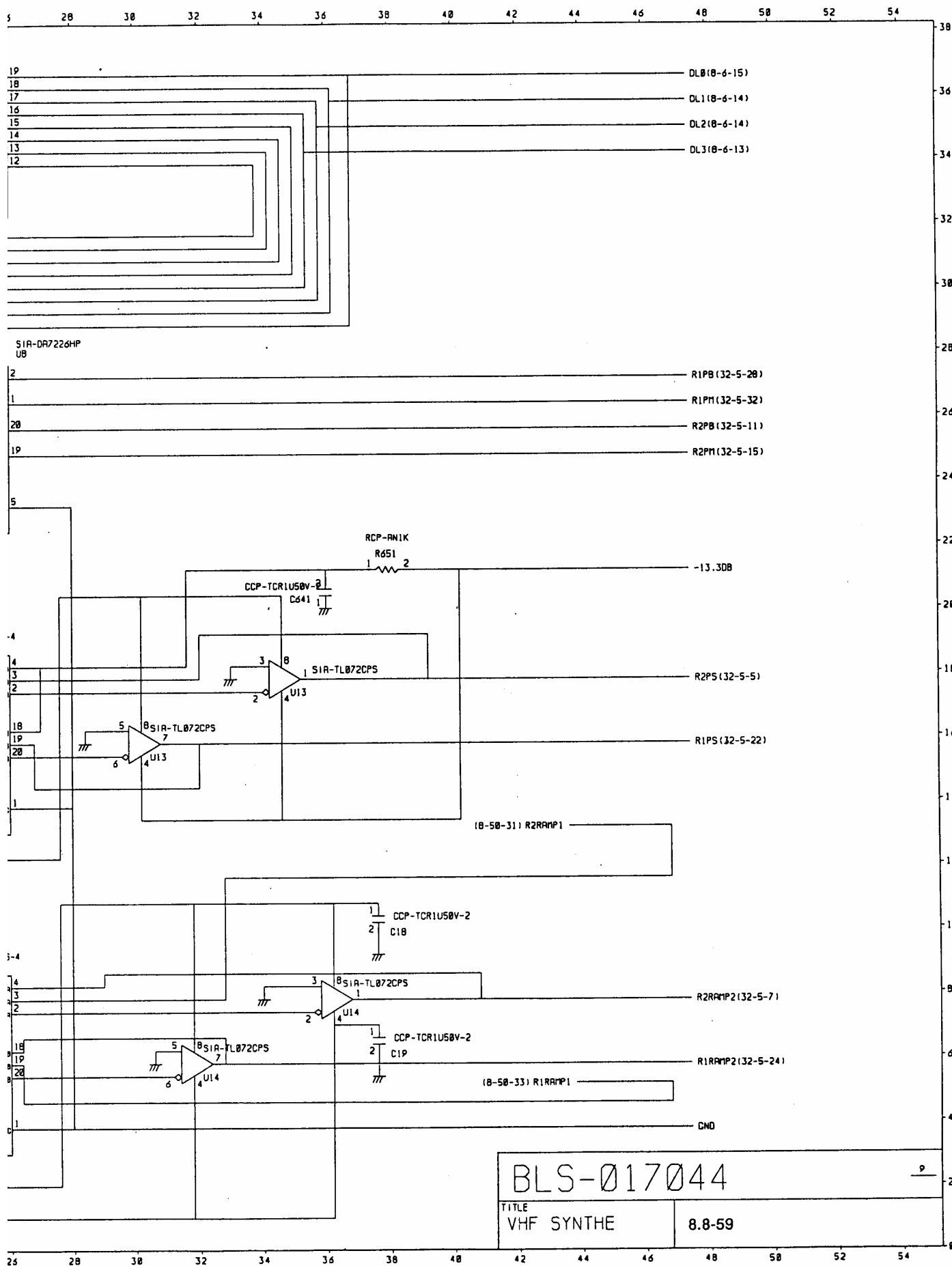
BLS-017044

TITLE
VHF SYNTH

8.8-58

8

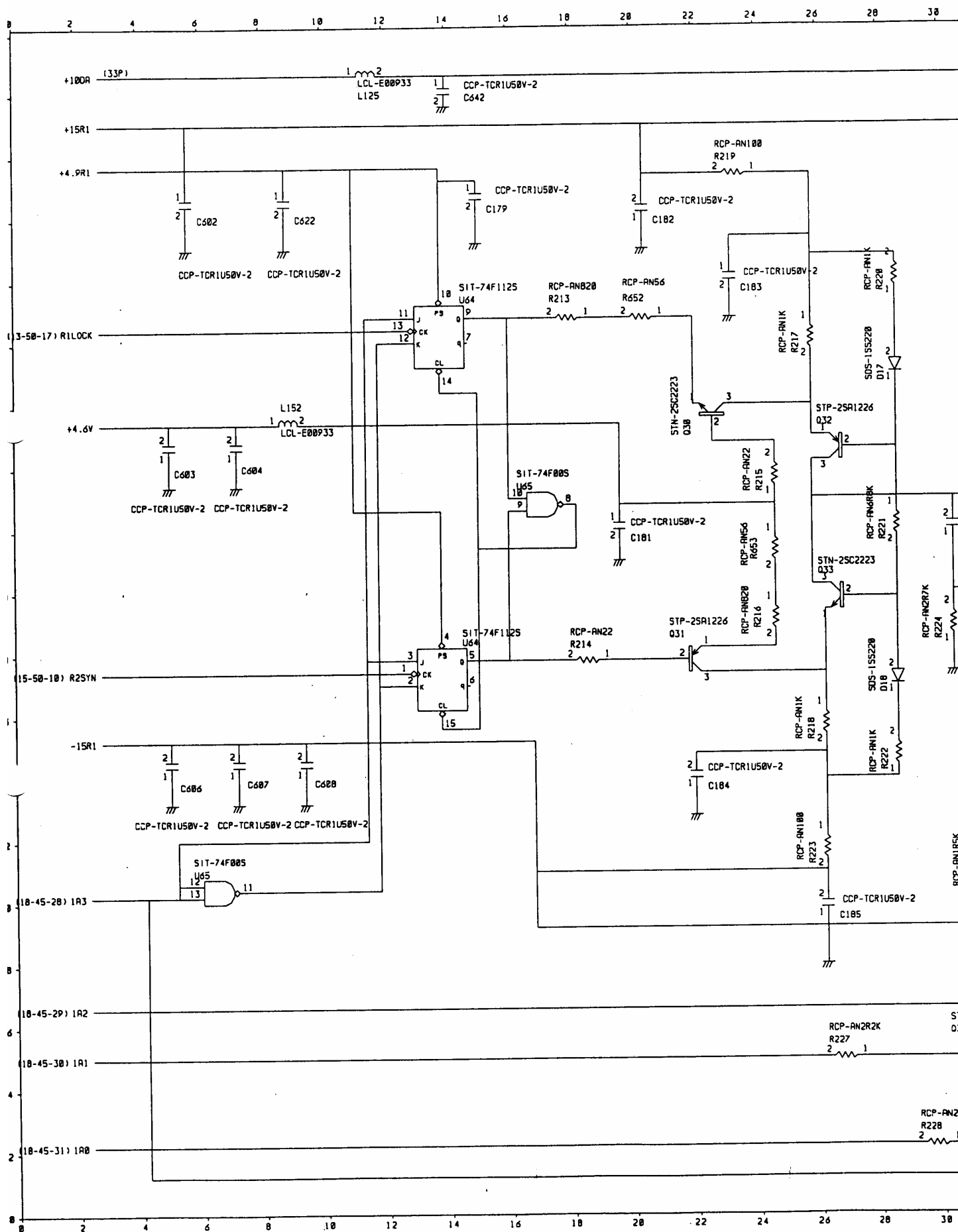


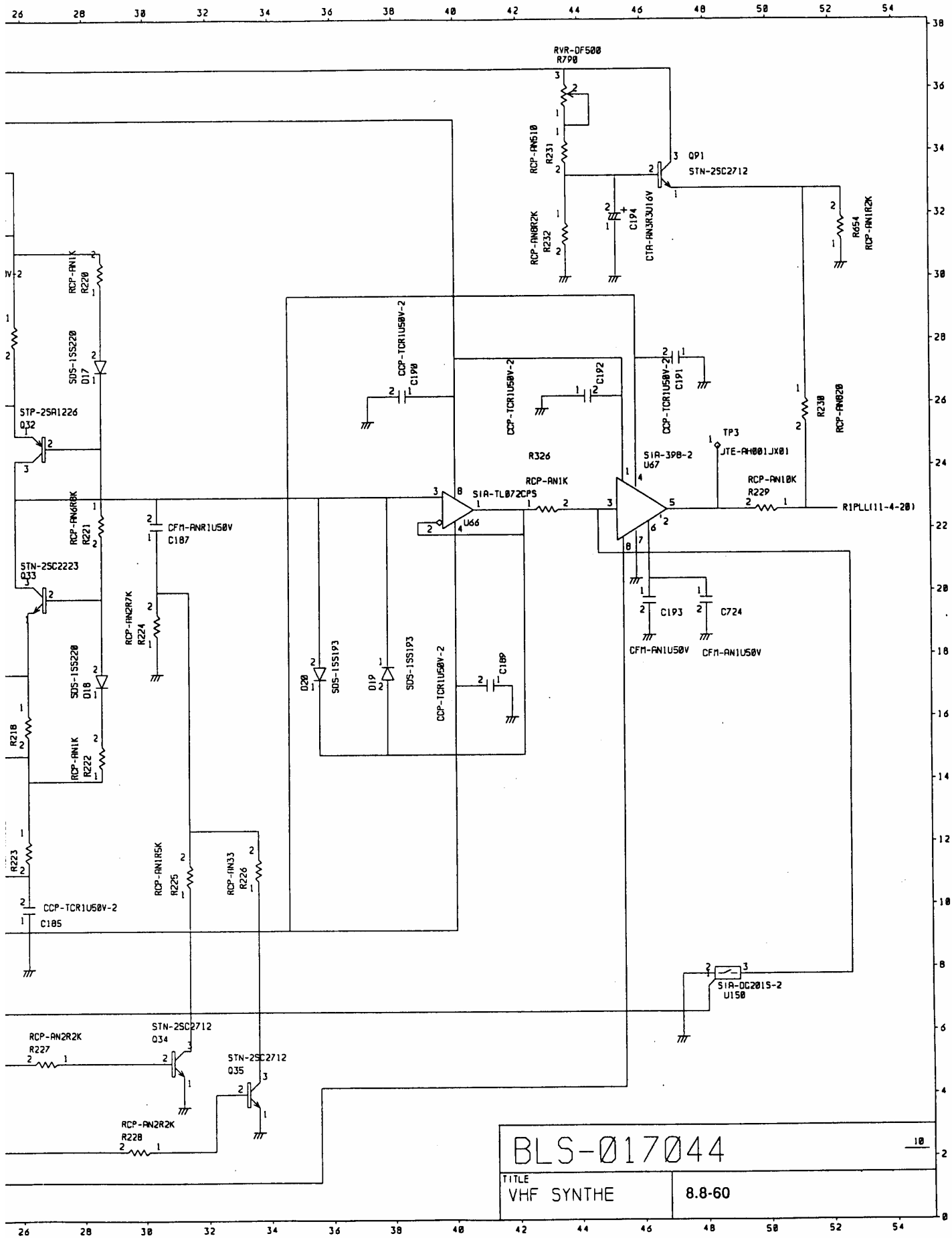


BLS-017044

TITLE
VHF SYNTH

8.8-59



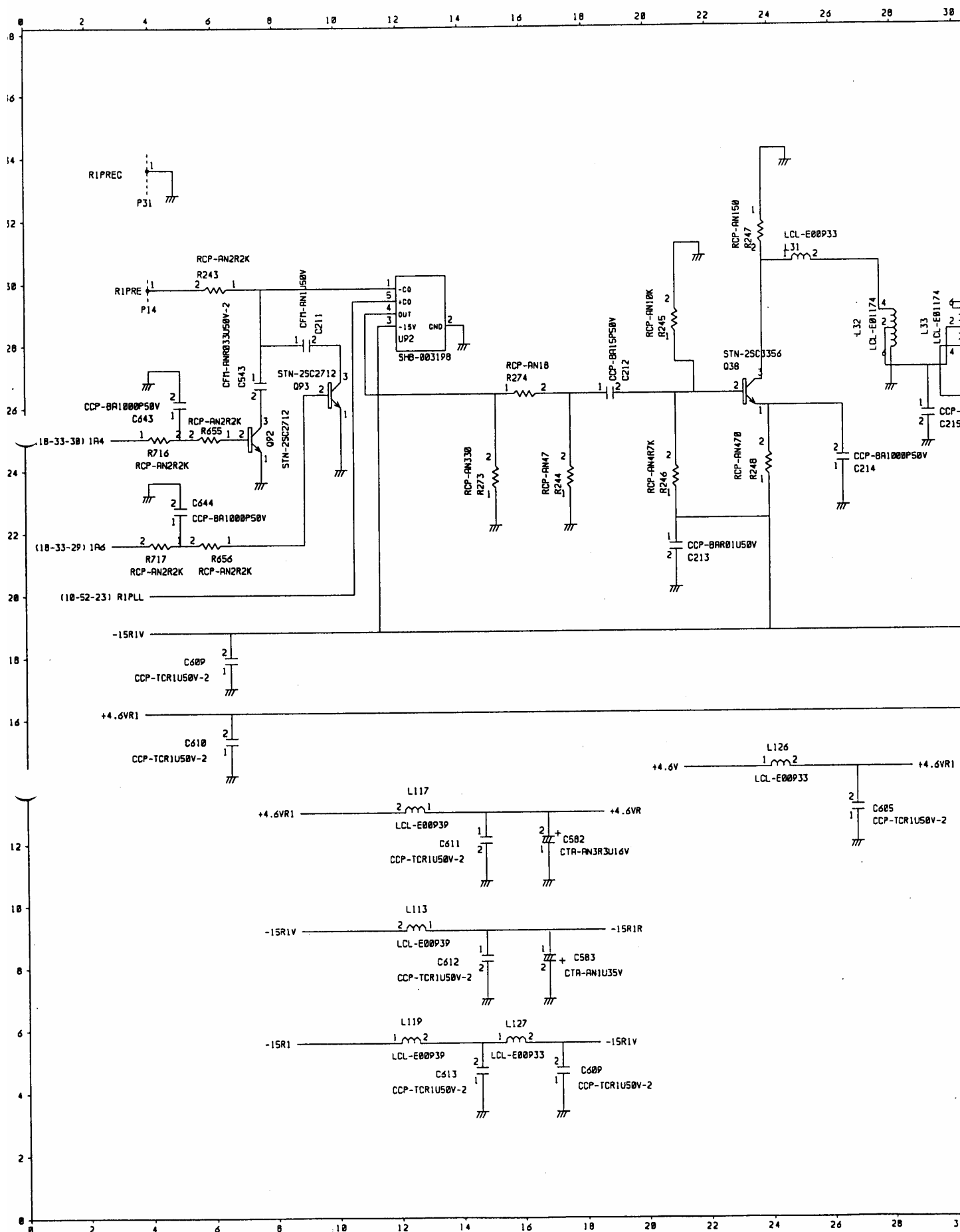


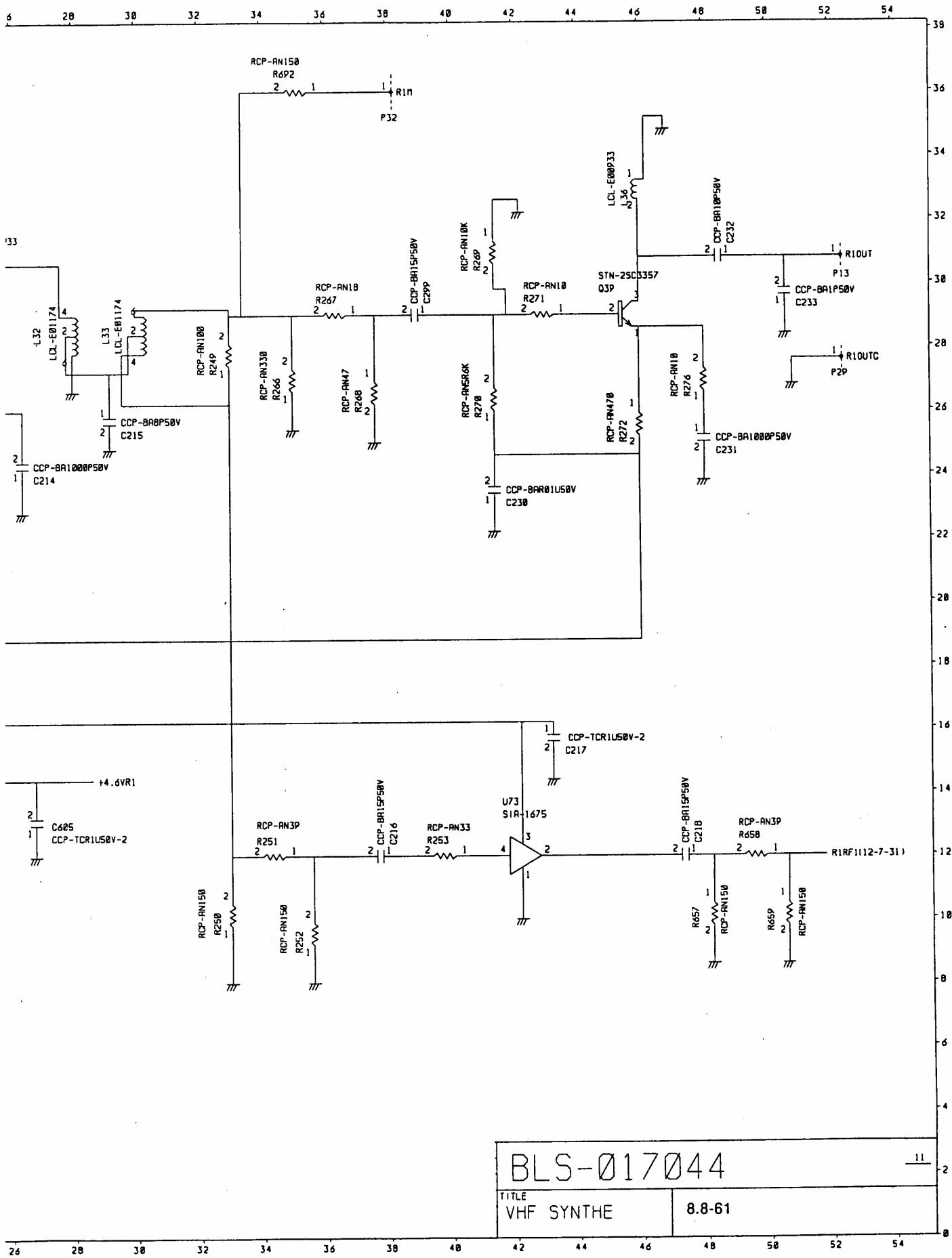
BLS-017044

TITLE

VHF SYNTH

8.8-60



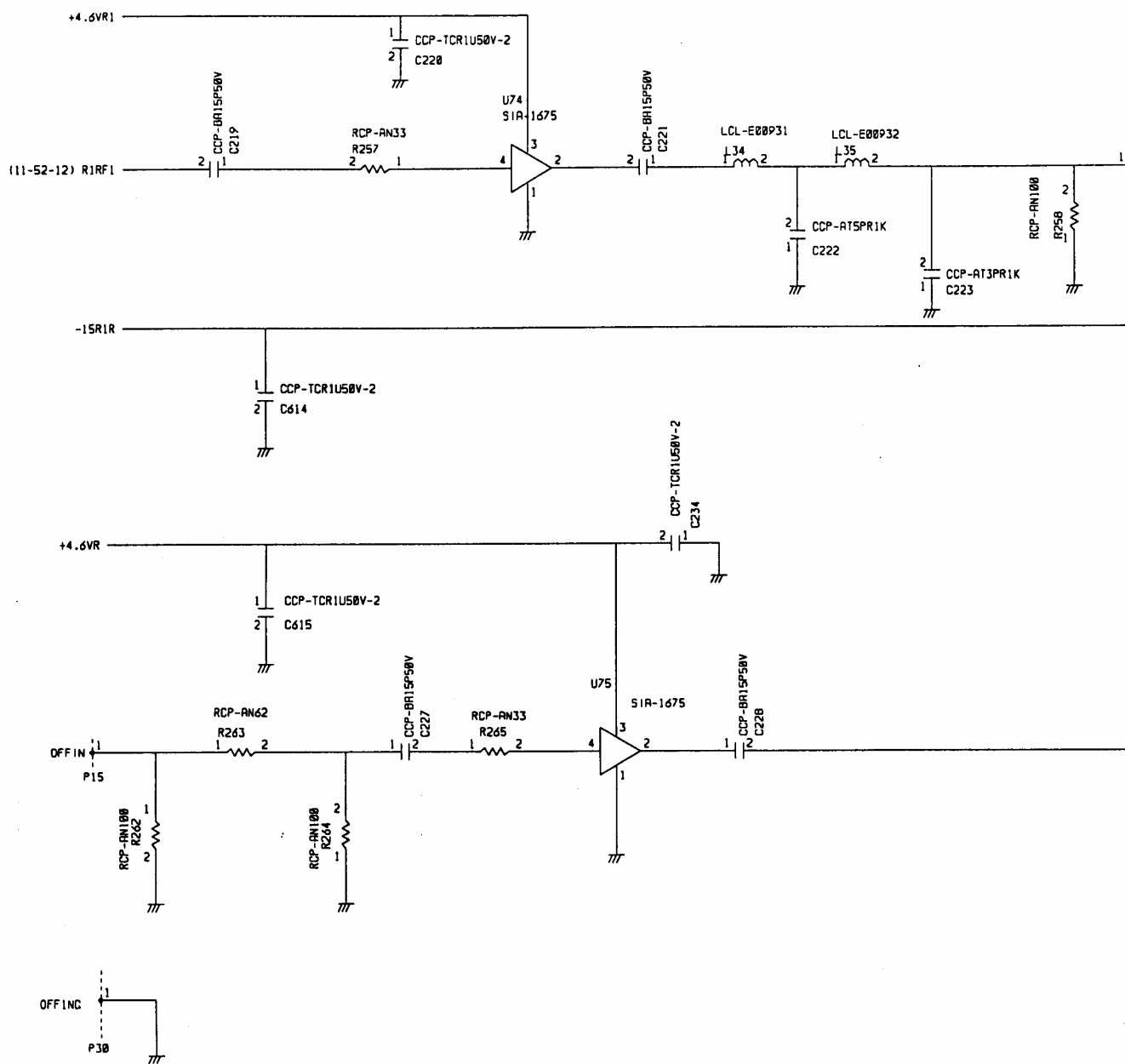


BLS-017044

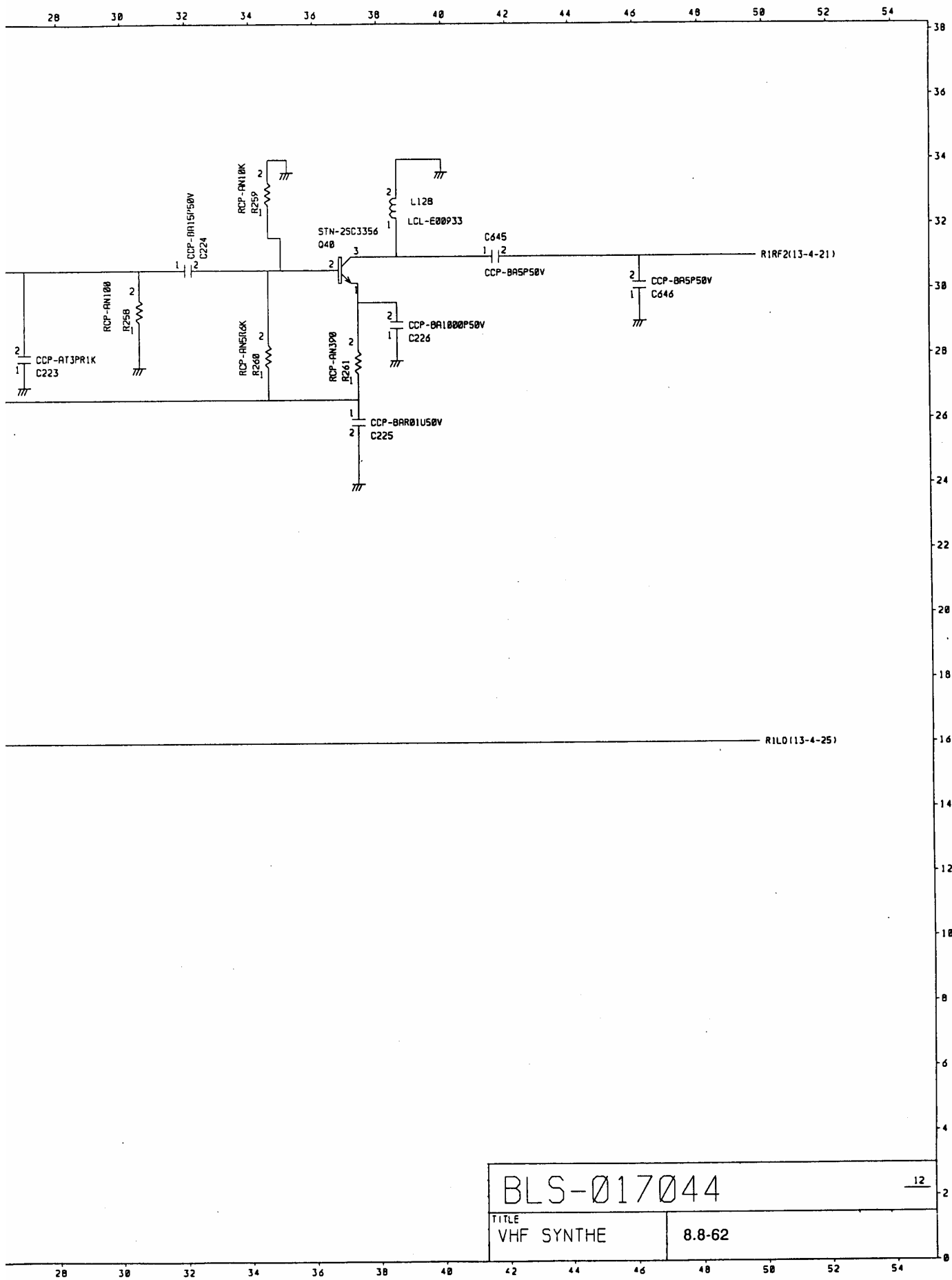
TITLE
VHF SYNTH

8.8-61

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2 4 6 8 10 12 14 16 18 20 22 24 26 28 30



BLS-017044

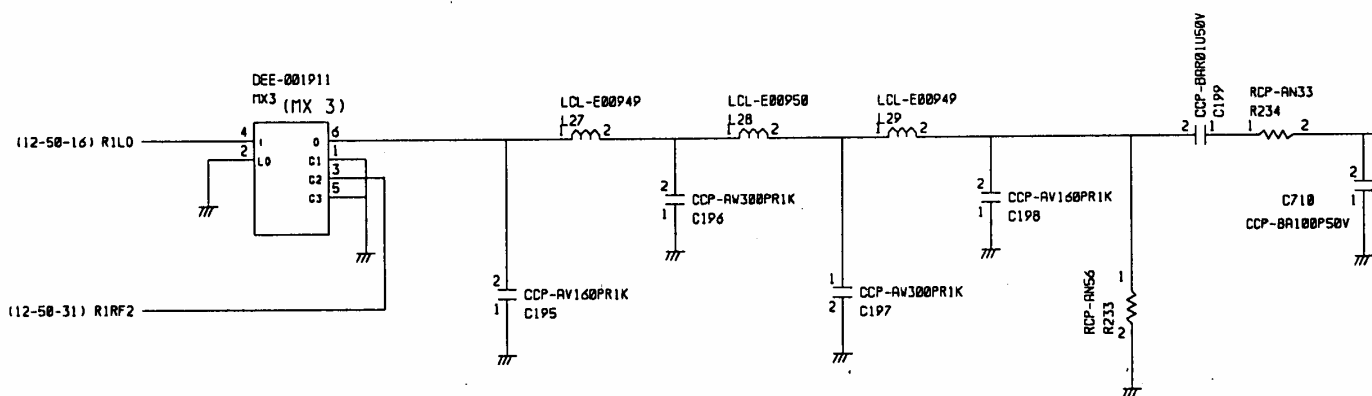
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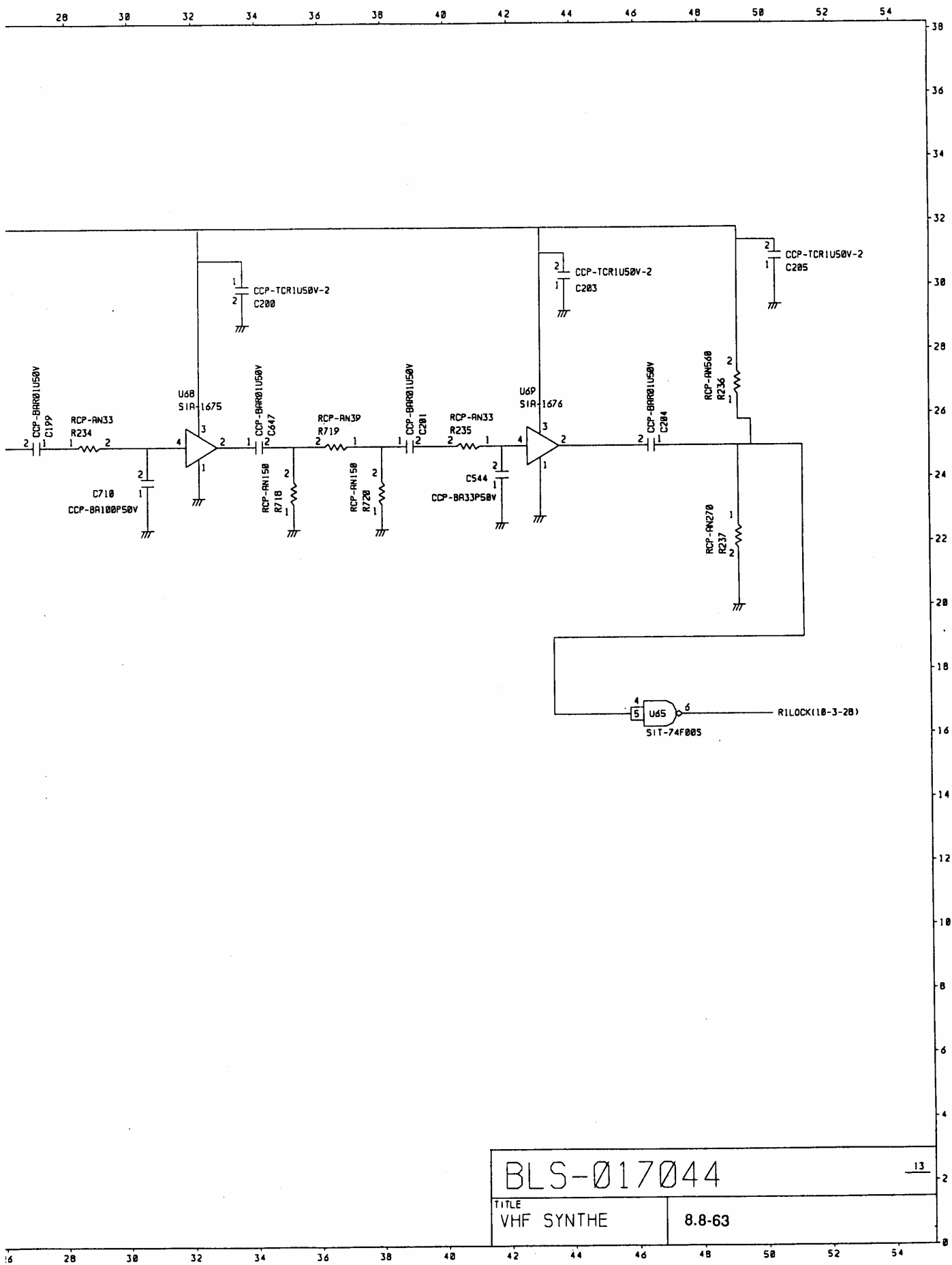
TITLE
VHF SYNTH

8.8-62

2 4 6 8 10 12 14 16 18 20 22 24 26 28 30

+4.PR1



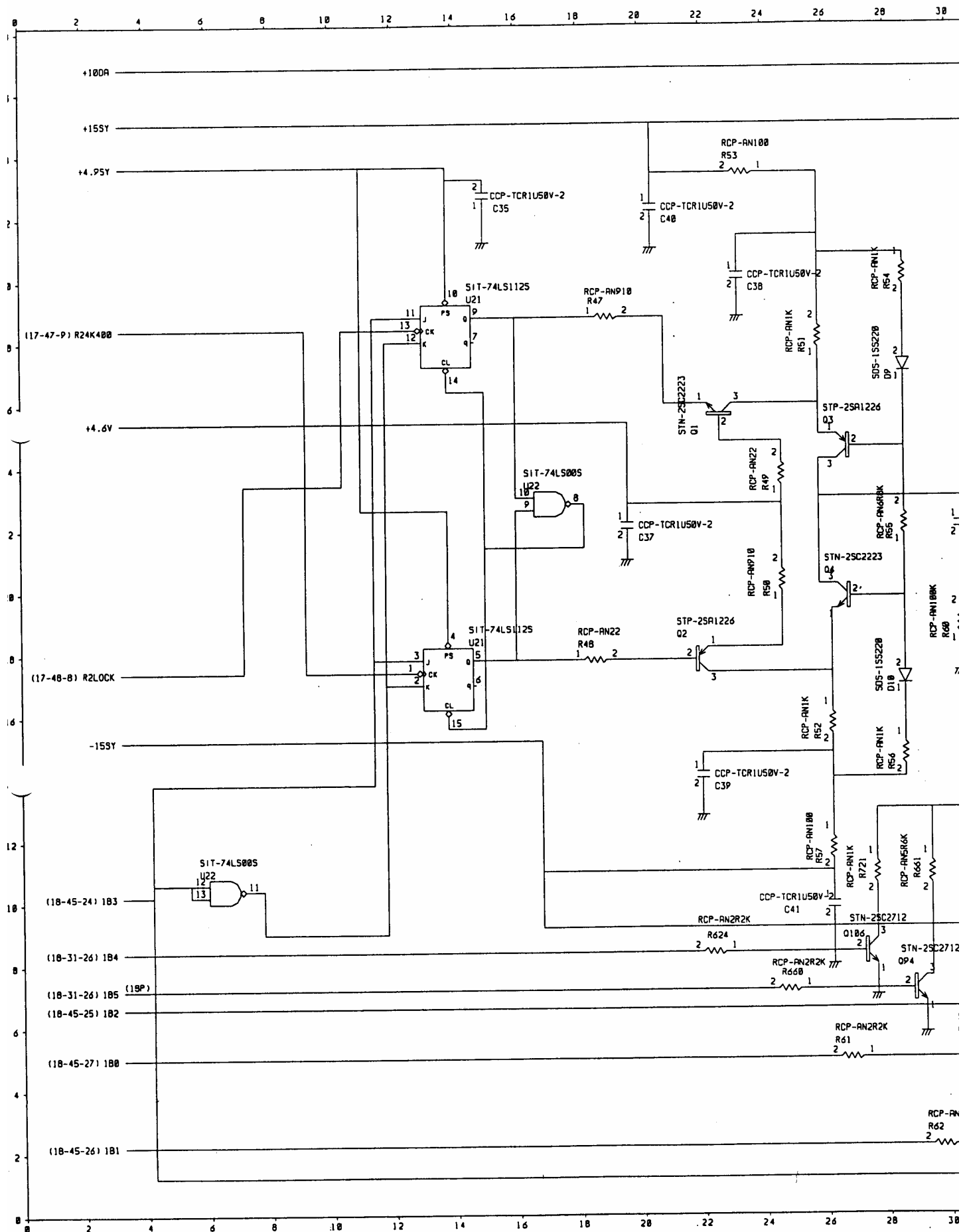


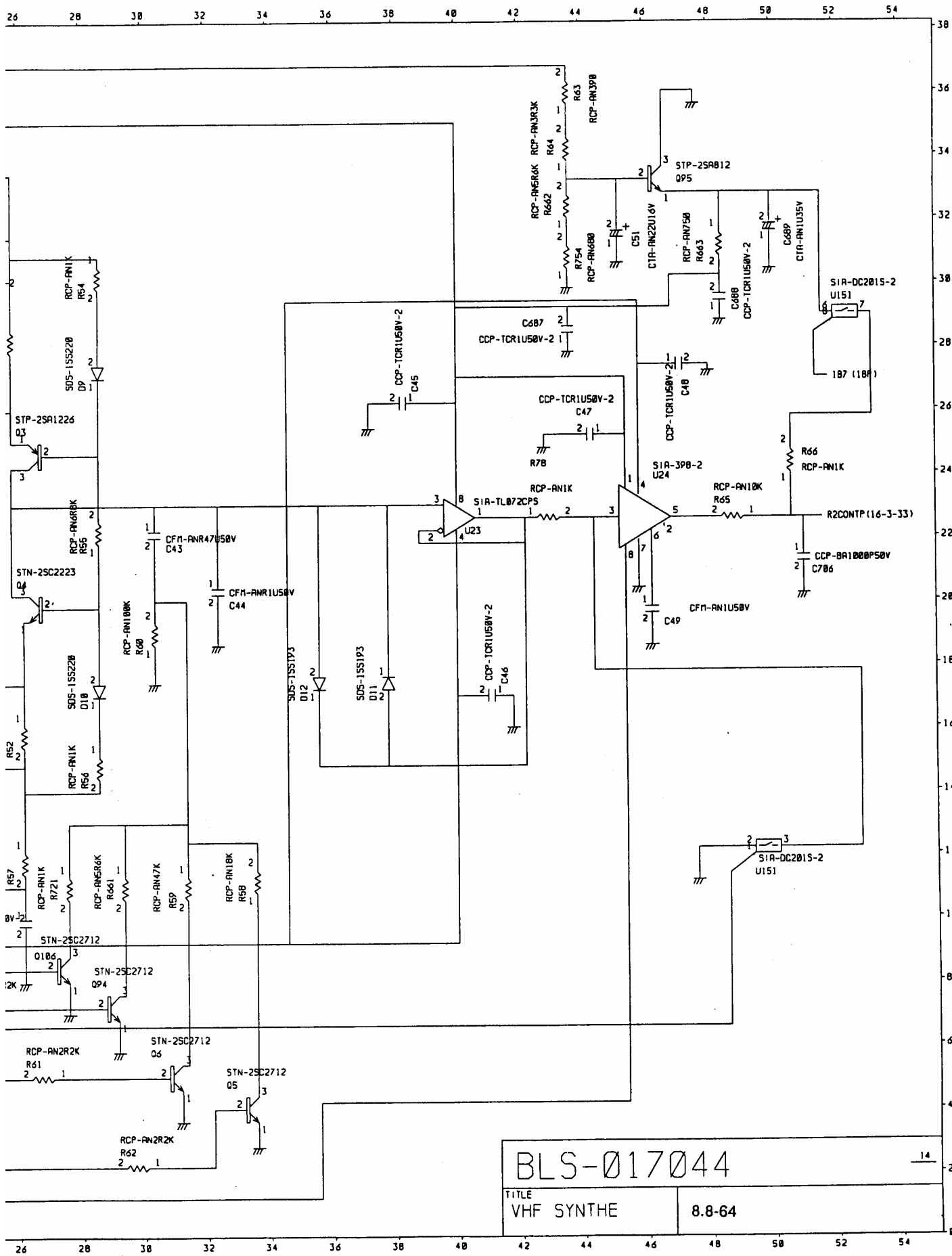
BLS-017044

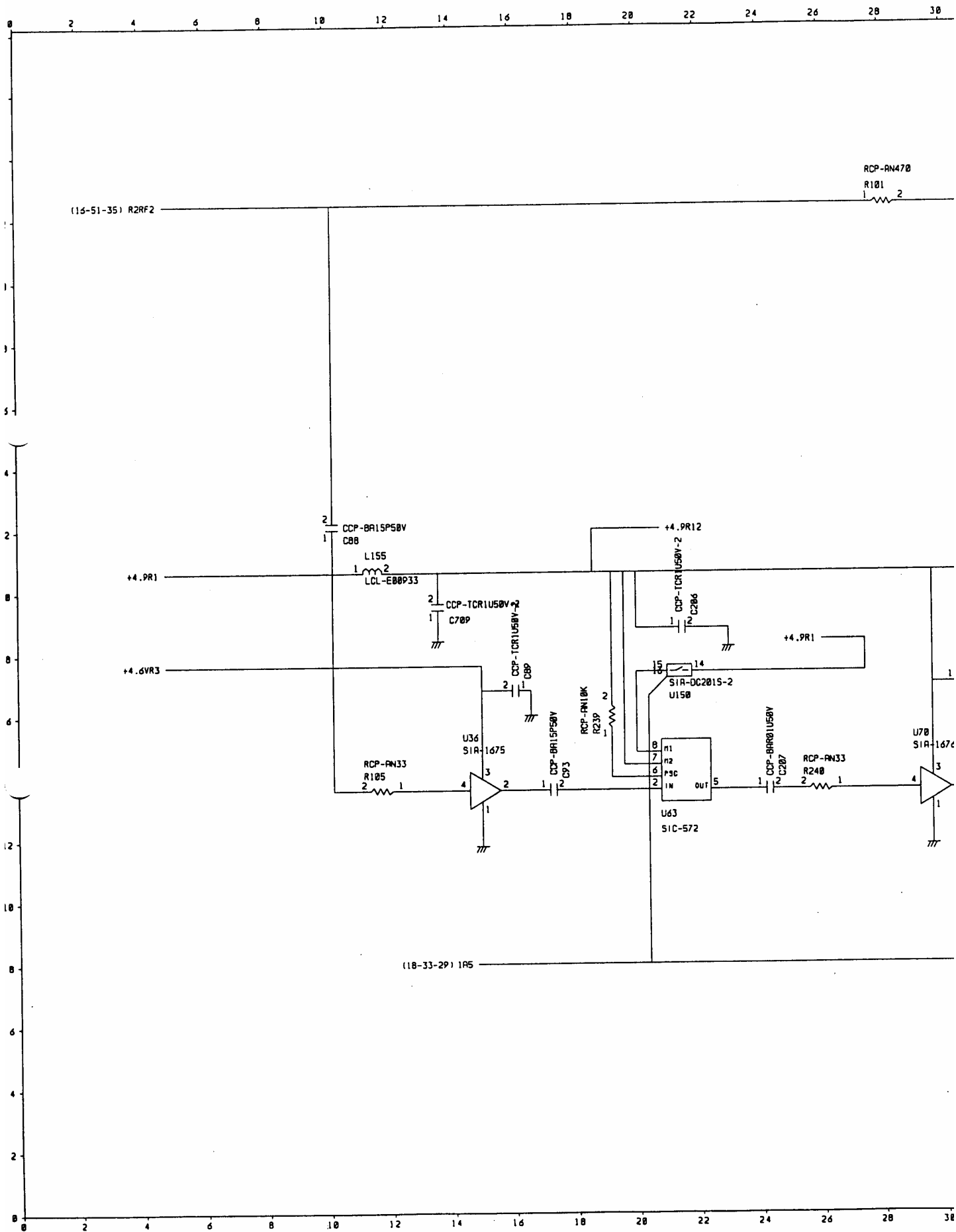
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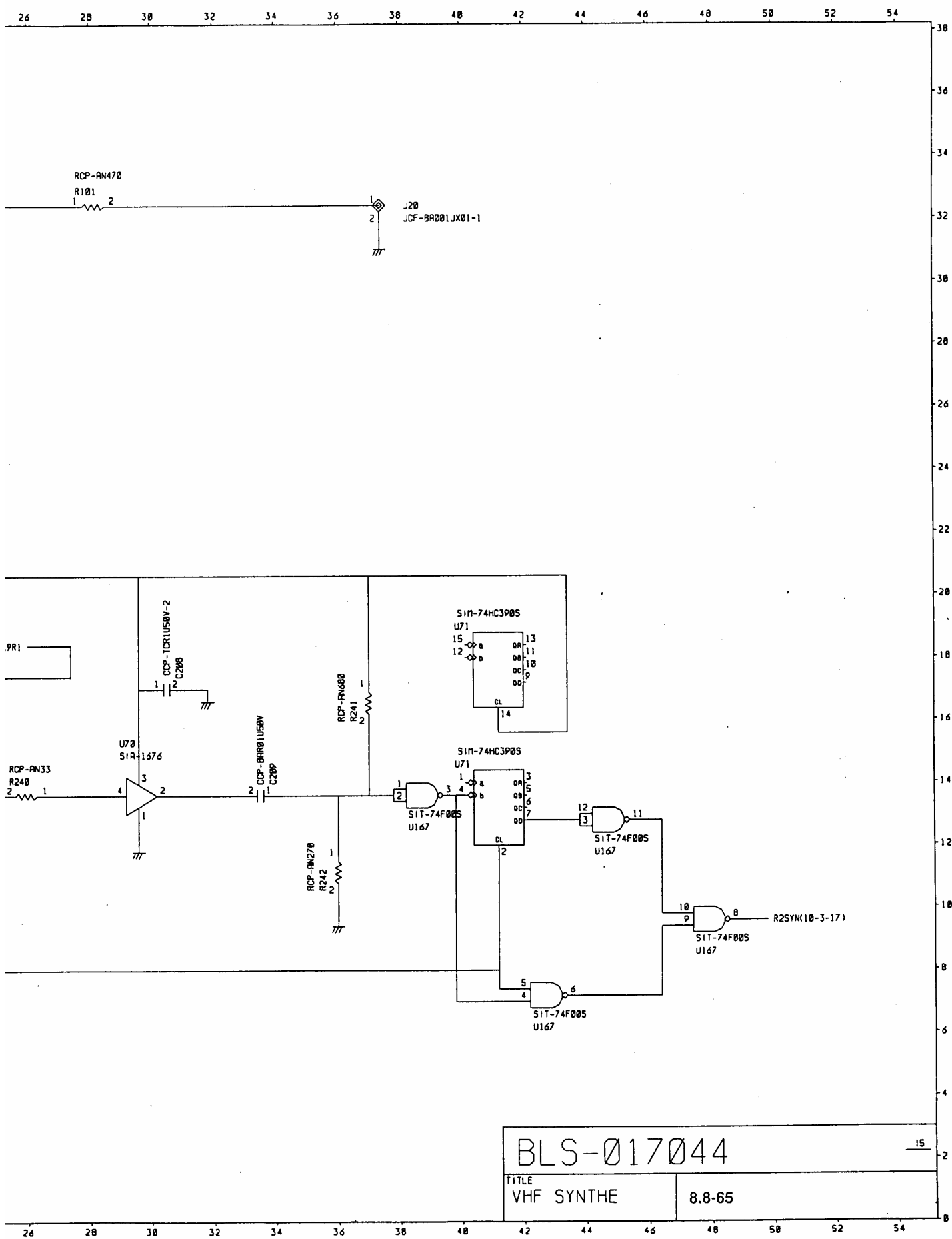
TITLE
VHF SYNTH

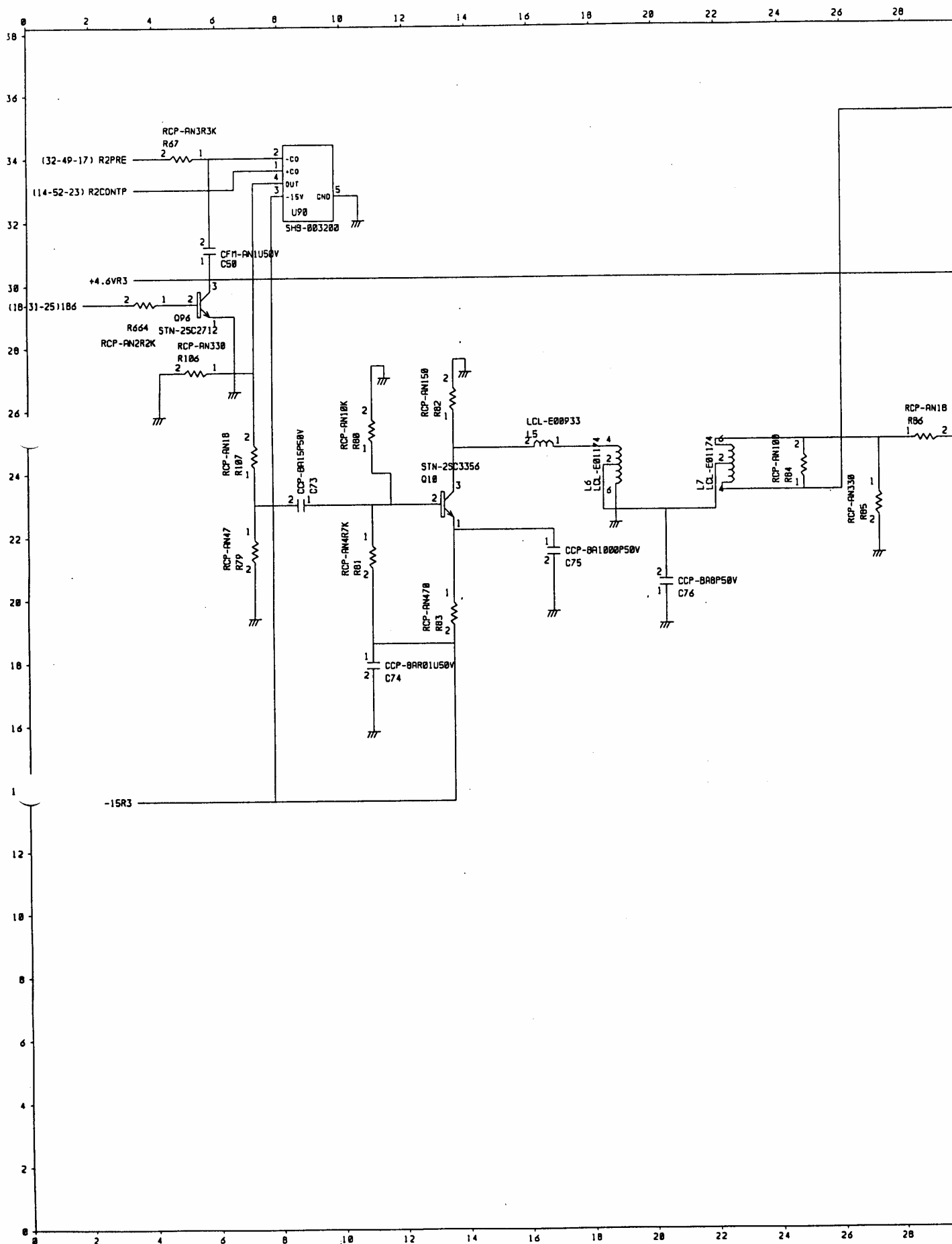
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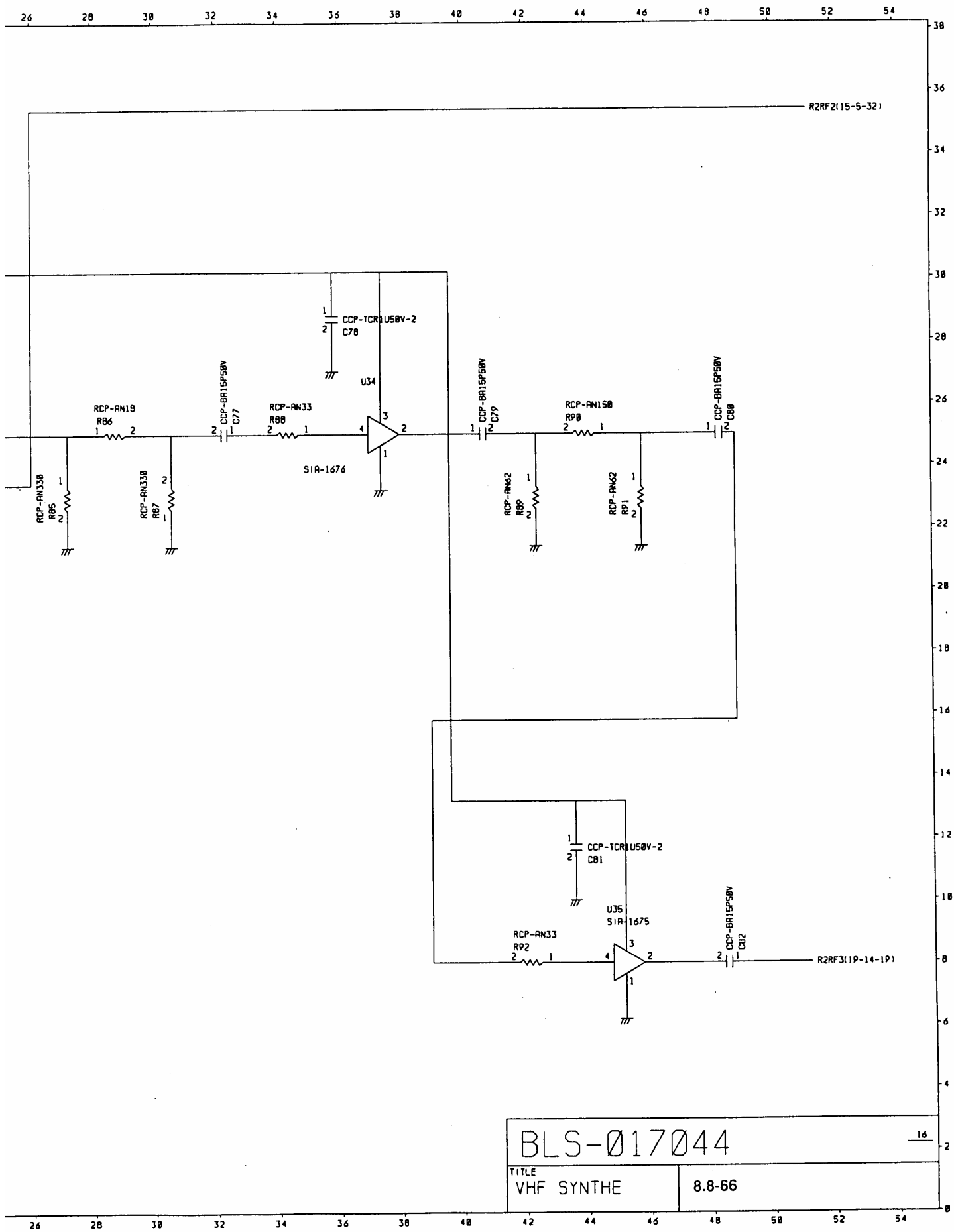


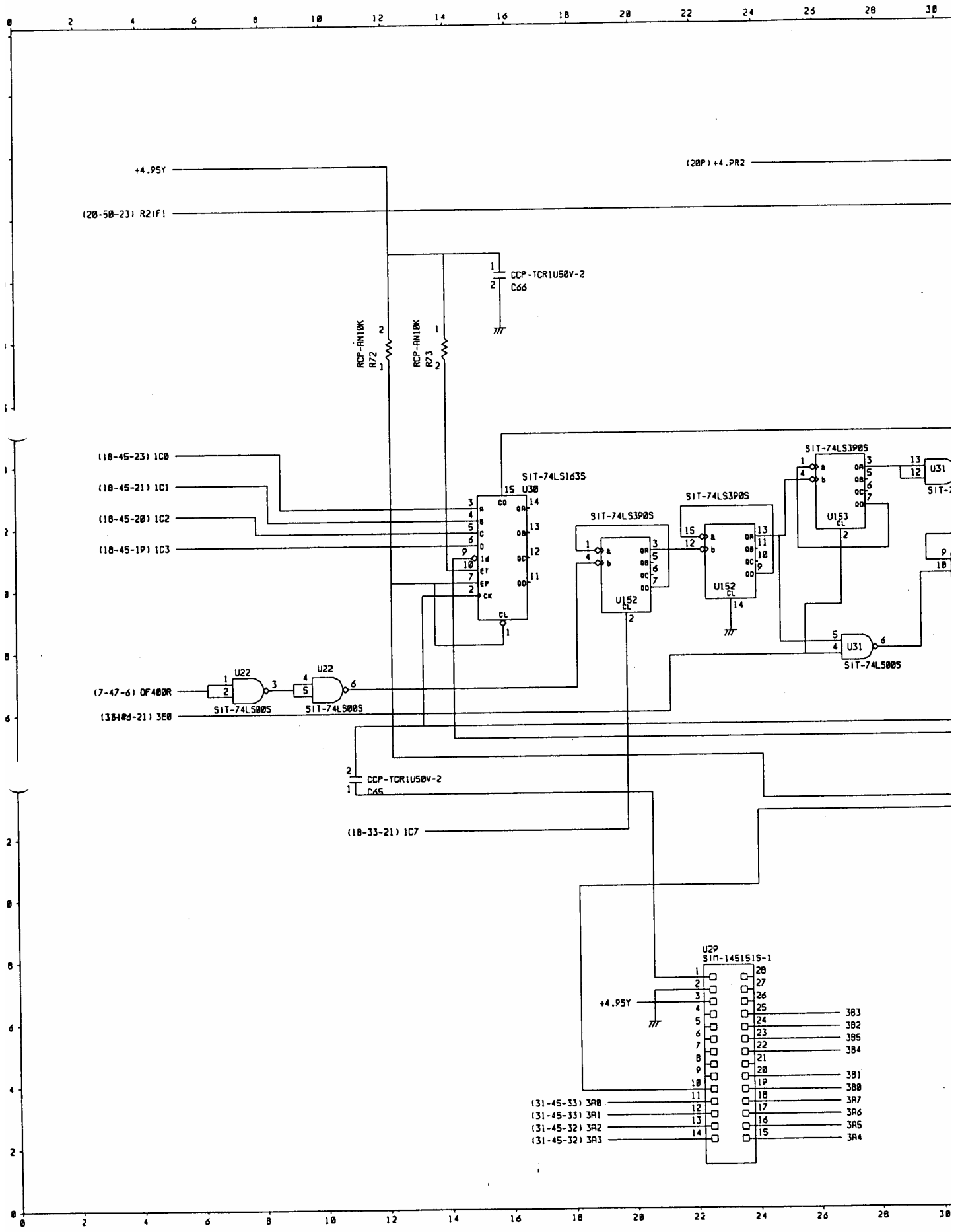


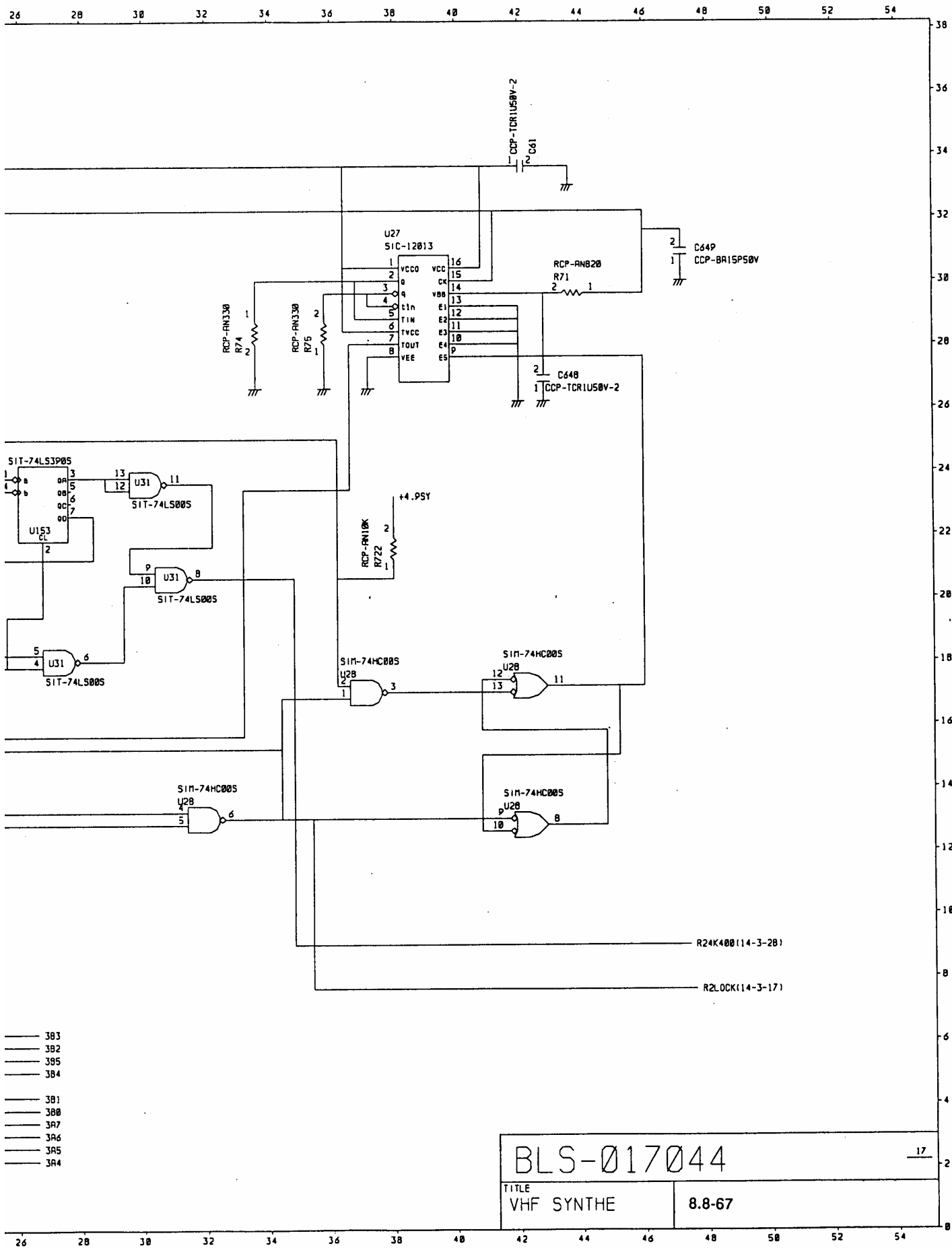




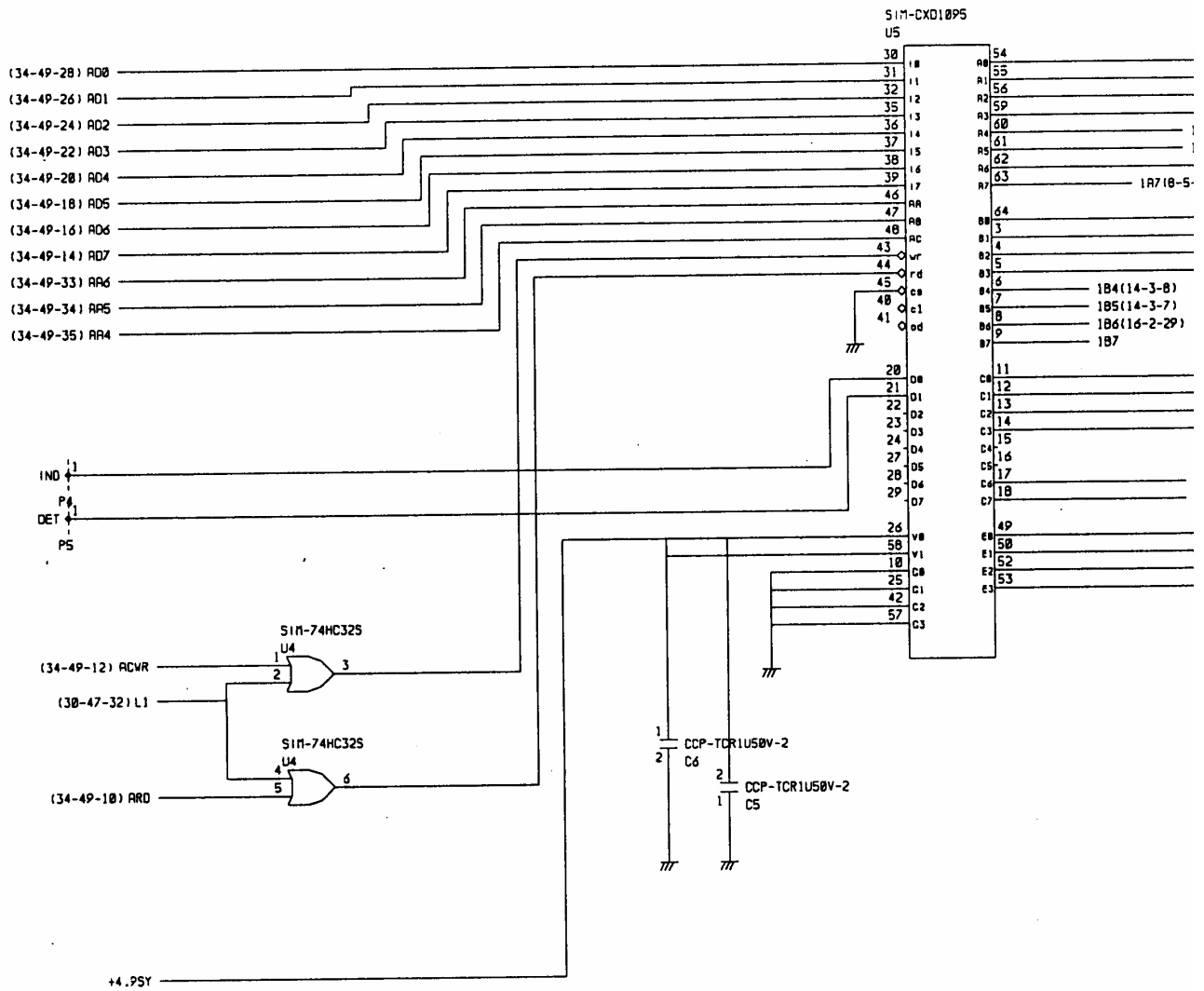




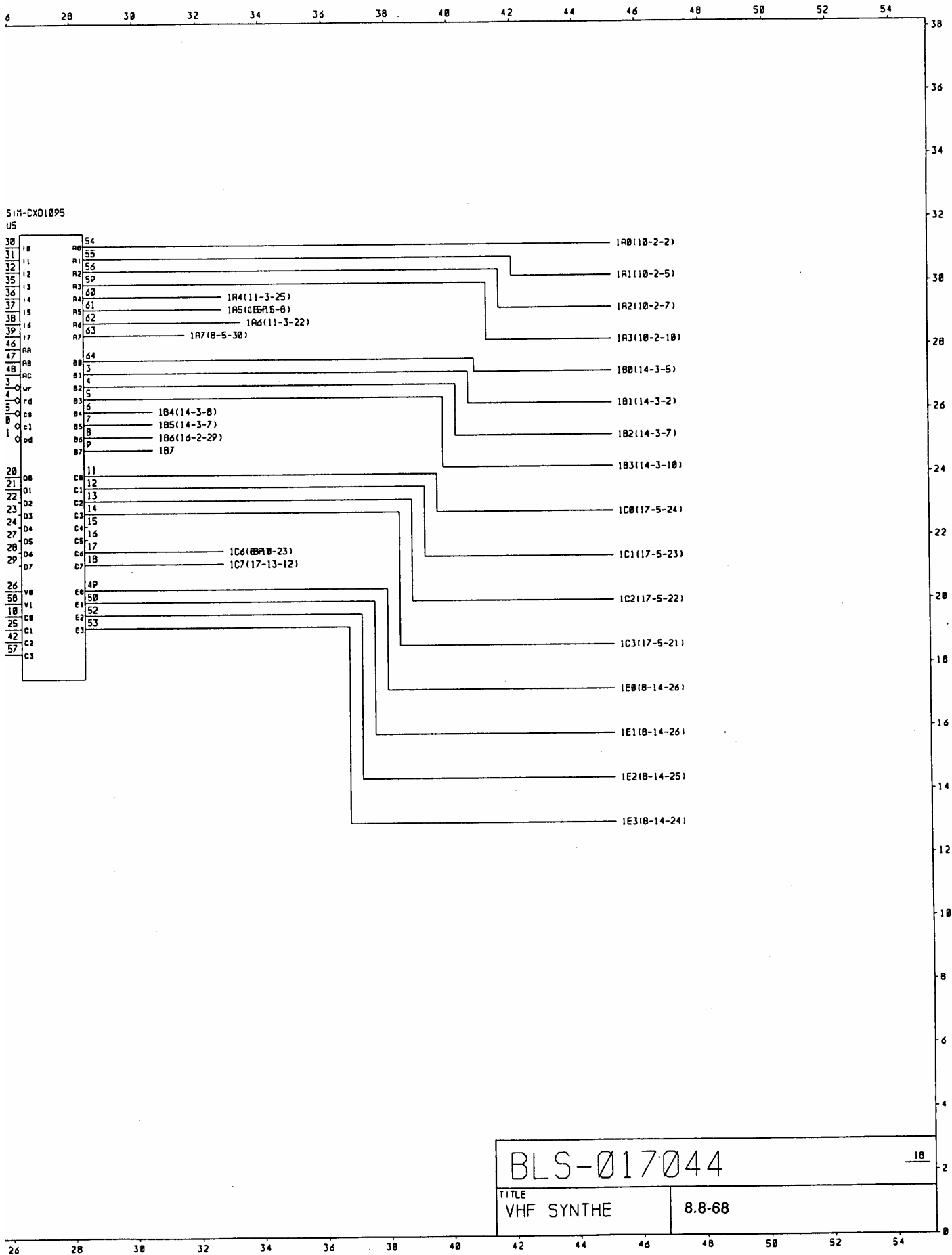




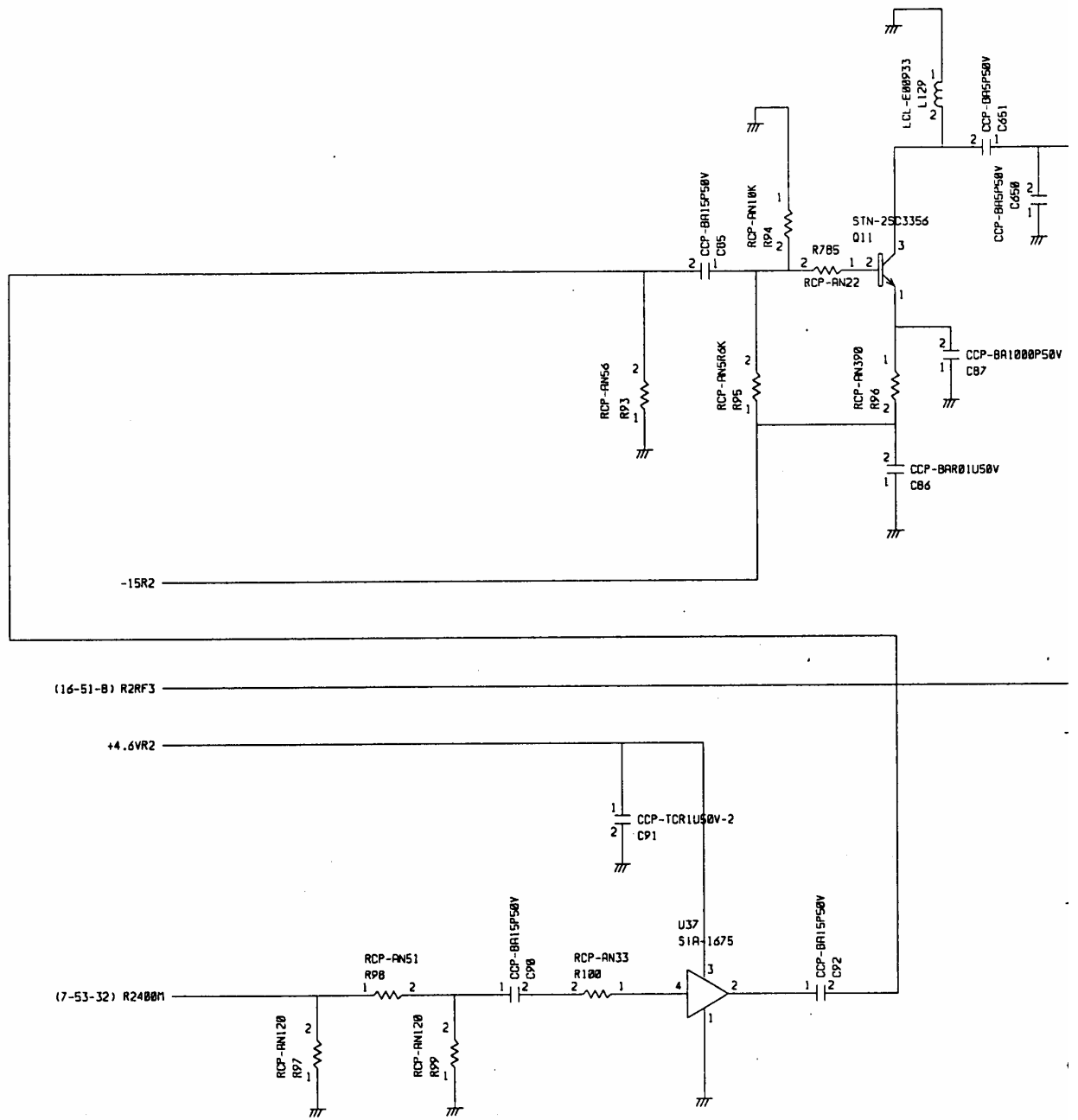
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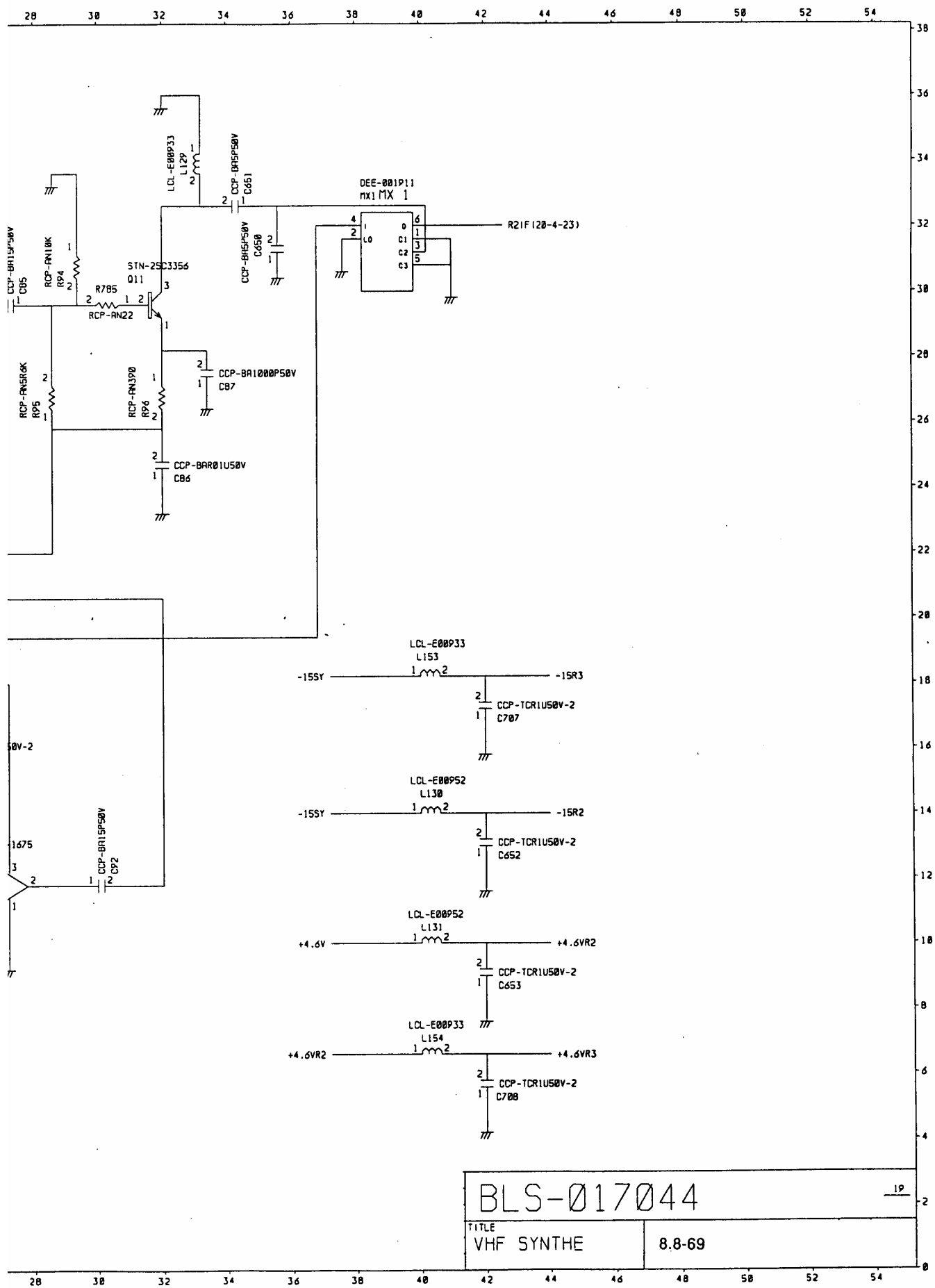


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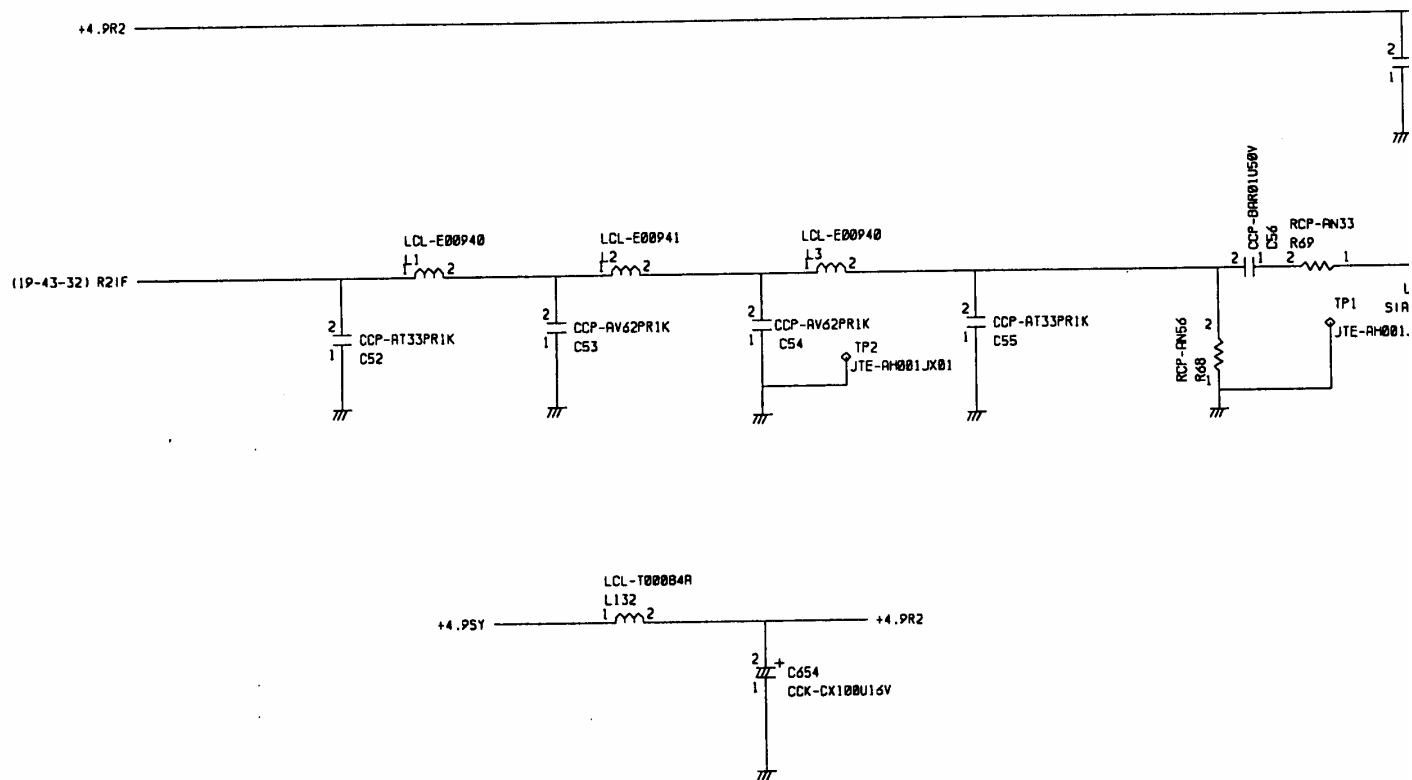


BLS-017044		18
TITLE		
VHF SYNTH	8.8-68	

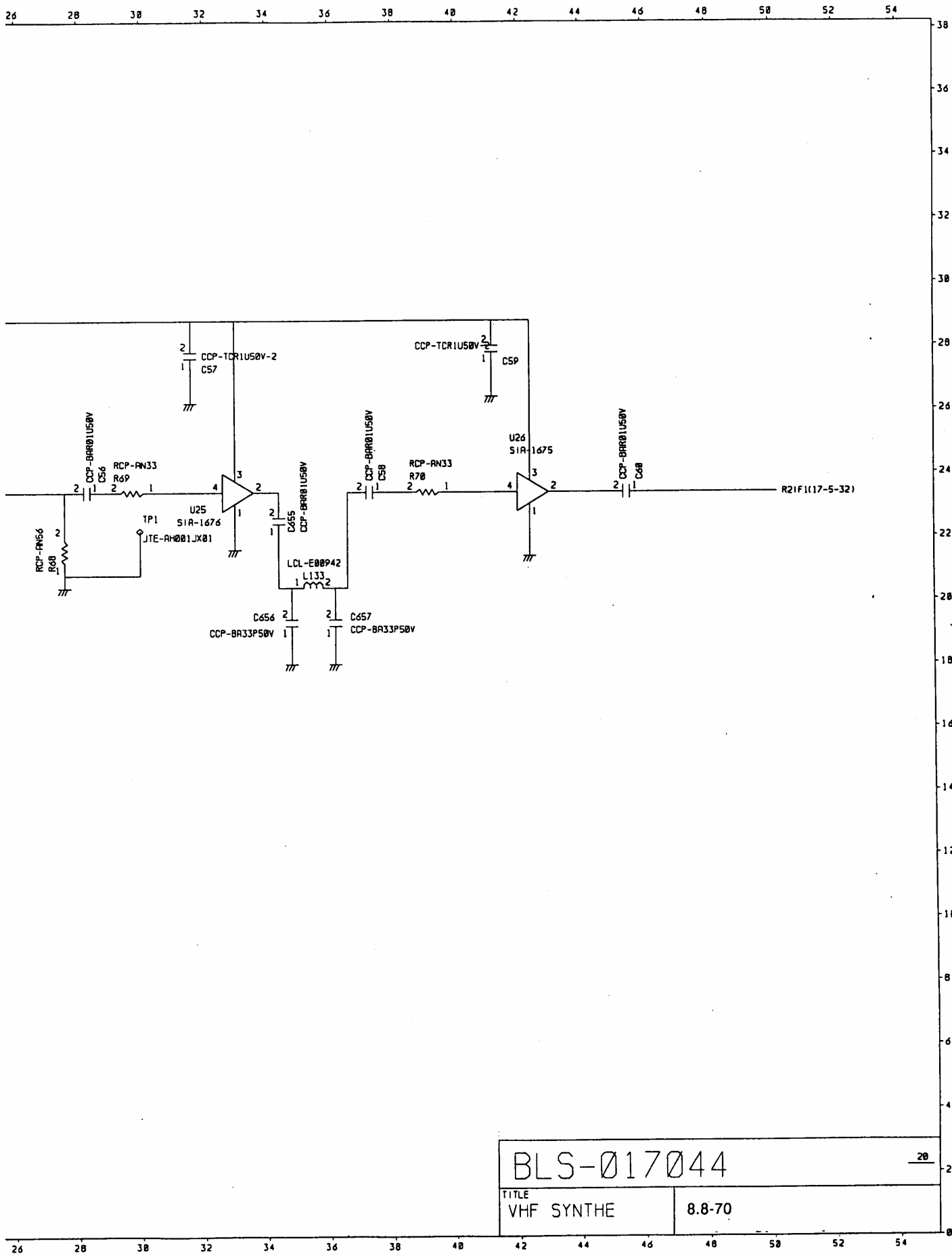




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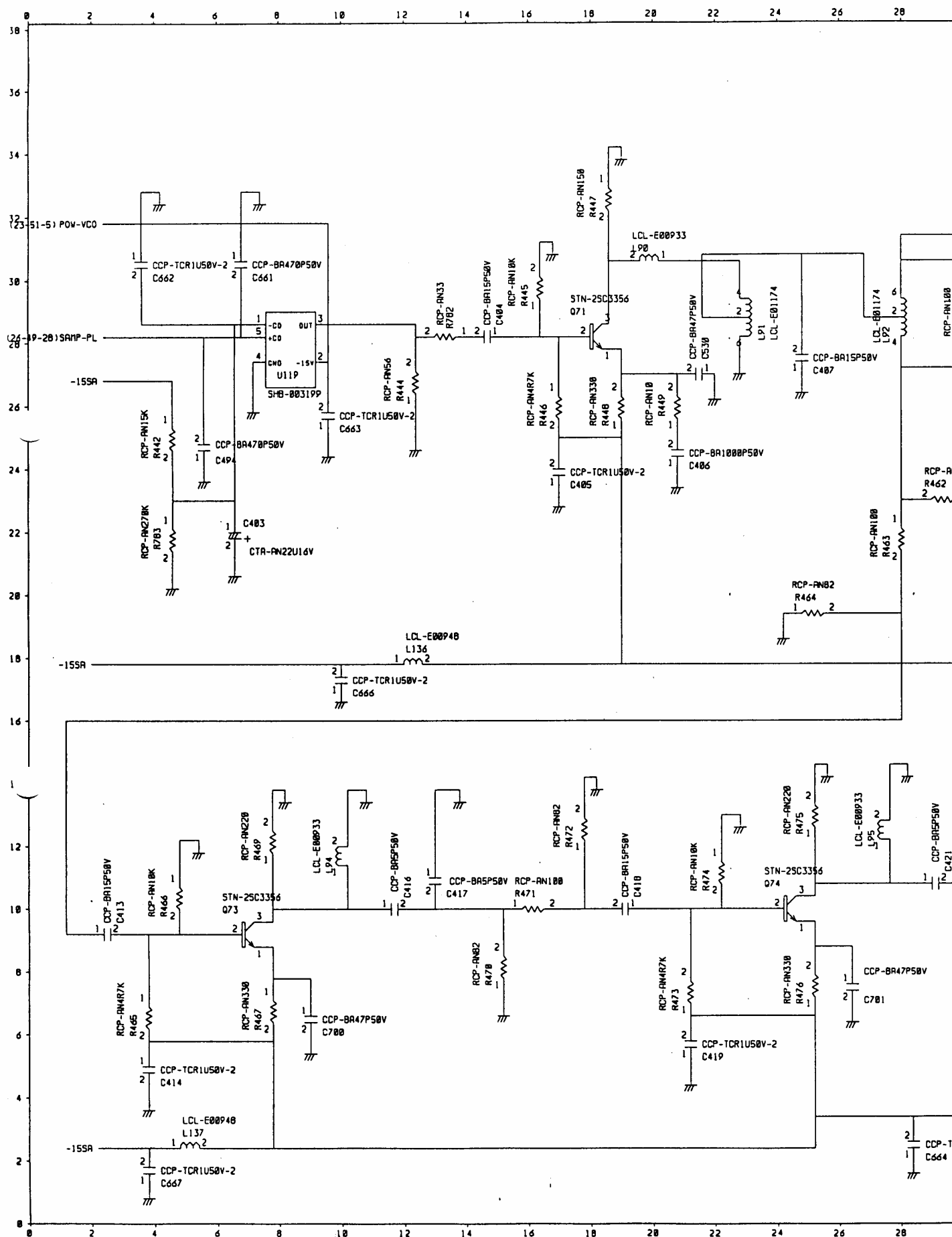
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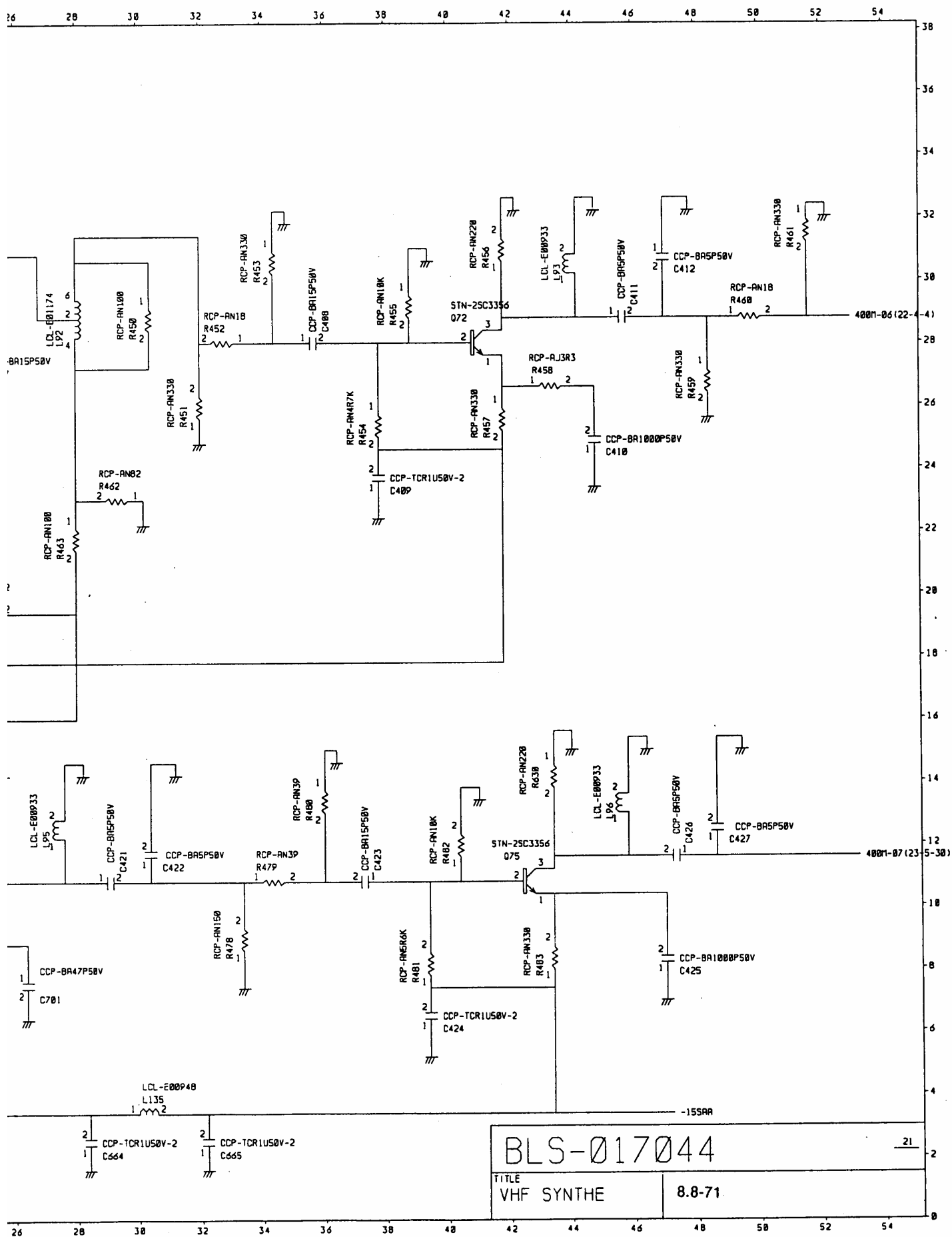


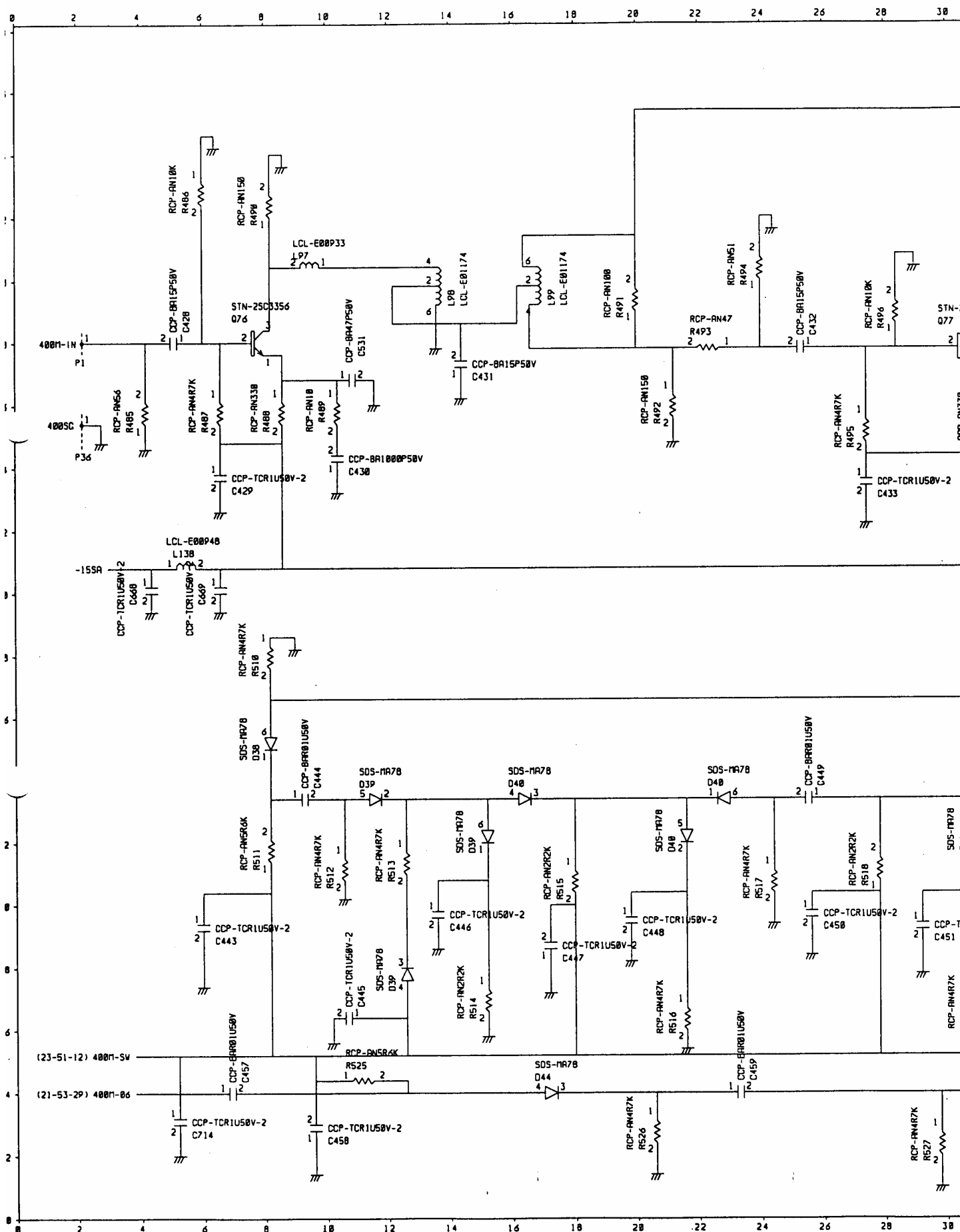
BLS-017044

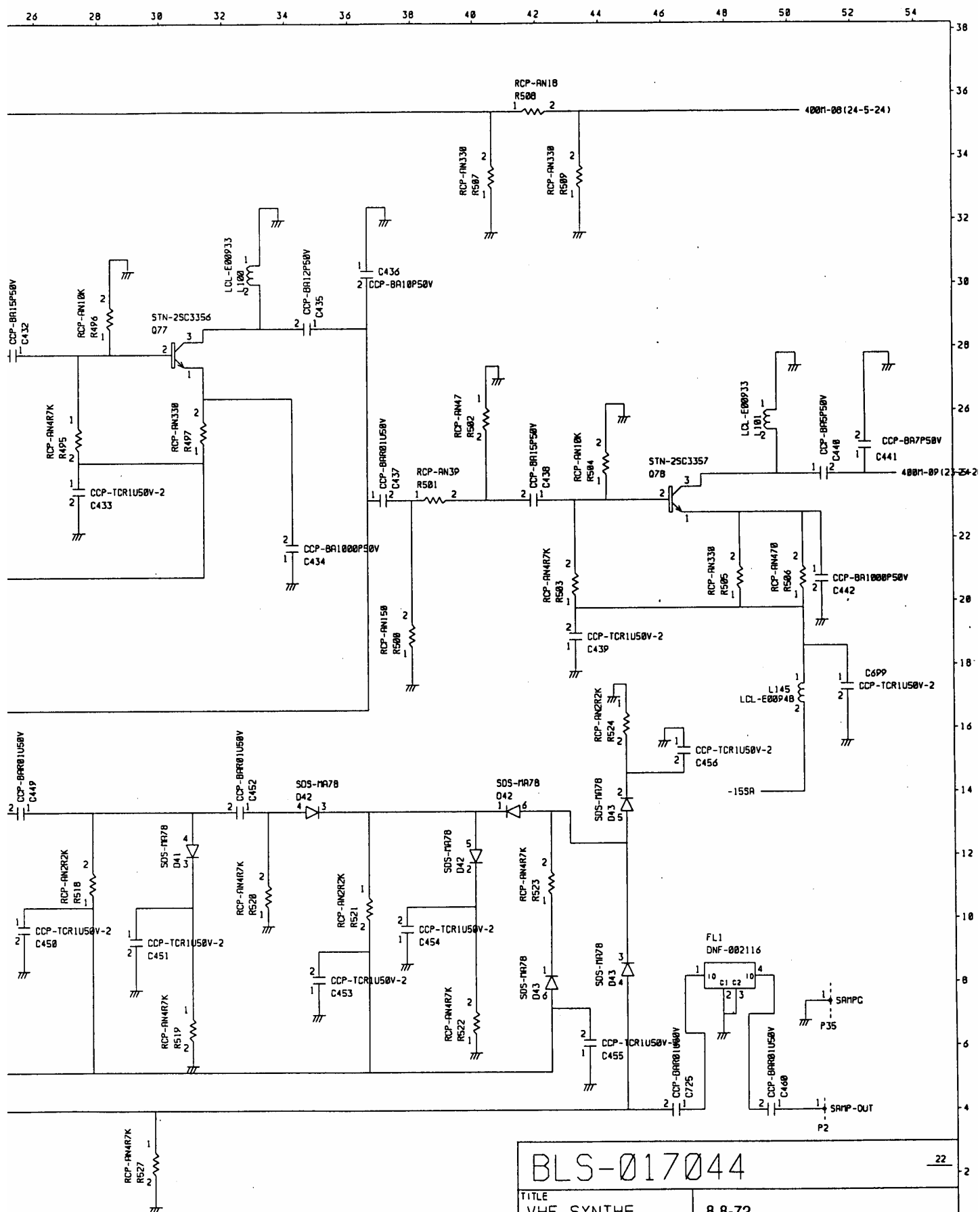
TITLE
VHF SYNTHE

8.8-70





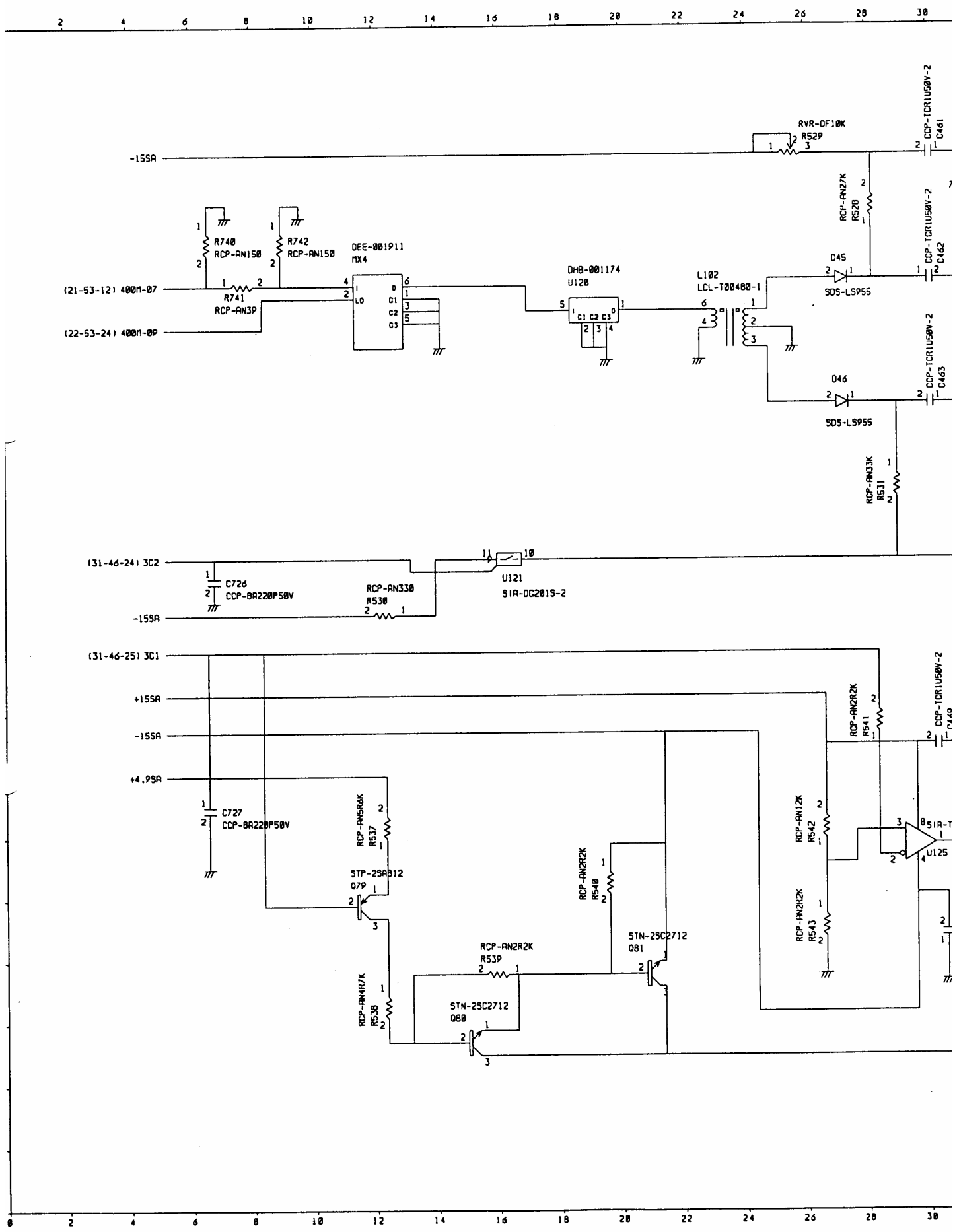


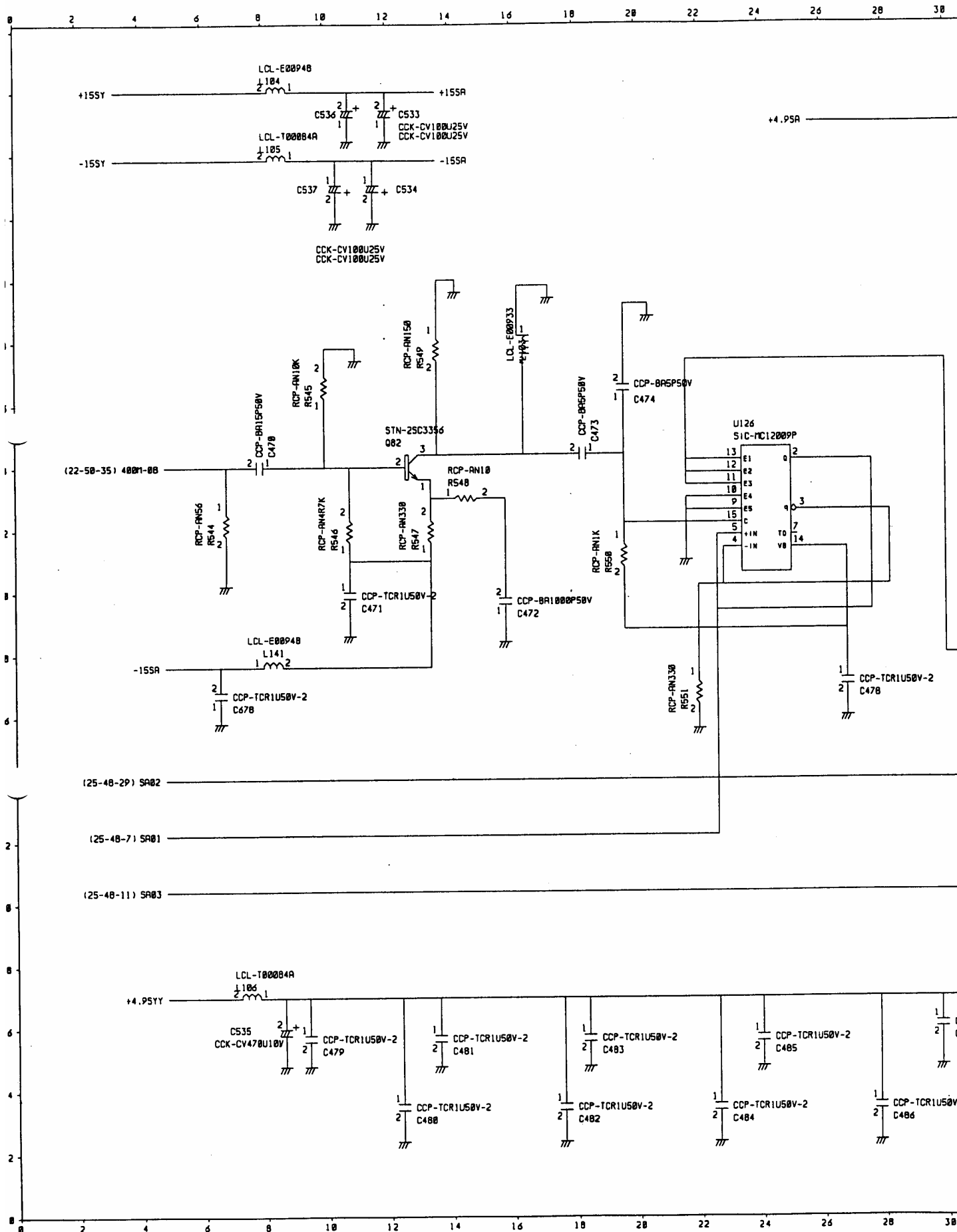


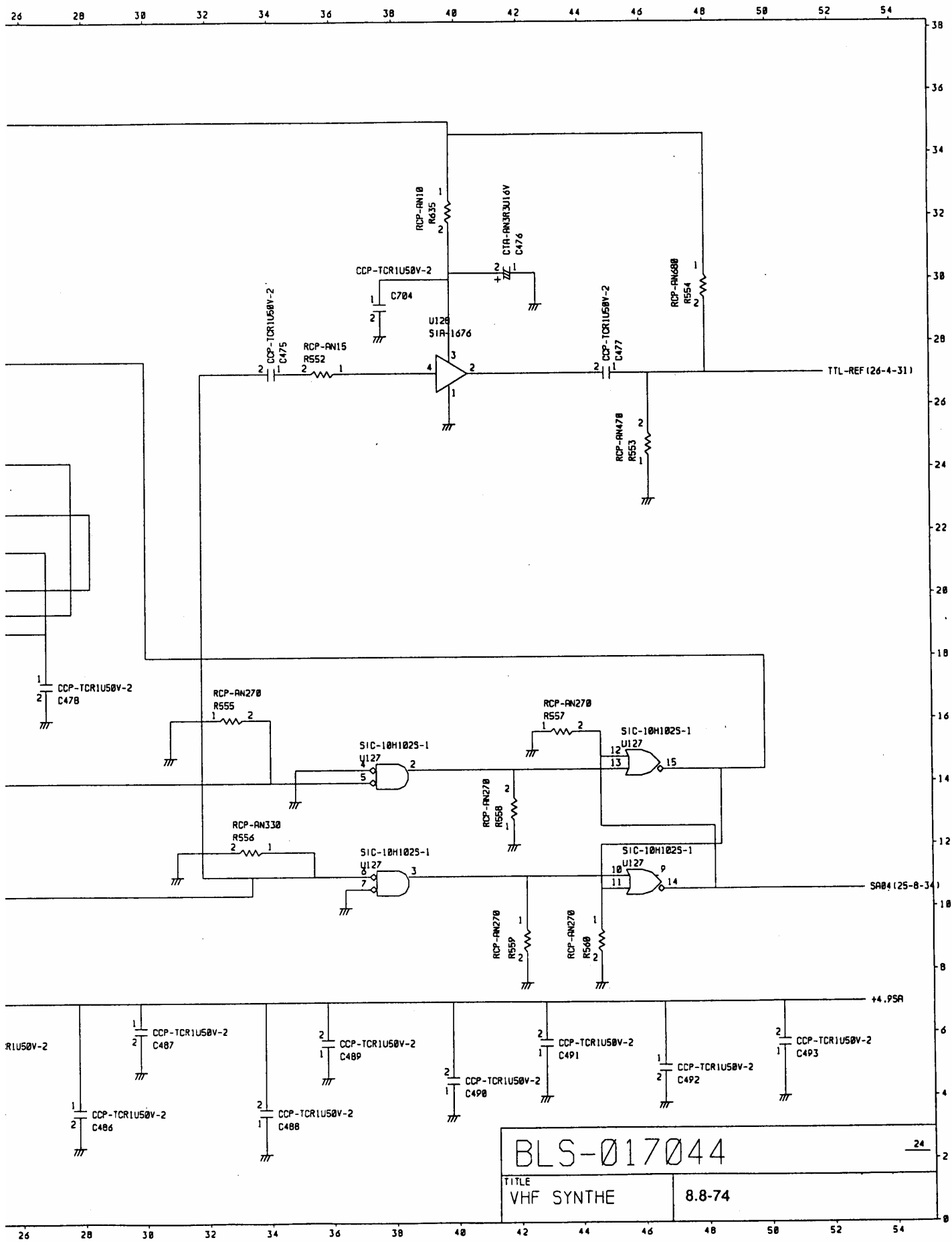
BLS-017044

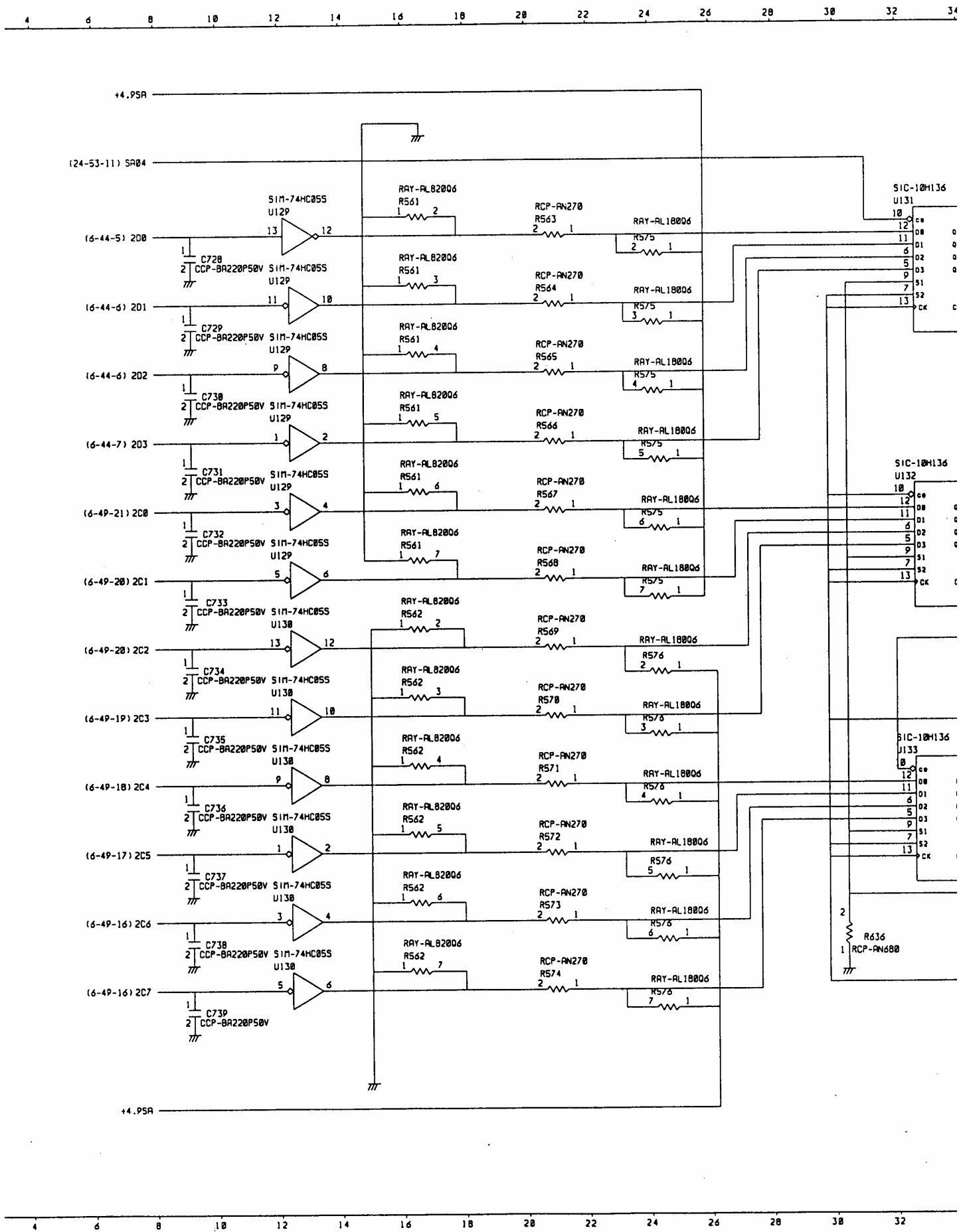
TITLE
VHF SYNTHE

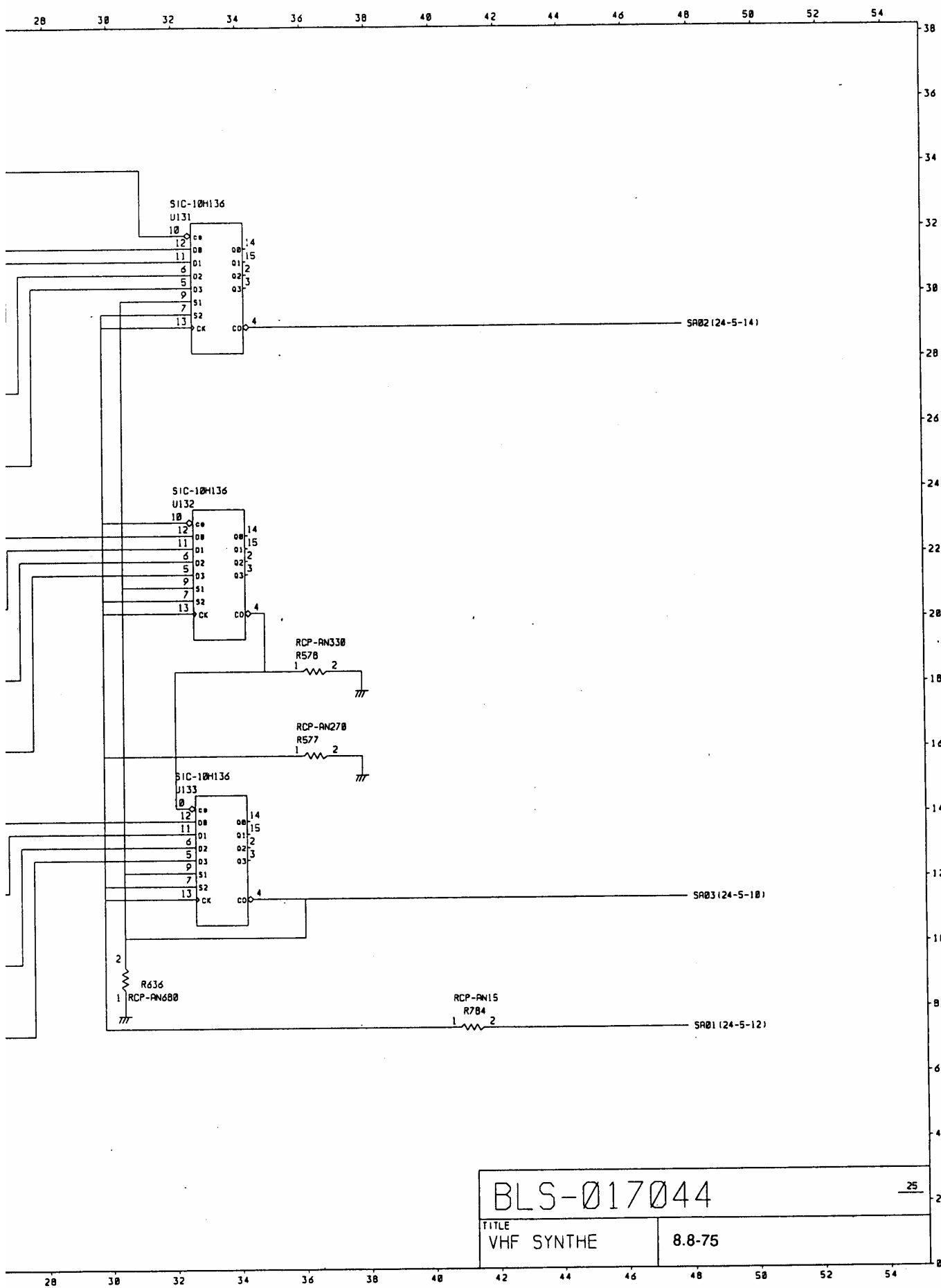
8.8-72

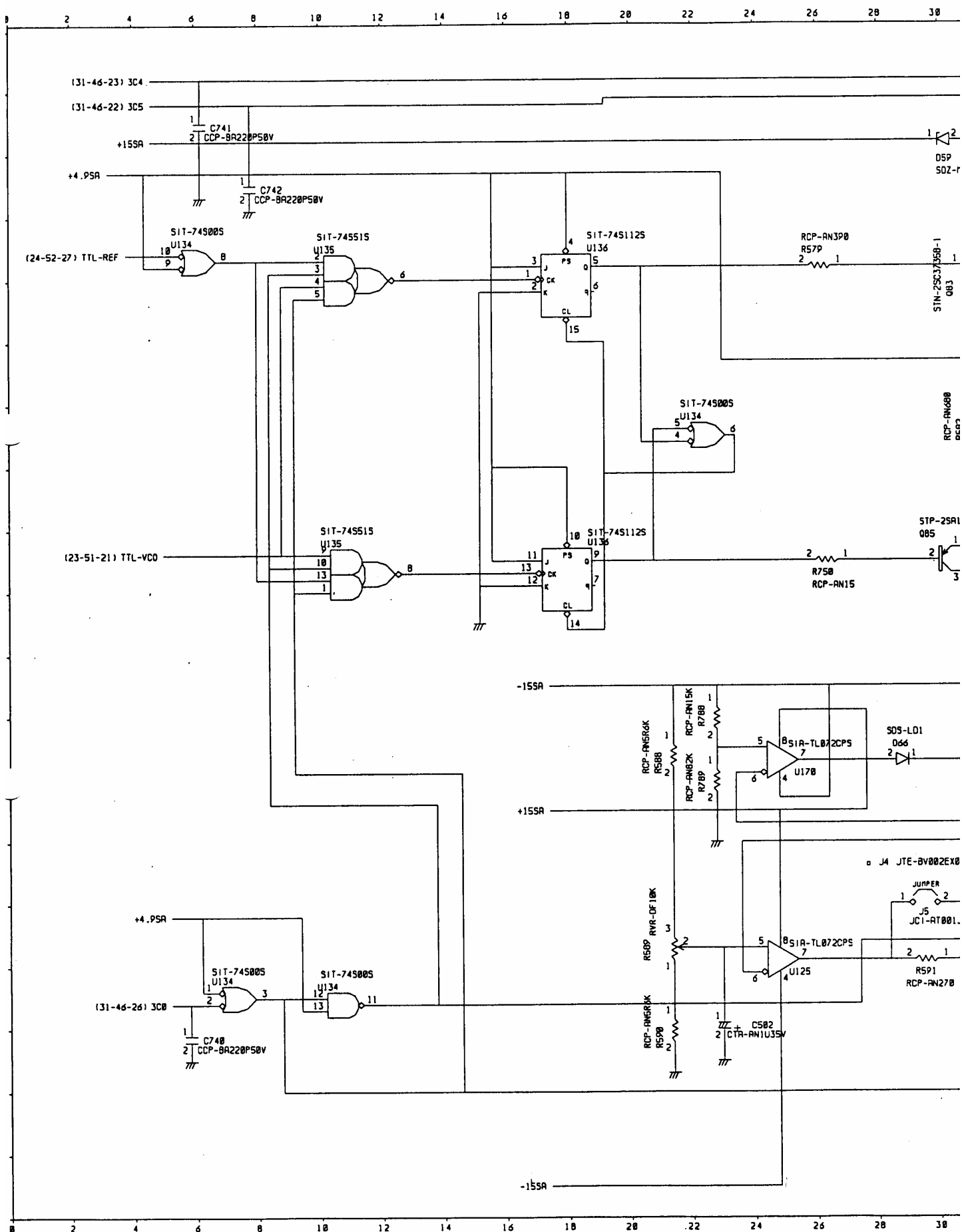




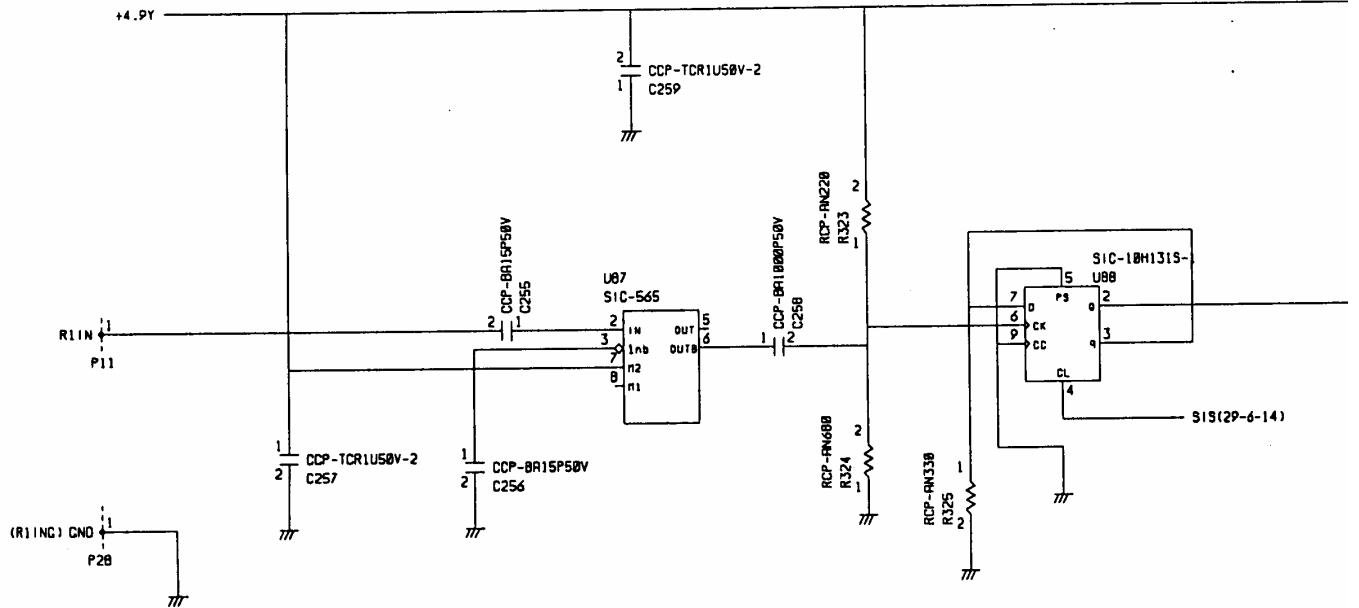




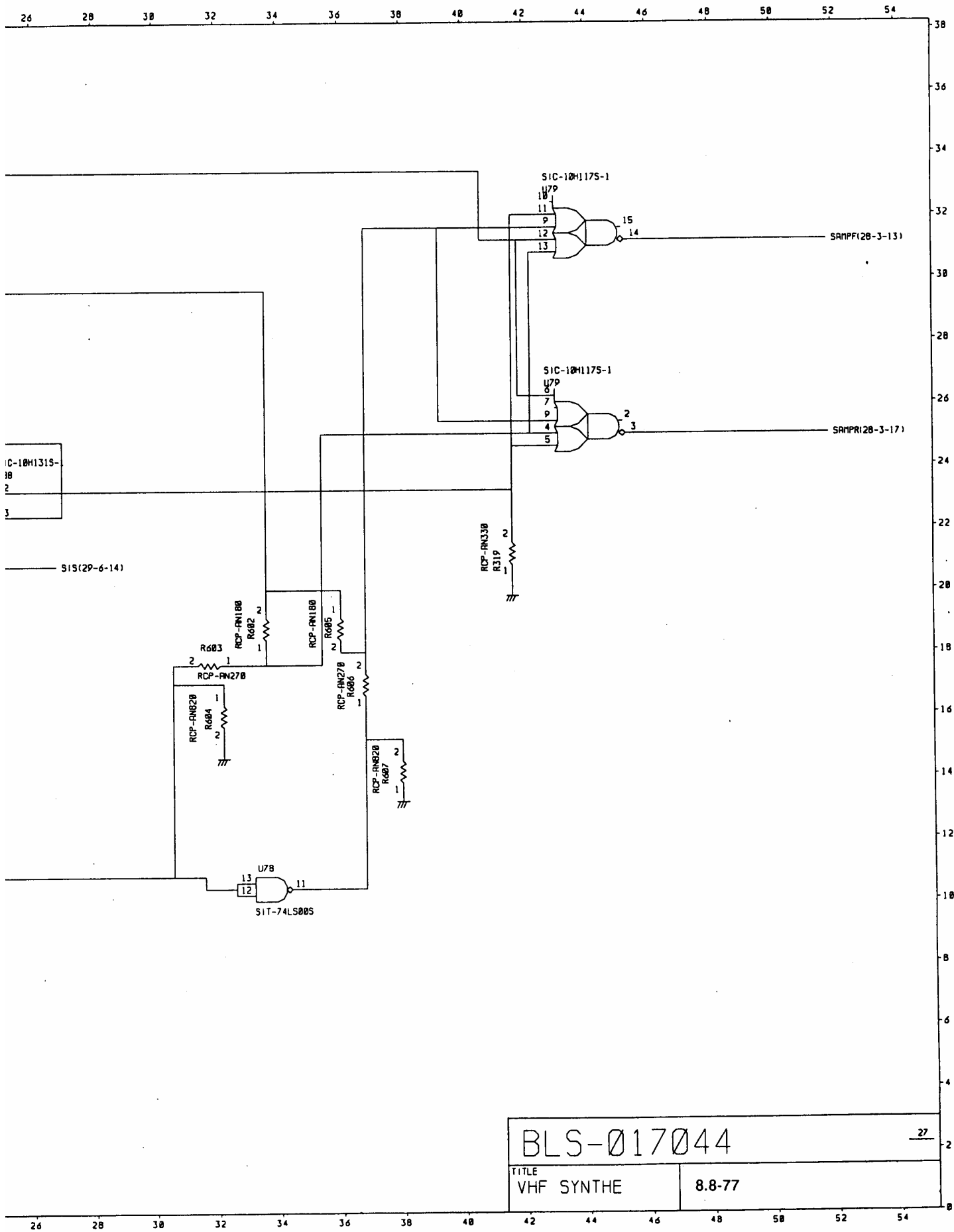


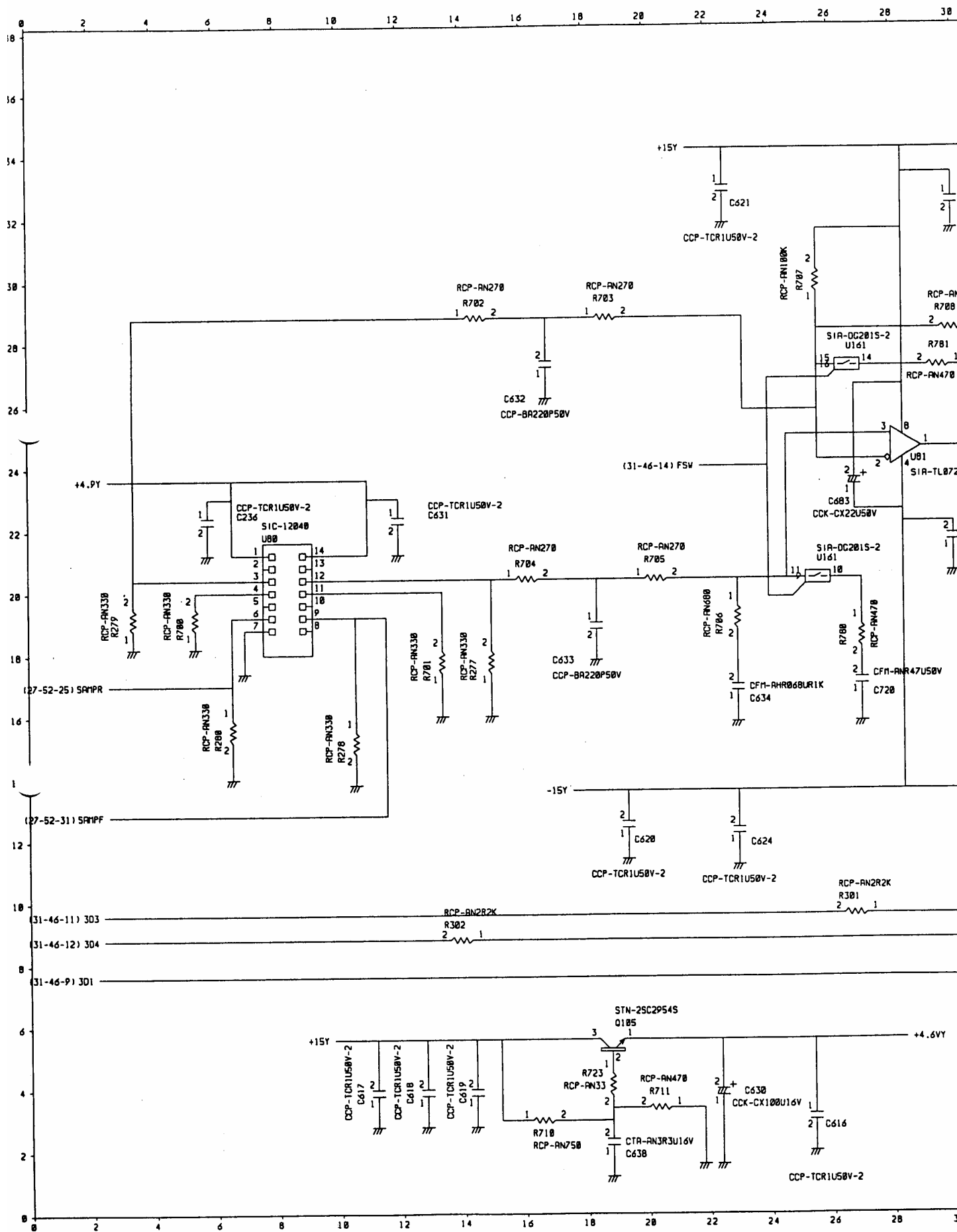


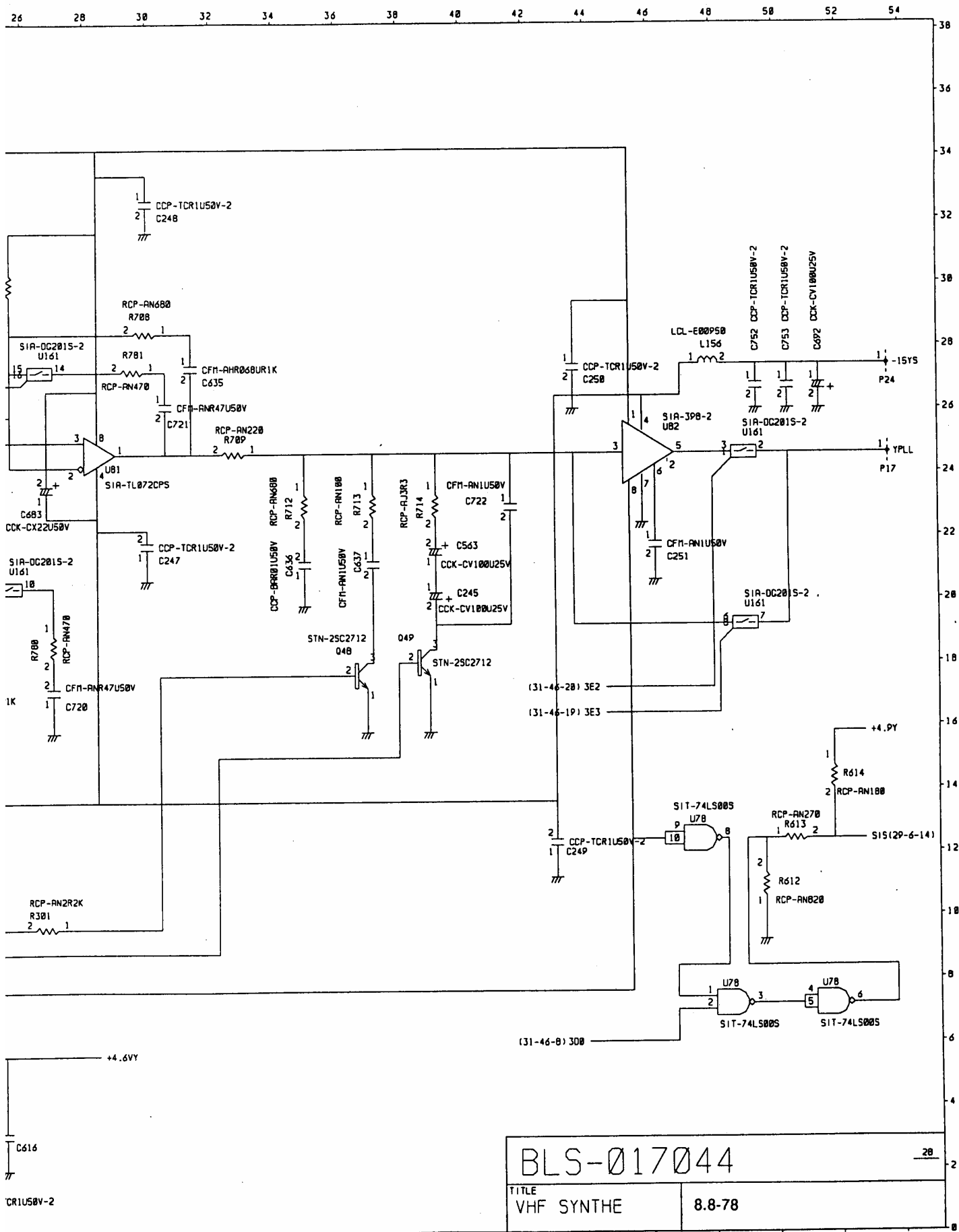
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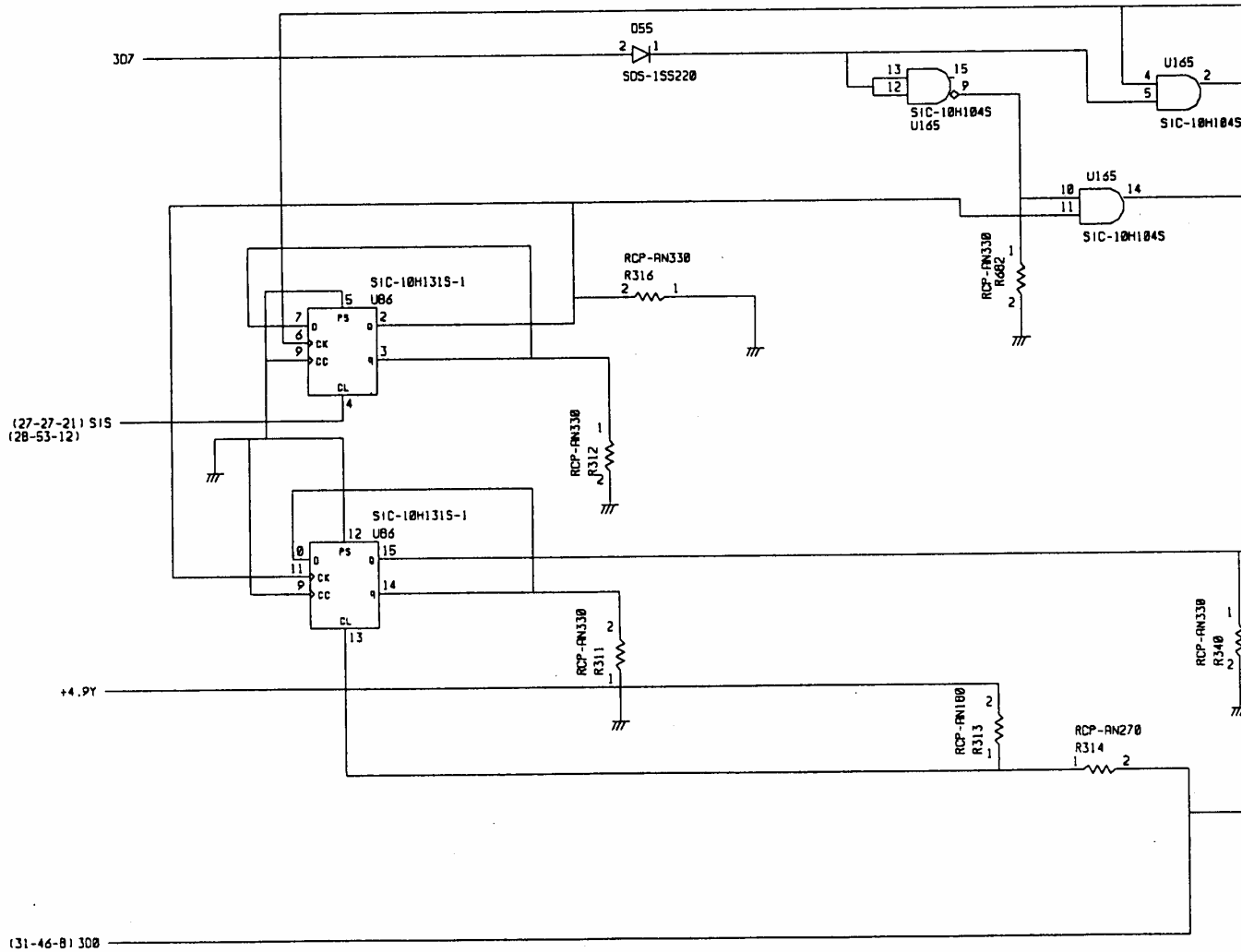
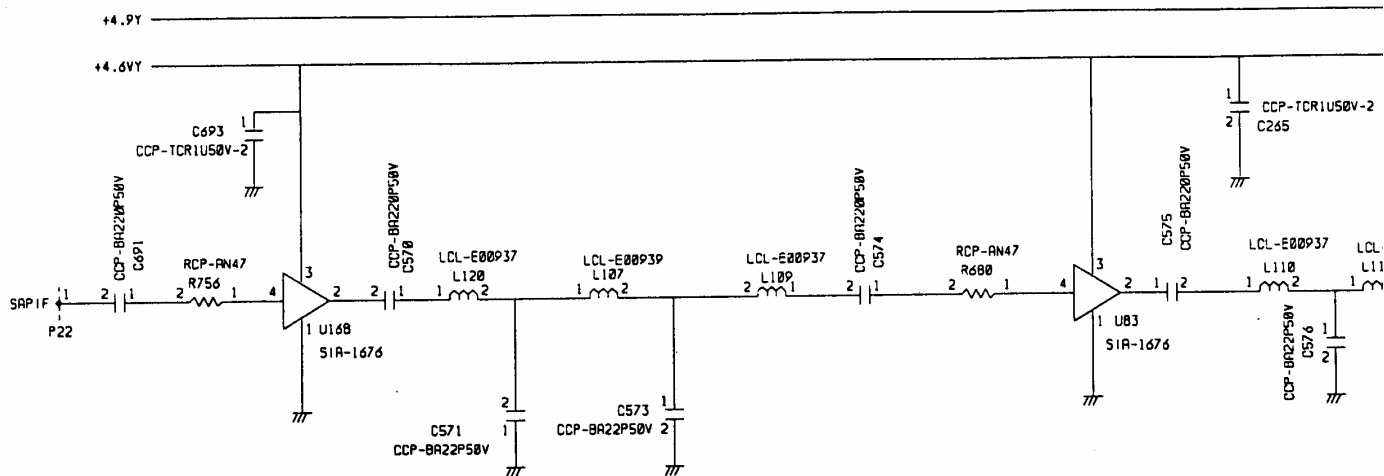


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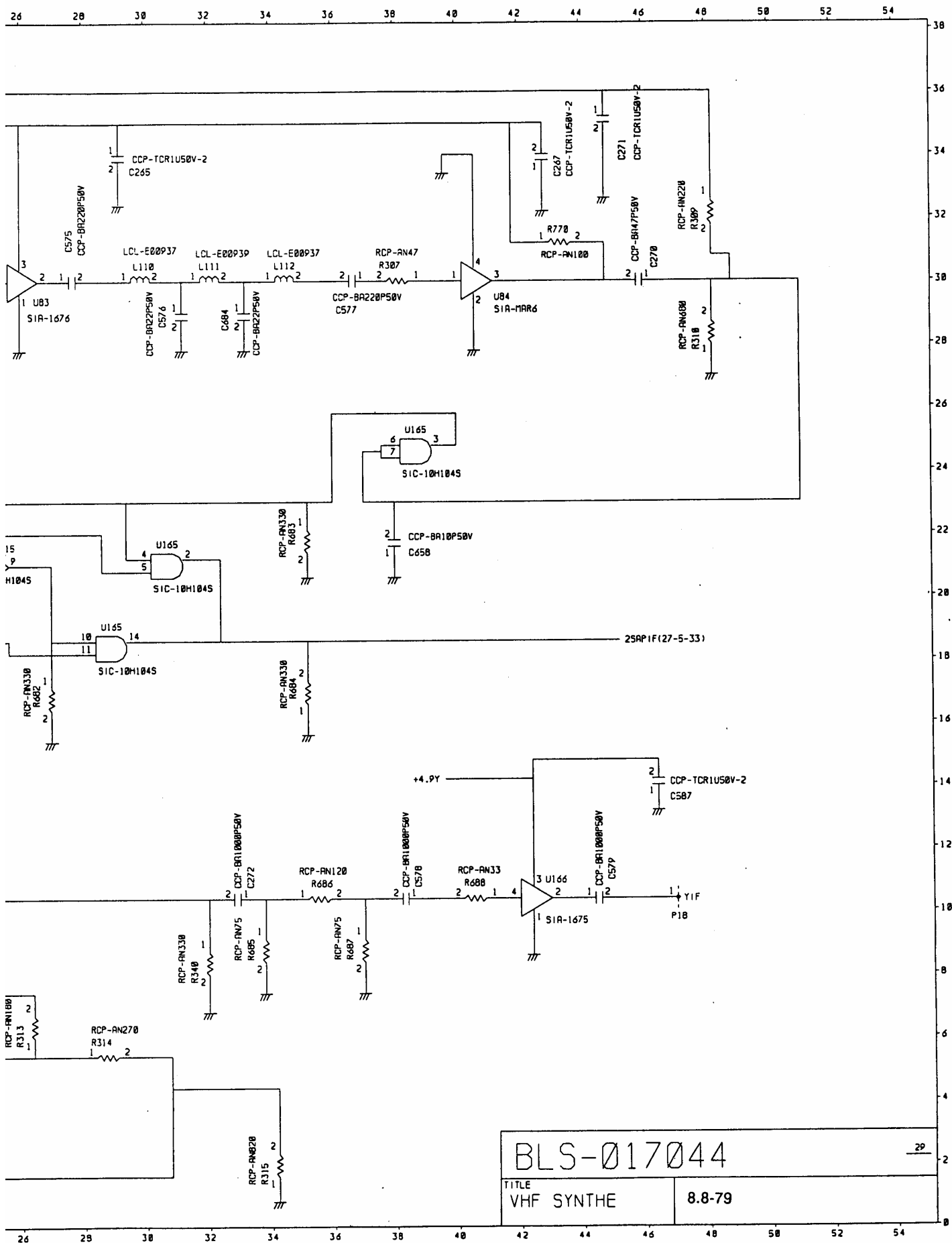
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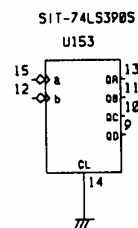
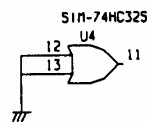
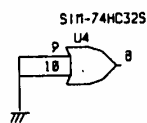
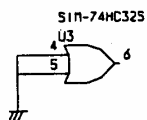
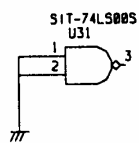
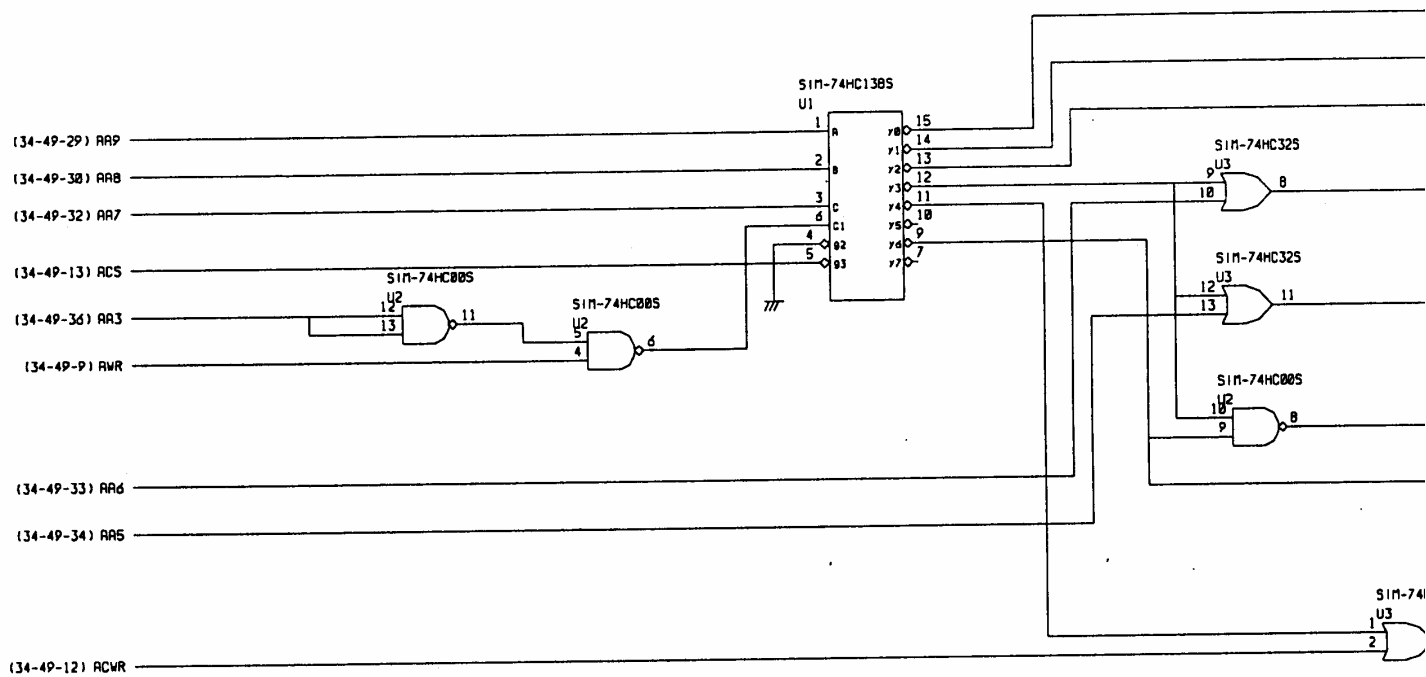
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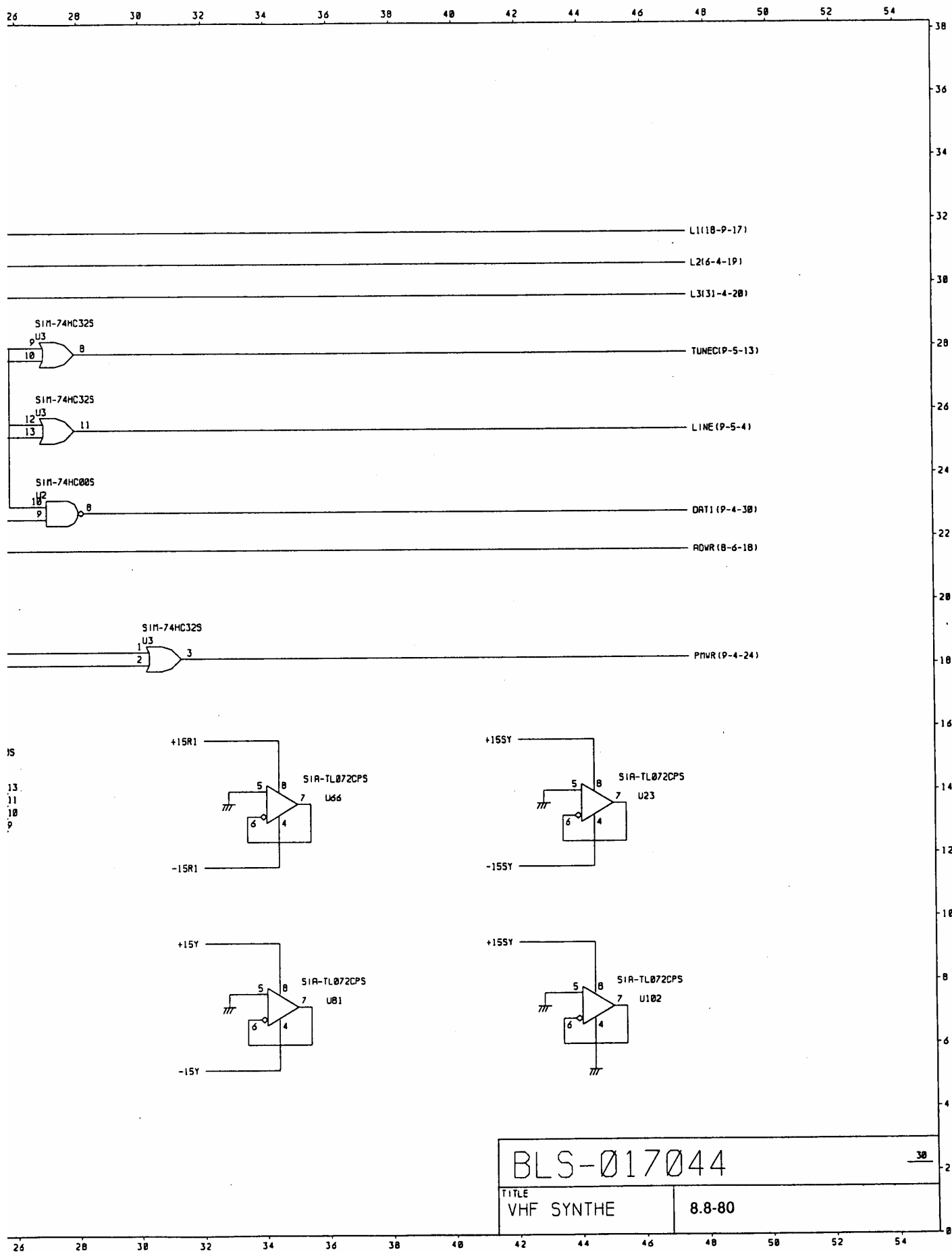
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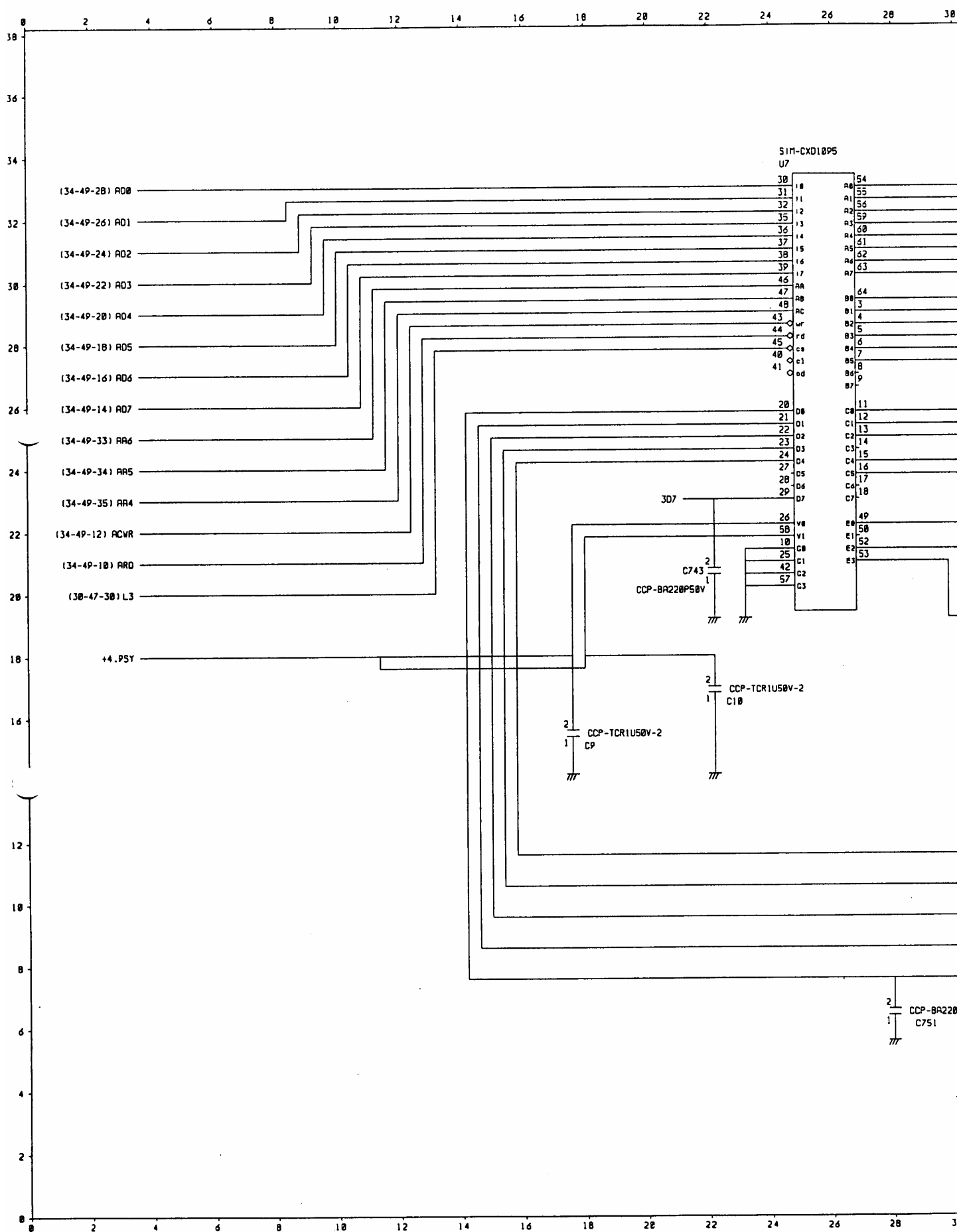


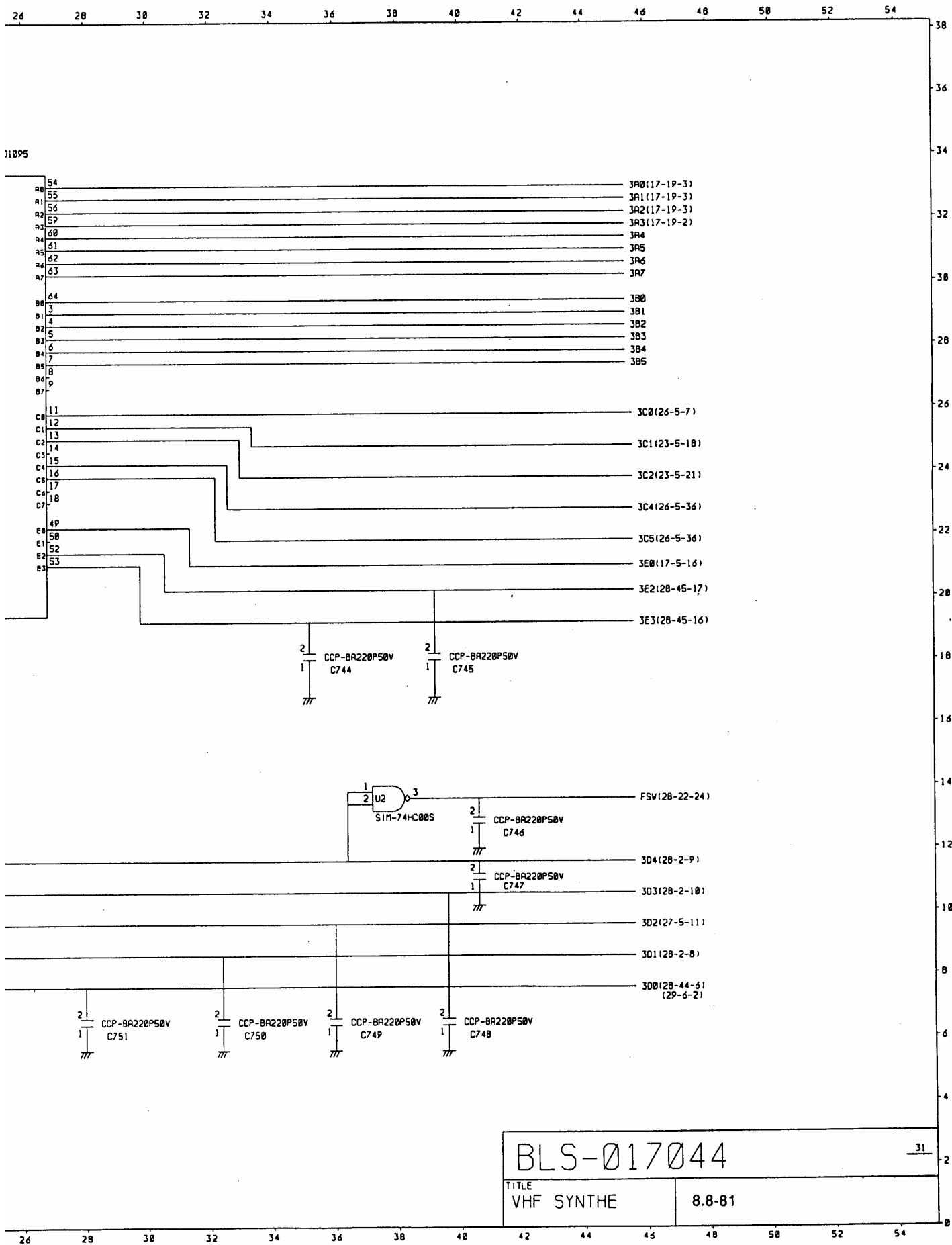
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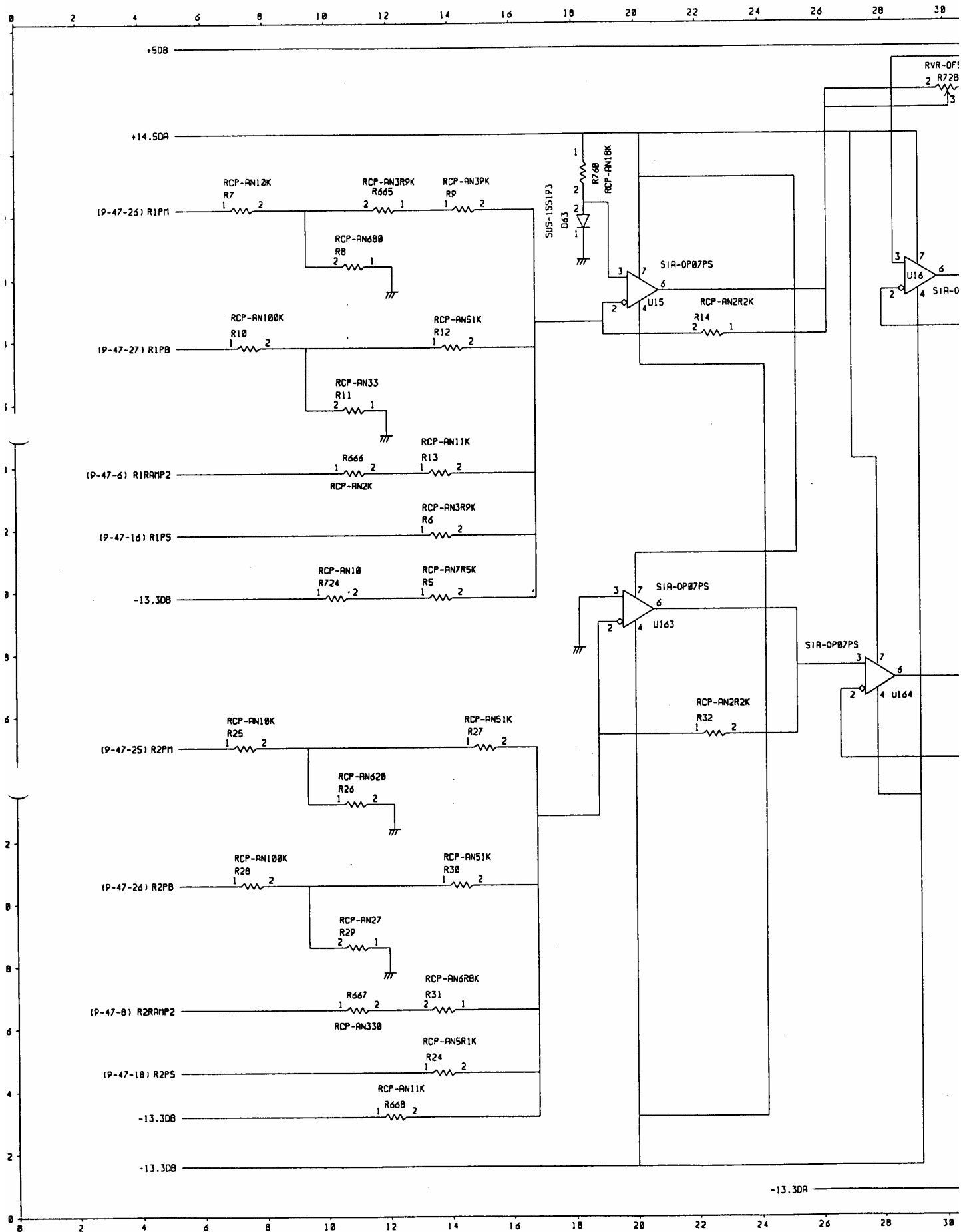


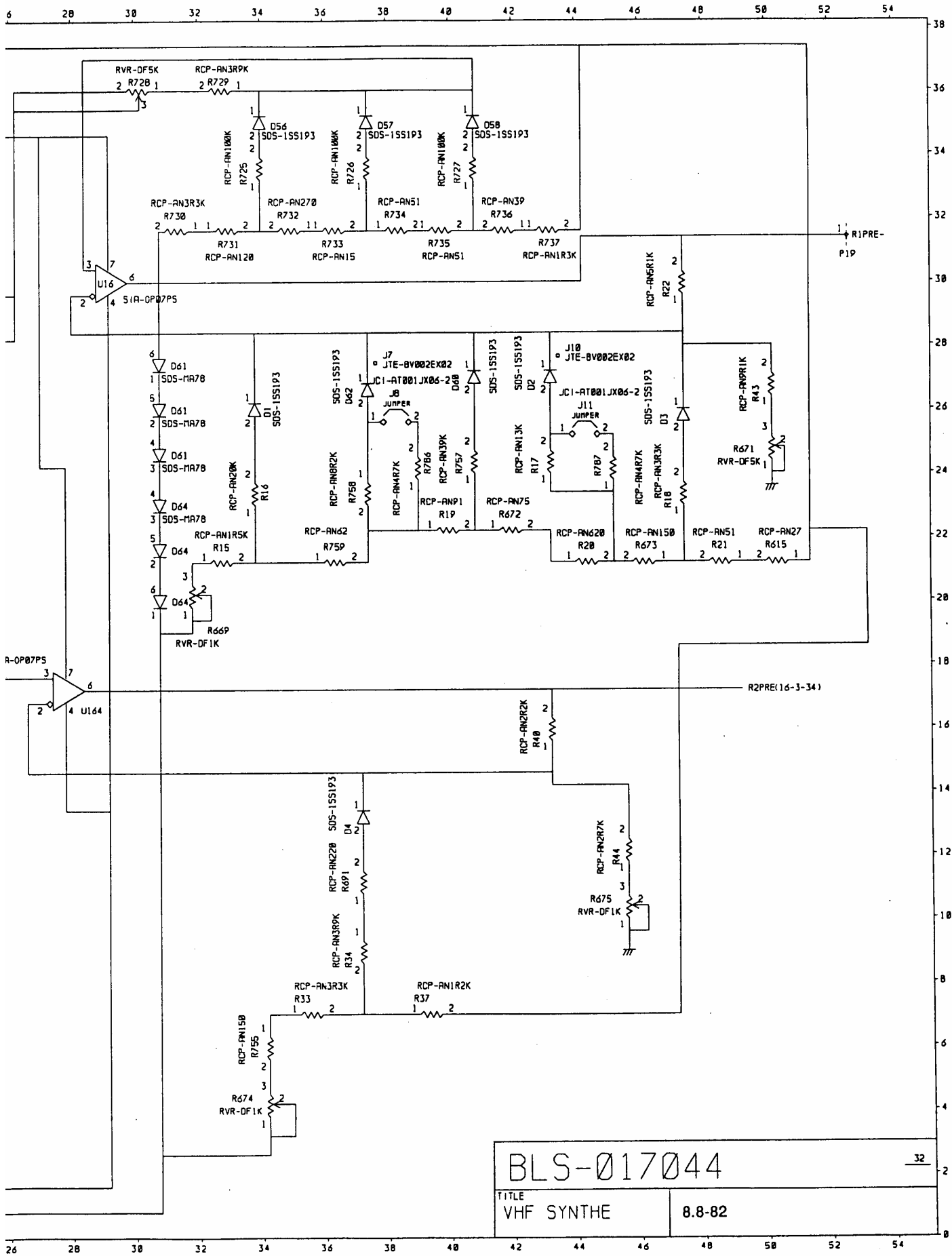
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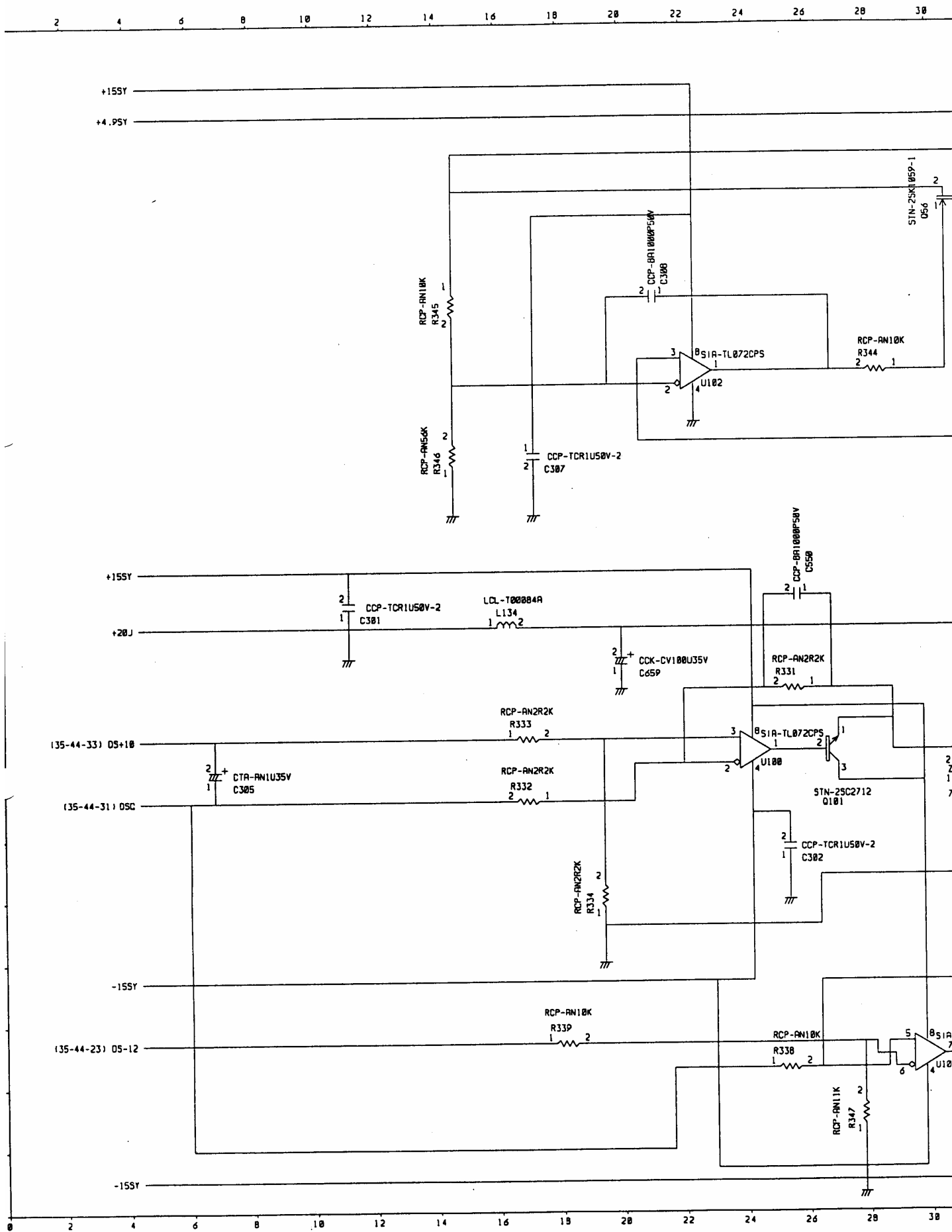


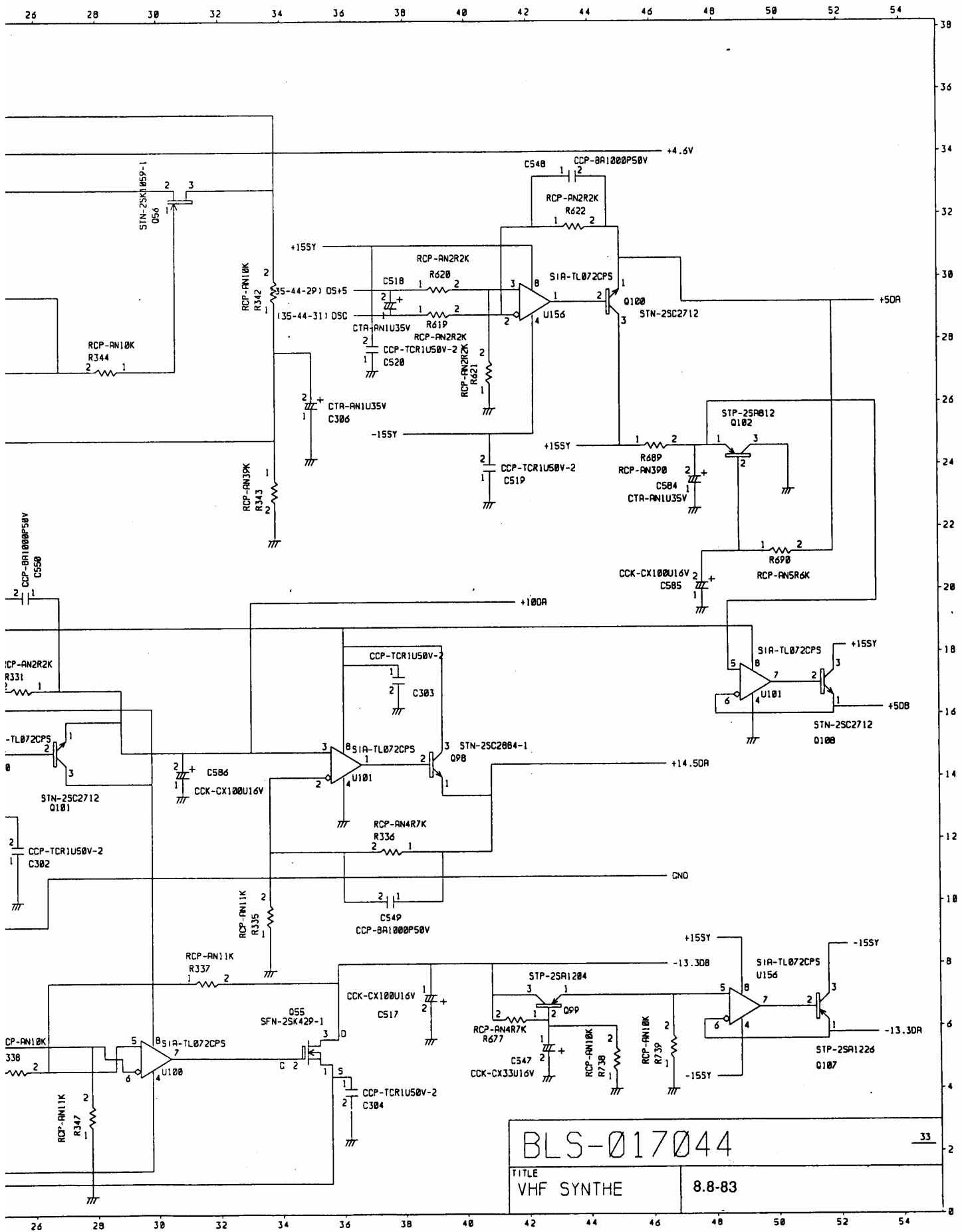


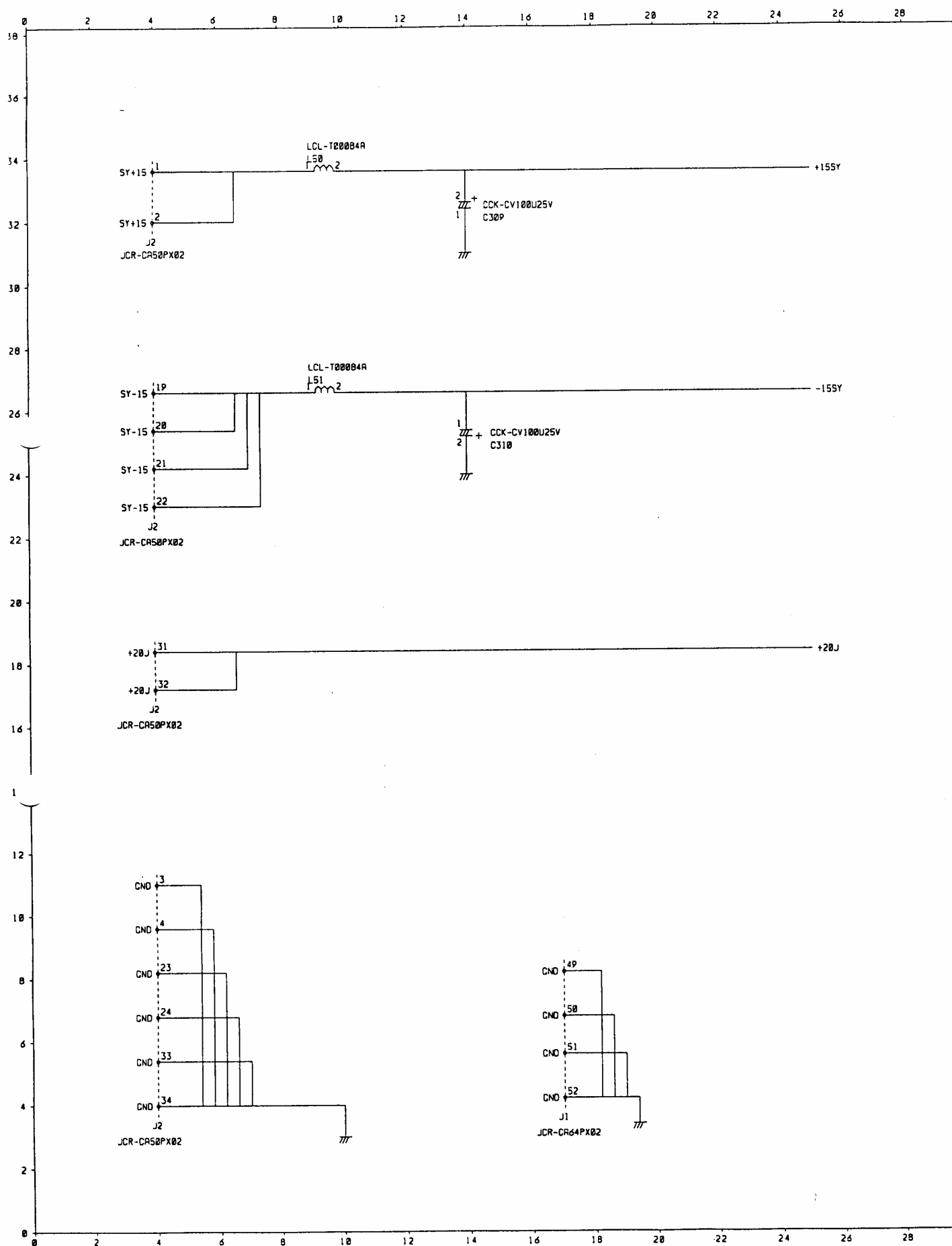


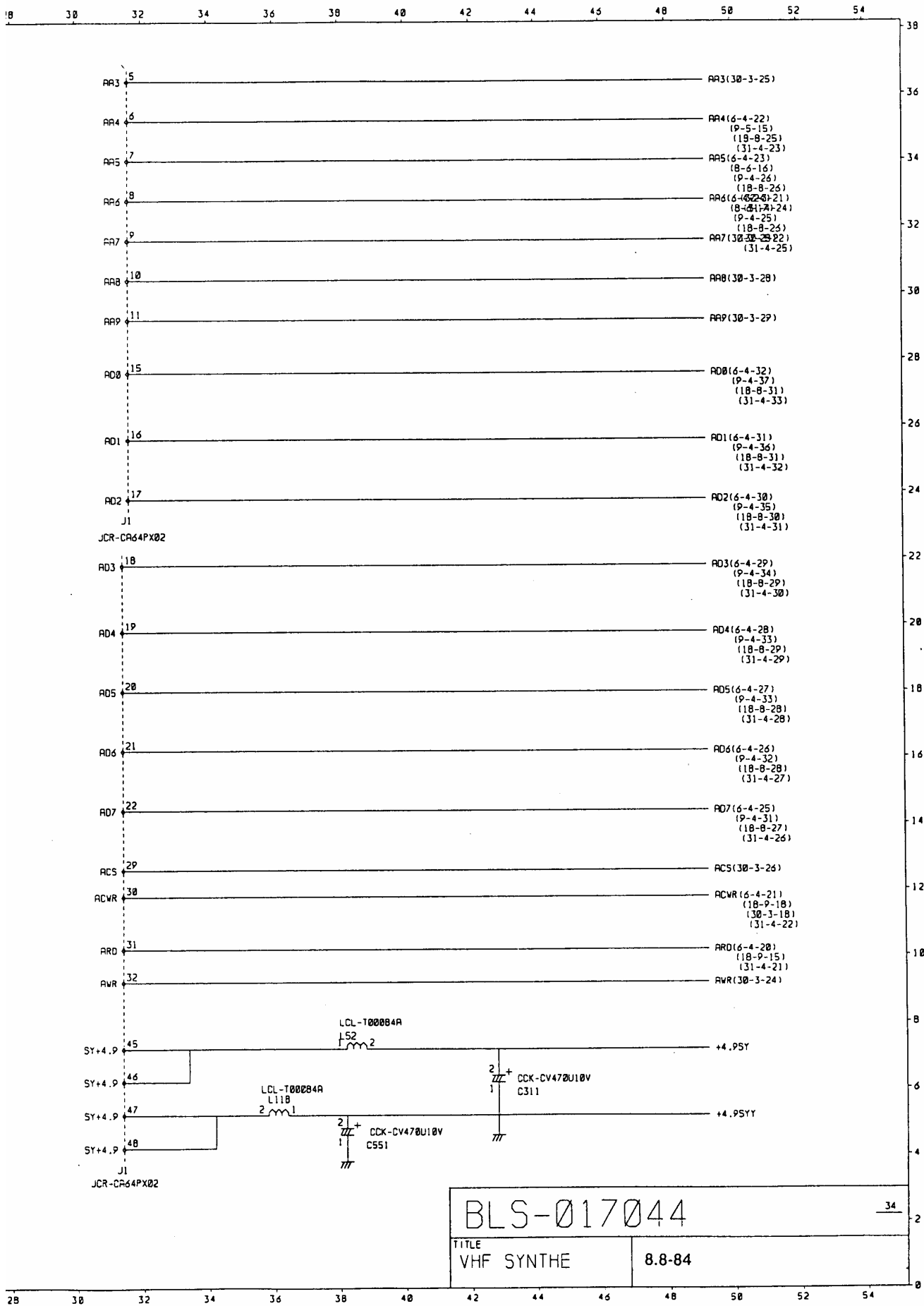




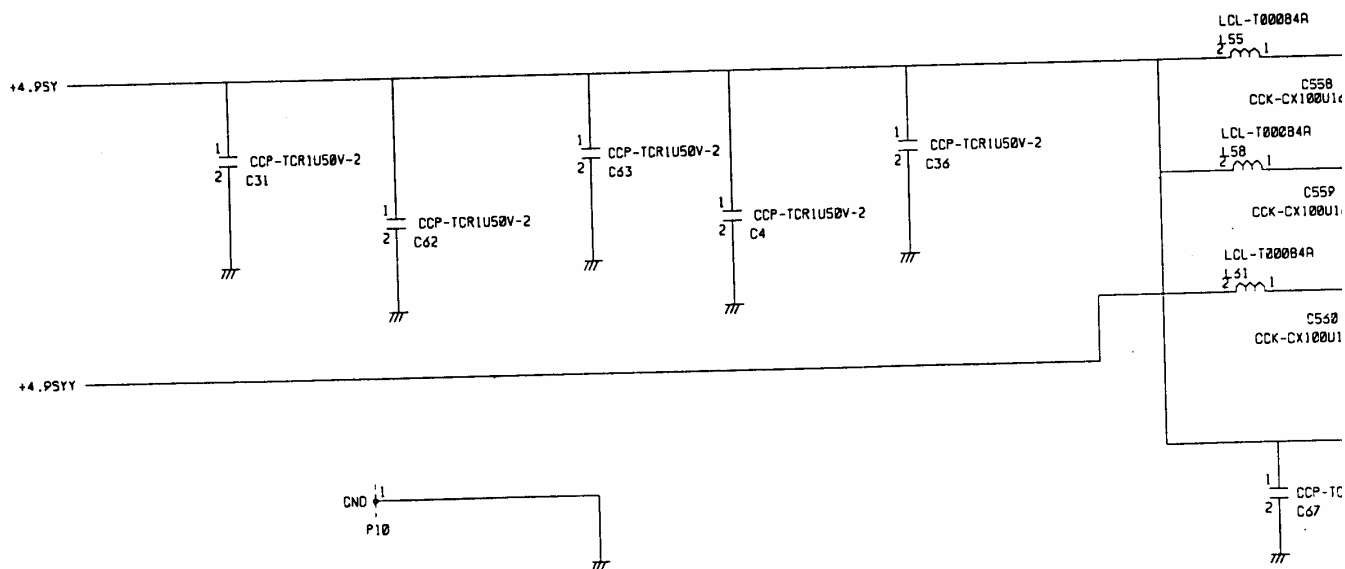
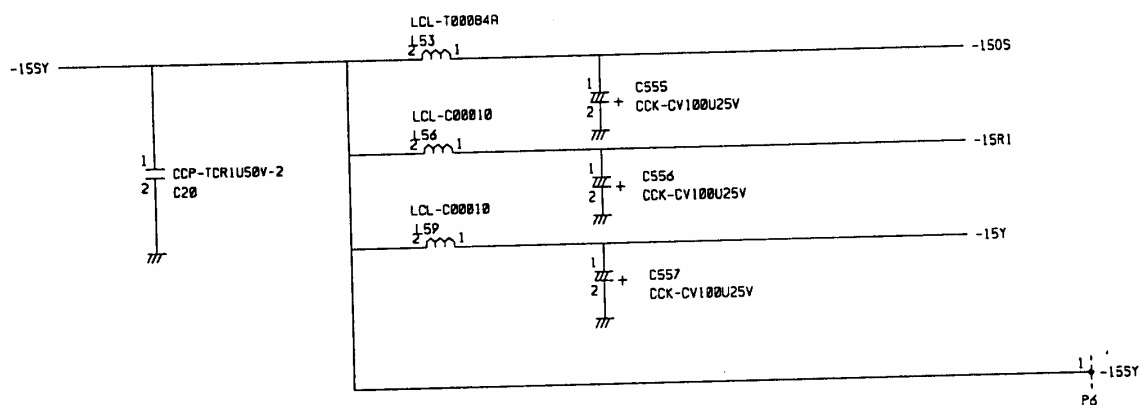
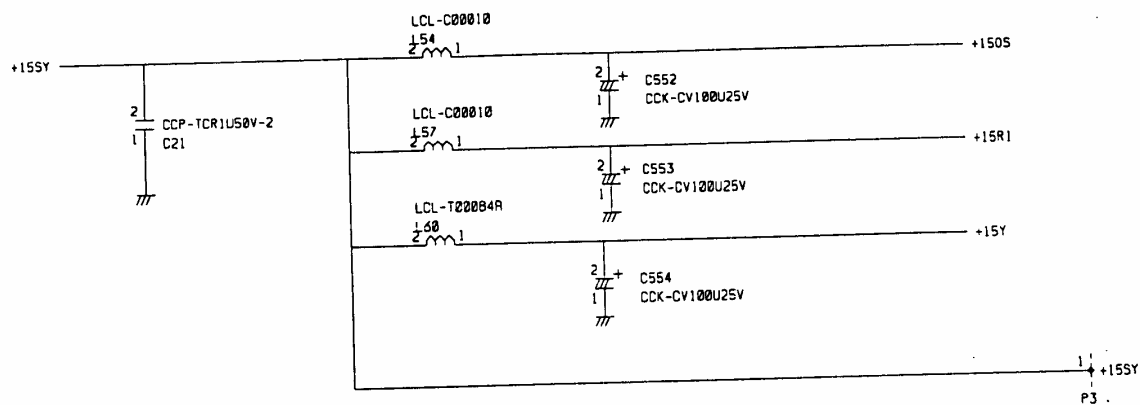






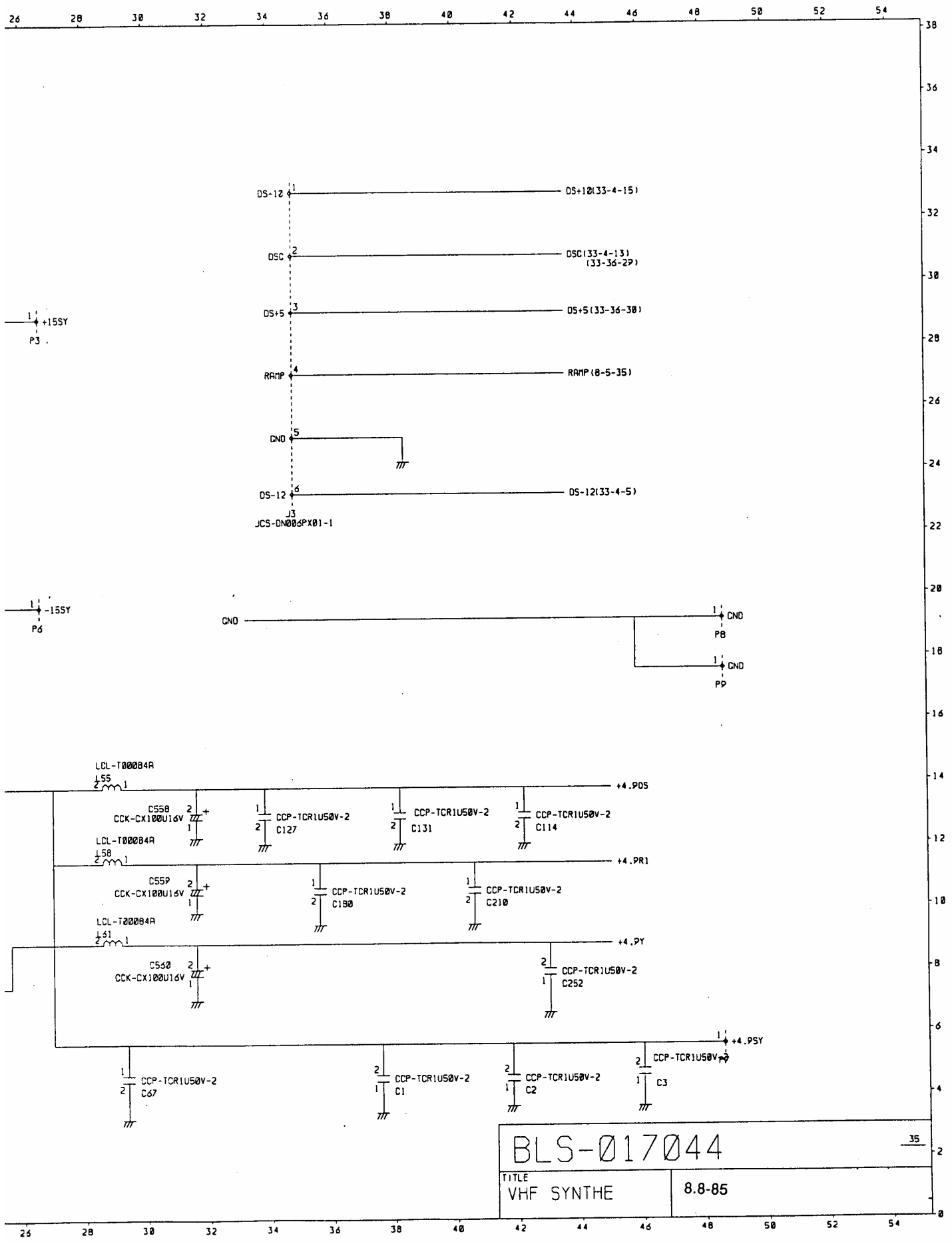


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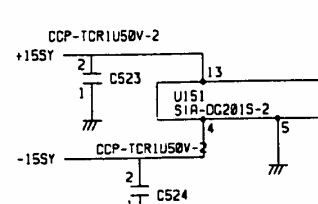
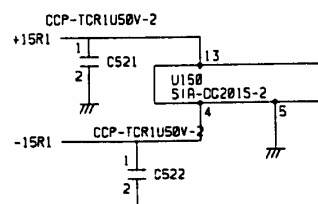
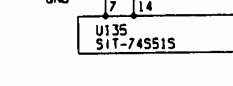
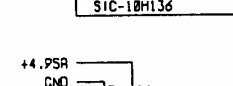
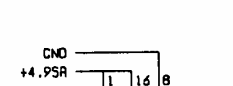
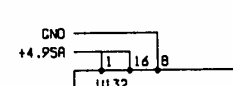
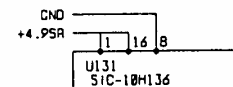
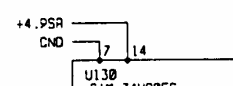
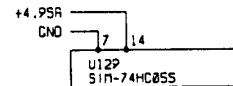
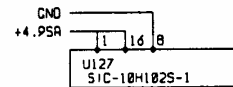
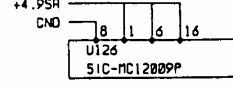
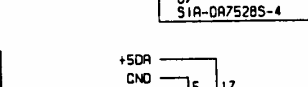
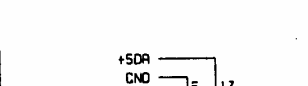
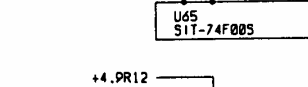
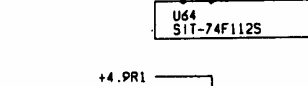
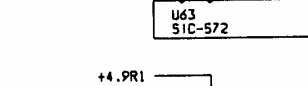
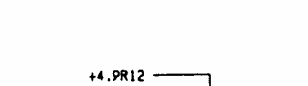
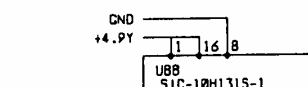
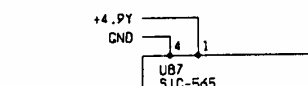
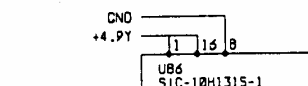
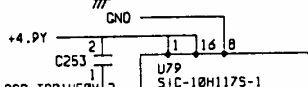
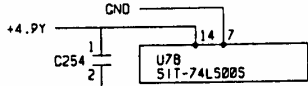
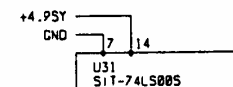
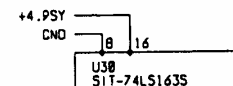
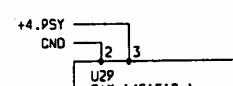
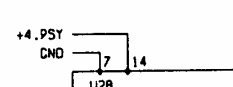
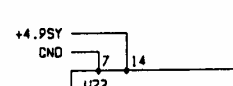
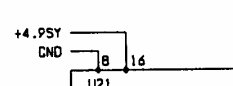
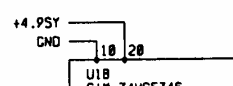
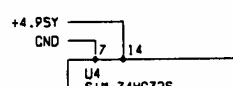
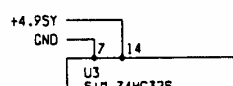
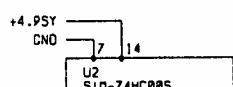
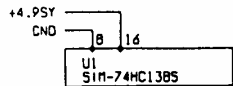
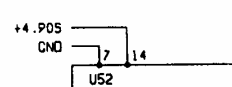
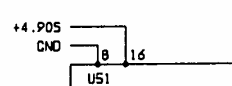
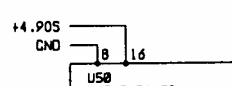
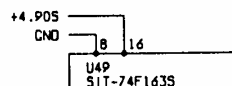
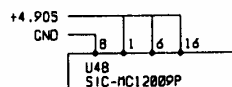
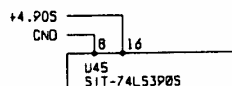
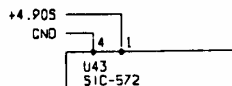
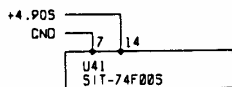
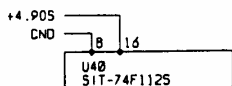


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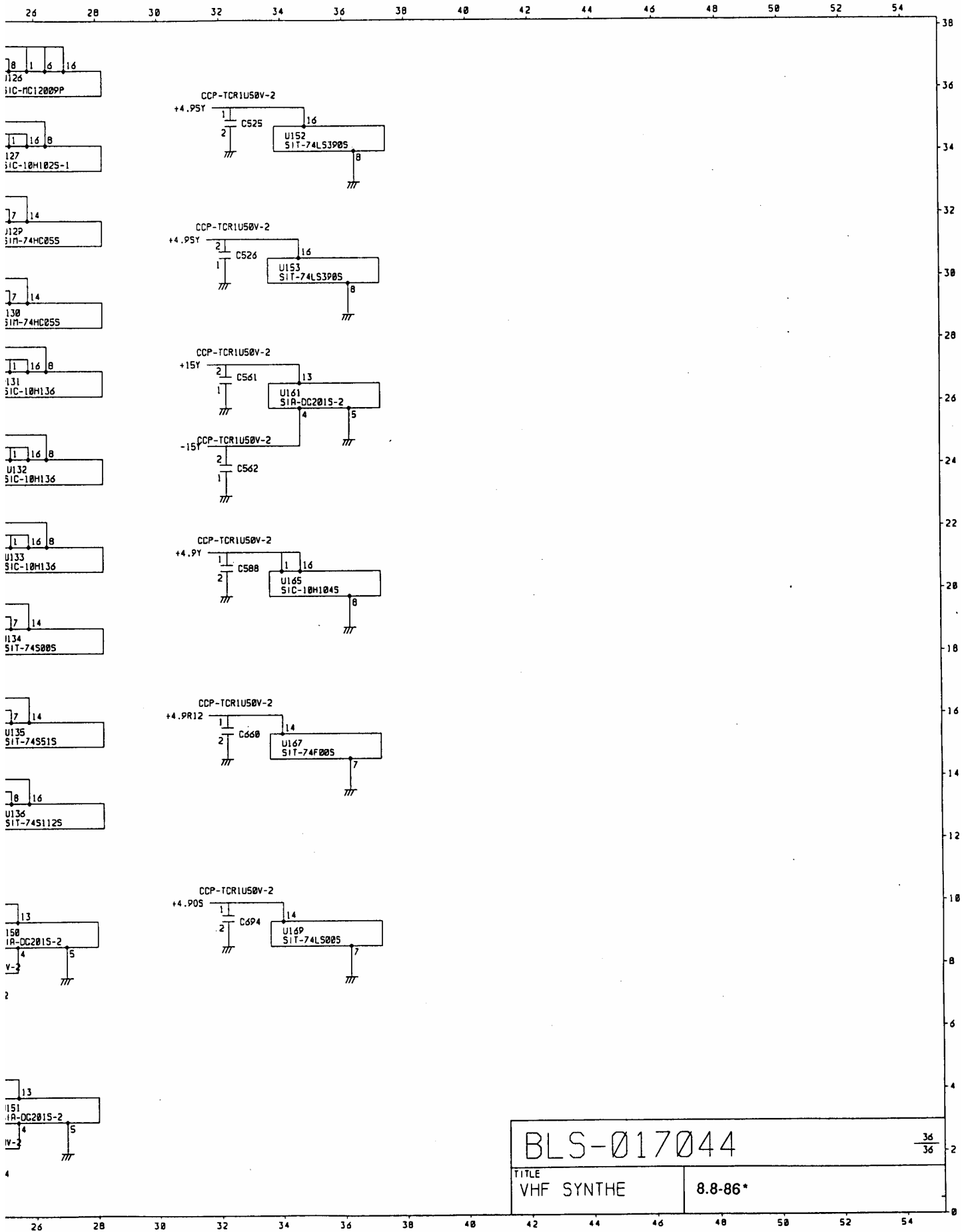
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2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32



2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32



**R3265A/3271A
MEMORY CARD
WBL-32XXMCRD**

Parts No.	Advantest Stock No.	Description	Note
	BLC-017047	MEMORY CARD I/F BOARD	

**R3265A/3271A
MEMORY CARD
BLC-017047**

Parts No.	Advantest Stock No.	Description	Note
C1 -2	CSM-AGR1U50V	FXD CER 0.1 μ F \pm 10% 50V	
D1	NLD-000111	LED RED	
J1	DCB-RR0800X04-1	CABLE WITH CONNECTOR	
J2	YEE-004093-1	MEMORY CARD CONNECTOR	
Q1	STP-2SA642-33	TRANSISTOR PNP	
Q2	STN-RN1002	TRANSISTOR NPN	
R1	RCB-AG56K	FXD CAR 56k Ω \pm 5% 1/8W	
R2	RCB-AG560	FXD CAR 560 Ω \pm 5% 1/8W	
R3	RCB-AG1K	FXD CAR 1k Ω \pm 5% 1/8W	
U1	SIM-74HC10	TRIPLE 3-INPUT POSITIVE-NAND GATES	

**R3265A/3271A
FREQUENCY STANDARD
WBL-32XXSTD**

Parts No.	Advantest Stock No.	Description	Note
	BLB-017041	STD BOARD	
	BLB-020417	IF DETECTOR BOARD	
	CFT-AQR01U50V	FXD COAXIAL 0.01 μ F + 50%-20% 50V	
	CFT-AQ1000P50V-1	FXD COAXIAL 1000pF + 50%-20% 50V	
	JCF-AC001JX02	CONNECTOR	
CB1	DCB-QS4310X03B-1	CABLE ASSEMBLY	
FL1 -3	DNF-001052	EMI FILTER	

**R3265A/3271A
IF DETECTOR
BLB-020417**

Parts No.	Advantest Stock No.	Description	Note
	PLB-220417CC-1	IF DETECTOR BOARD	
C1	CTA-AS1U35V	FXD TA 1 μ F \pm 20% 35V	
C2	CCP-BAR01U50V	FXD CHIP 0.01 μ F \pm 10% 50V	
C3 -4	CTA-AS1U35V	FXD TA 1 μ F \pm 20% 35V	
C5 -11	CCP-TCR1U50V	FXD CHIP 0.1 μ F \pm 80%-20% 50V	
C12	CCP-BA1000P50V	FXD CHIP 1000pF \pm 10% 50V	
C13	CCP-BA150P50V	FXD CHIP 150pF \pm 10% 50V	
C14 -16	CCP-TCR1U50V	FXD CHIP 0.1 μ F \pm 80%-20% 50V	
C17	CCP-BAR01U50V	FXD CHIP 0.01 μ F \pm 10% 50V	
C20	CCP-TCR1U50V	FXD CHIP 0.1 μ F \pm 80%-20% 50V	
C21	CTA-AS1U35V	FXD TA 1 μ F \pm 20% 35V	
C22	CCP-BA47P50V	FXD CHIP 47pF \pm 10% 50V	
D1	SDZ-M020	ZENER DIODE	
D4	SDZ-1SS242	DIODE SI	
D5	SDZ-M030	ZENER DIODE	
D6	SDZ-M020	ZENER DIODE	
D7	SDZ-M100	ZENER DIODE	
D8	SDZ-M062	ZENER DIODE	
Q1	STN-2SD1005	NPN TRANSISTOR	
Q2	STP-2SB804	PNP TRANSISTOR	
R1 -2	RCP-AN51	FXD CHIP 51 Ω \pm 0.5% 1/10W	
R3	RCP-AN100	FXD CHIP 100 Ω \pm 0.5% 1/10W	
R4	RCP-AN5R1K	FXD CHIP 5.1k Ω \pm 0.5% 1/10W	
R5	RCP-AN220	FXD CHIP 220 Ω \pm 0.5% 1/10W	
R6	RCP-AN100K	FXD CHIP 100k Ω \pm 0.5% 1/10W	
R7 -8	RCP-AN470	FXD CHIP 470 Ω \pm 0.5% 1/10W	
R9	RCP-AN120K	FXD CHIP 120k Ω \pm 0.5% 1/10W	
R10	RCP-AN8R2K	FXD CHIP 8.2k Ω \pm 0.5% 1/10W	
R11	RCP-AN1R5K	FXD CHIP 1.5k Ω \pm 0.5% 1/10W	
R12	RCP-AN100	FXD CHIP 100 Ω \pm 0.5% 1/10W	
R13	RCP-AN1K	FXD CHIP 1k Ω \pm 0.5% 1/10W	
R14	RCP-AN560	FXD CHIP 560 Ω \pm 0.5% 1/10W	
R15	RCP-AN51	FXD CHIP 51 Ω \pm 0.5% 1/10W	
R16	RCP-AN390	FXD CHIP 390 Ω \pm 0.5% 1/10W	
R17	RCP-AN220	FXD CHIP 220 Ω \pm 0.5% 1/10W	
R18	RCP-AN330	FXD CHIP 330 Ω \pm 0.5% 1/10W	
R19	RCP-AN100	FXD CHIP 100 Ω \pm 0.5% 1/10W	
R20	RVR-EC200K	VAR 200k Ω \pm 20% 1/8W	
R21	RCP-AN1R5K	FXD CHIP 1.5k Ω \pm 0.5% 1/10W	
R22	RCP-AN51	FXD CHIP 51 Ω \pm 0.5% 1/10W	

**R3265A/3271A
IF DETECTOR
BLB-020417**

Parts No.	Advantest Stock No.	Description	Note
R23	RCP-AN1R5K	FXD CHIP 1.5ka $\pm 0.5\%$ 1/10W	
R24	RCP-AN51	FXD CHIP 51a $\pm 0.5\%$ 1/10W	
U1	SIA-VCA610S-1	WIDE BAND VOLTAGE CONTROLLED AMPLIFIER	
U2	SIA-1663S-1	WIDE BAND AMPLIFIER	
U3	SIA-TL072CPS-2	OP AMP DUAL LOW NOISE	
U4	SIA-LT1121C5S	REGULATOR	

**R3265A/3271A
PANEL
WBL-3271PNL**

Parts No.	Advantest Stock No.	Description	Note
CB1	BLD-017048	PANEL KEY BOARD	
CB2	DCB-QS4309X02A-1	CABLE	
CB4	DCB-QS4316X01-1	CABLE	
CB5	DCB-FF4321X20-1	CABLE COAXIAL	
R1	DCB-QS4688X02-1	CABLE	
S1	DEE-000828-1	SMA 50 Ω TERMINATOR	
	KSS-000918-1	SWITCH	

**R3265A/3271A
PANEL
WBL-3265PNL**

Parts No.	Advantest Stock No.	Description	Note
CB1	DCB-QS4309X02A-1	CABLE	
CB2	DCB-QS4316X01-1	CABLE	
CB4	DCB-FF4321X20-1	CABLE COAXIAL	
CB5	DCB-QS4688X02-1	CABLE	
R1	DEE-000828-1	SMA 50 Ω TERMINATOR	
S1	KSS-000918-1	SWITCH	

**R3265A/3271A
PANEL
BLD-017048**

Parts No.	Advantest Stock No.	Description	Note
D1 -3	NLD-000010	LED GREEN	
D4	NLD-000111	LED RED	
D5	NLD-000010	LED GREEN	
J1	DCB-RR1792X03-1	CABLE	
J2	JCS-DN003PX01-1	CONNECTOR	
R1 -5	RCB-AG680	FXD CAR 680 Ω \pm 5% 1/8W	
S1 -43	KSP-000609	SWITCH	
VR1	RVR-BL100K	VR 100k Ω	

**R3265A/3271A
REAR CONNECTOR
BLD-021088**

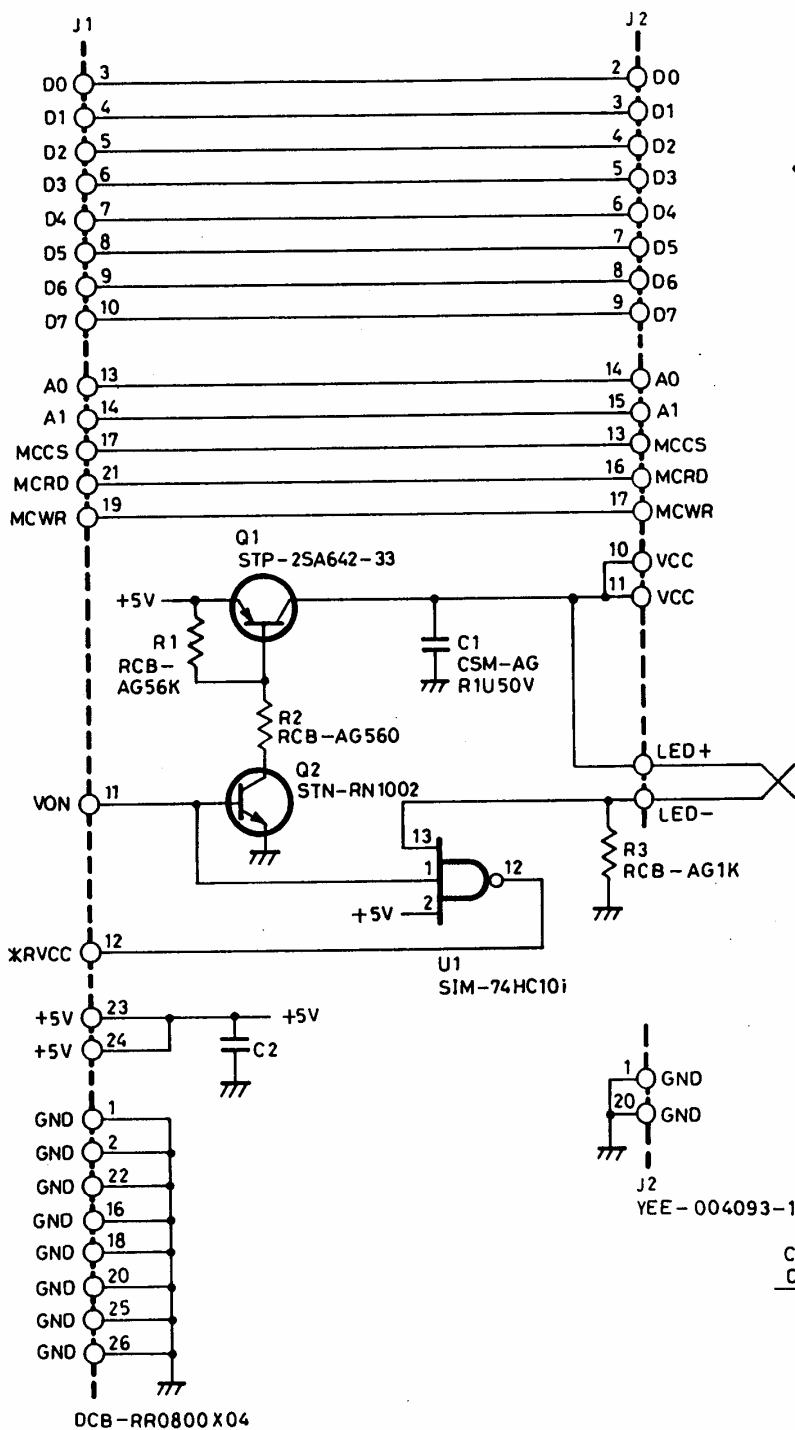
Parts No.	Advantest Stock No.	Description	Note
	CSM-TFR1U50V	FXD CER 0.1 μ F +80% -20% 50V	
	DCB-FF4320X18A-1	CABLE	
CB1	PLD-221088AA-1		
	DCB-RR6313X01-1	CABLE	
CB2	DCB-RR6314X01-1	CABLE	
CB3	DCB-SS6312X01-1	CABLE	
CB4	DCB-SS6311X01-1	CABLE	
FL1 -38	DNF-002727	EMI FILTER	
FL41 -79	DNF-002727	EMI FILTER	
FL80	DNF-002279	CHIP EMI FILTER	
FL81	DNF-002727	EMI FILTER	
J1	JCS-FP025JX01-1	CONNECTOR	
J2 -3	JCS-FQ024JX01-1	CONNECTOR	
J4	JCR-CK060PX01-1	CONNECTOR	
J5	JCS-DA036JX02-1	CONNECTOR	
J6	JCR-CK034PX01-1	CONNECTOR	
J7	JCF-AB001JX48-1	CONNECTOR	
J8	JCS-FR002PX01-1	CONNECTOR	
J9 -12	JCF-AB001JX48-1	CONNECTOR	
J13	JCS-FR008PX01-1	CONNECTOR	
J14	JCF-AB001JX48-1	CONNECTOR	
J15	JCF-AC001JX04	CONNECTOR	
J16	JCS-CC006JX01-1	CONNECTOR	
J17	JCS-FR006PX01-1	CONNECTOR	

<CPU Side>

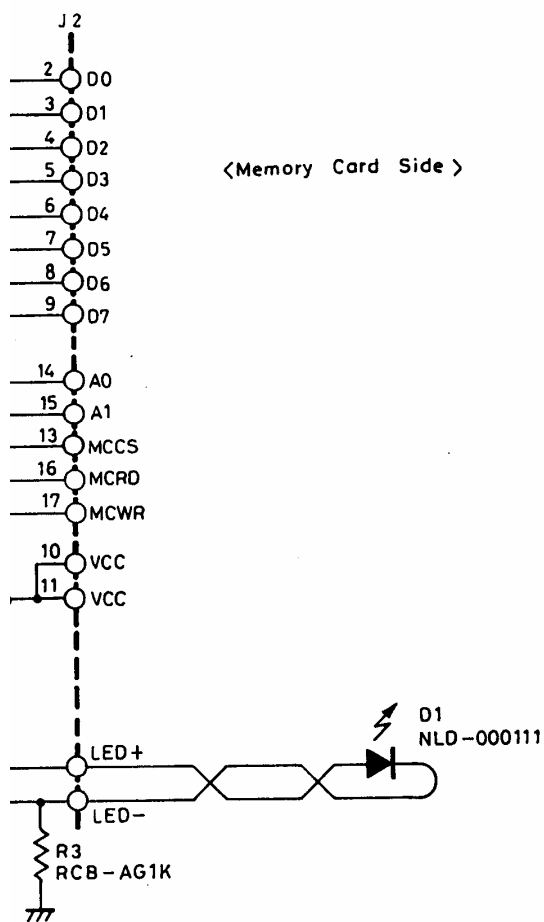
J1
Pin Connection

1	GND	GND	2
3	D0	D1	4
5	D2	D3	6
7	D4	D5	8
9	D6	D7	10
11	VON	XRVCC	12
13	A0	A1	14
15	NC	GND	16
17	MCCS	GND	18
19	MCWR	GND	20
21	MCRD	GND	22
23	+5V	+5V	24
25	GND	GND	26

DCB-RR0800X04

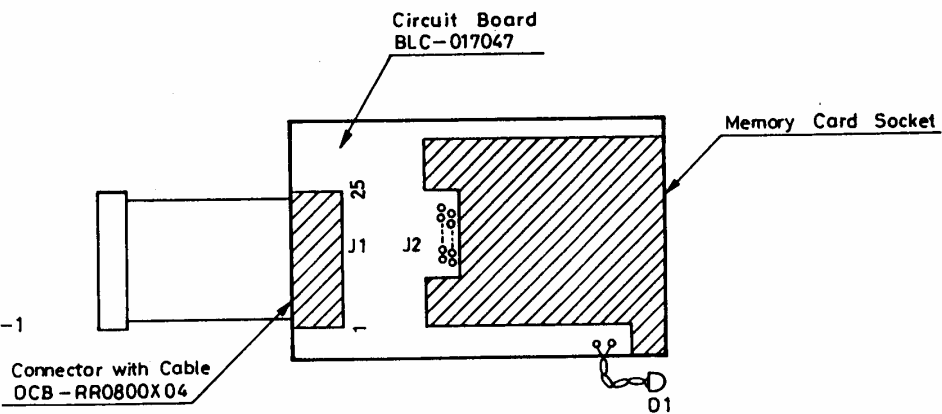
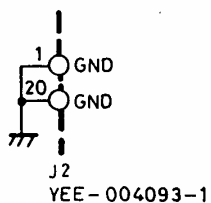


C
C



J2
Pin Connection

1	GND
2	D0
3	D1
4	D2
5	D3
6	D4
7	D5
8	D6
9	D7
10	VCC
11	VCC
12	(NC)
13	C S
14	A0
15	A1
16	RD
17	WR
18	(WP)
19	(NC)
20	GND



BLC-017047

1

TITLE

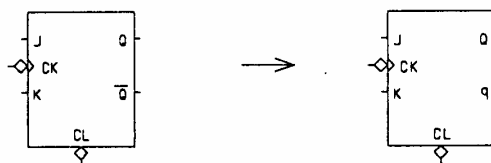
MEMORY CARD

8.9-10

■ DIAGRAMS ILLUSTRATION

SYMBOLS REFERENCE DESIGNATORS

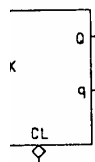
IC PIN NAME (PIN-NAME OF NEGATIVE LOGIC ARE
DISPLAYED BY SMALL LETTER)



18 20 22 24 26 28 30 32 34 36 38 26

VATORS

ATIVE LOGIC ARE
SMALL LETTER)



24
22
20
18
16
14
12
10
8
6
4
2
0

BLB-017041

1

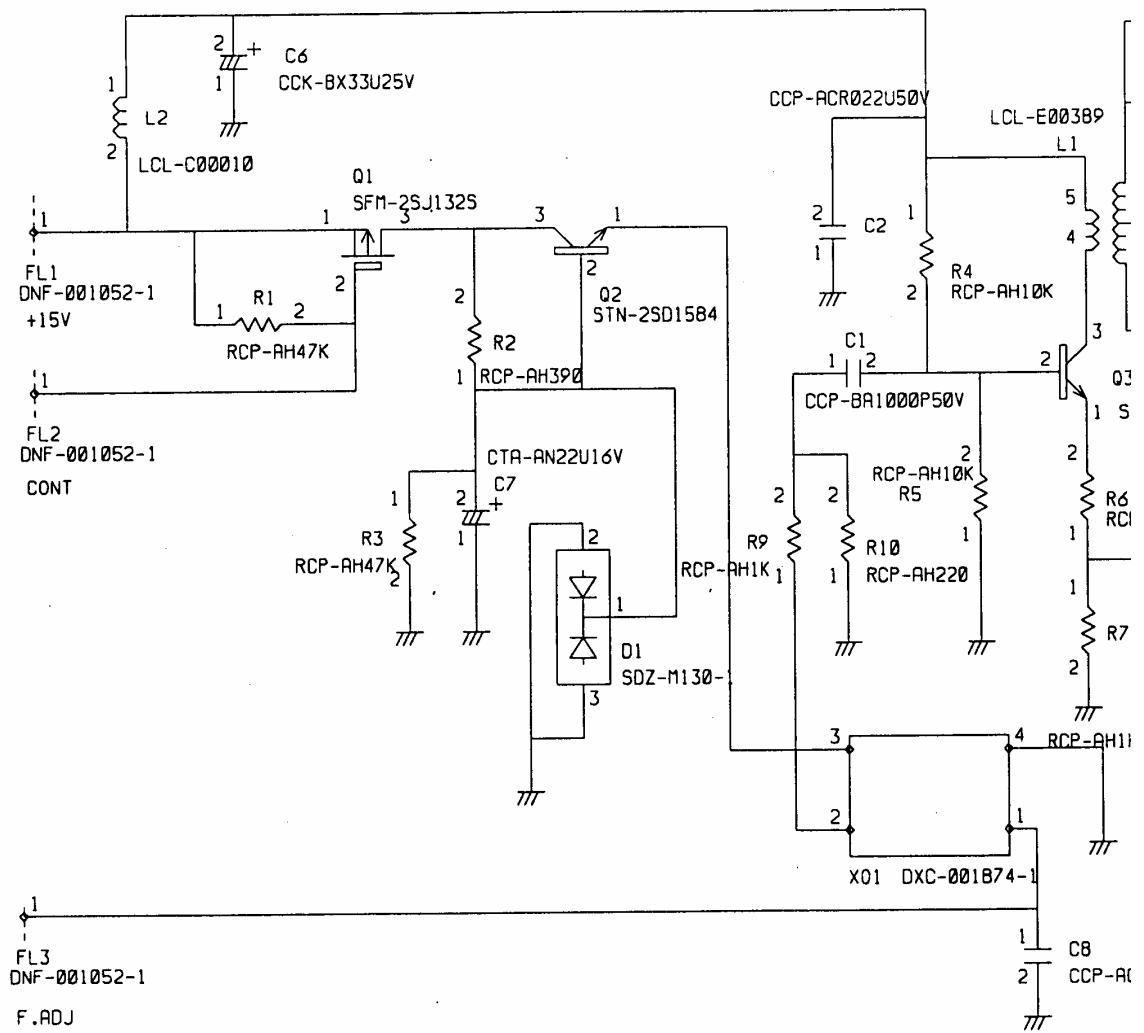
TITLE

STD BLK

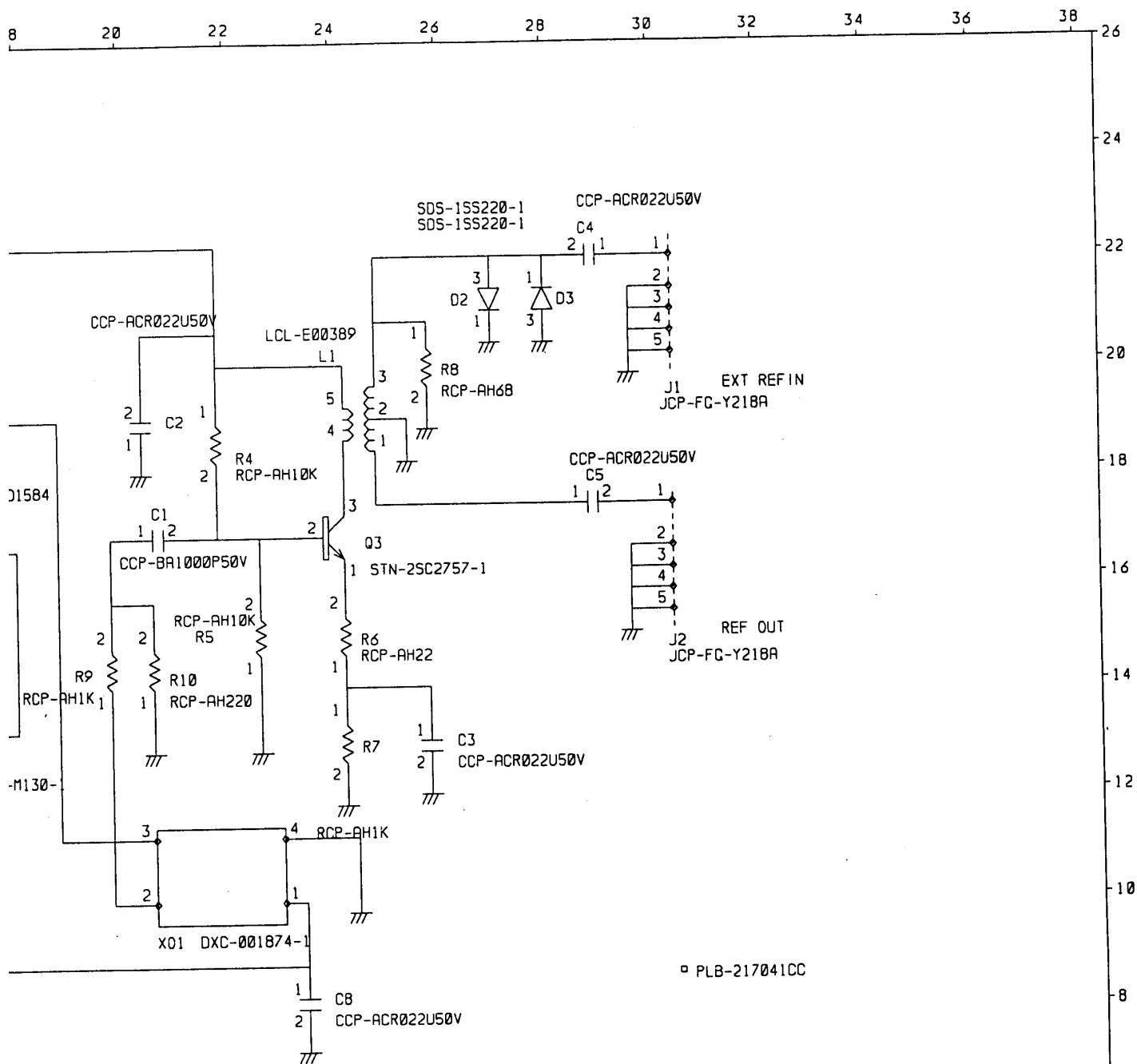
8.9-11

18 20 22 24 26 28 30 32 34 36 38 0

4 6 8 10 12 14 16 18 20 22 24



4 6 8 10 12 14 16 18 20 22 24



□ PLB-217041CC

BLB-017041

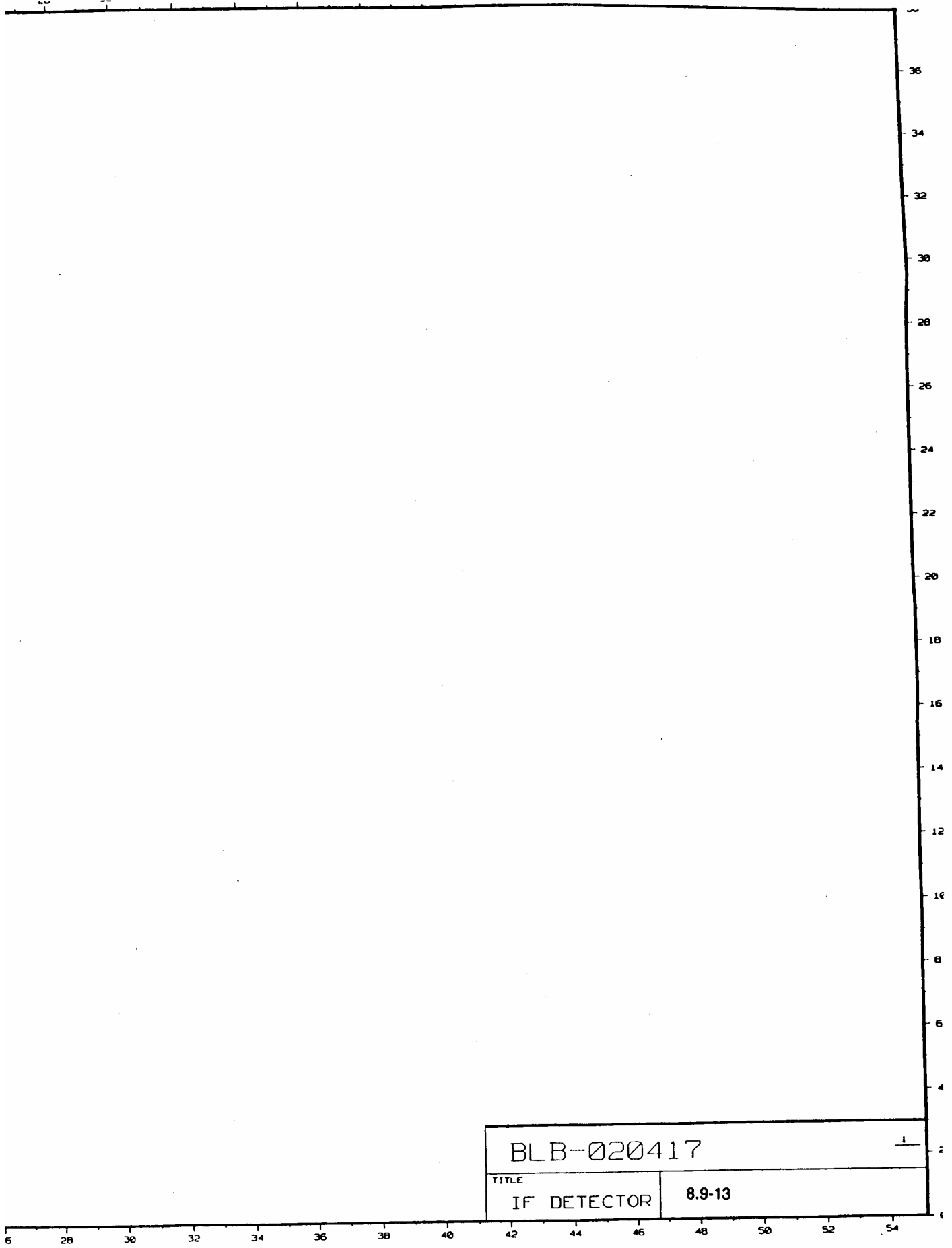
TITLE
STD BLK

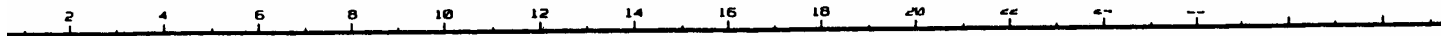
8.9-12

$\frac{2}{2}$

1. DRAWING DIRECTORY

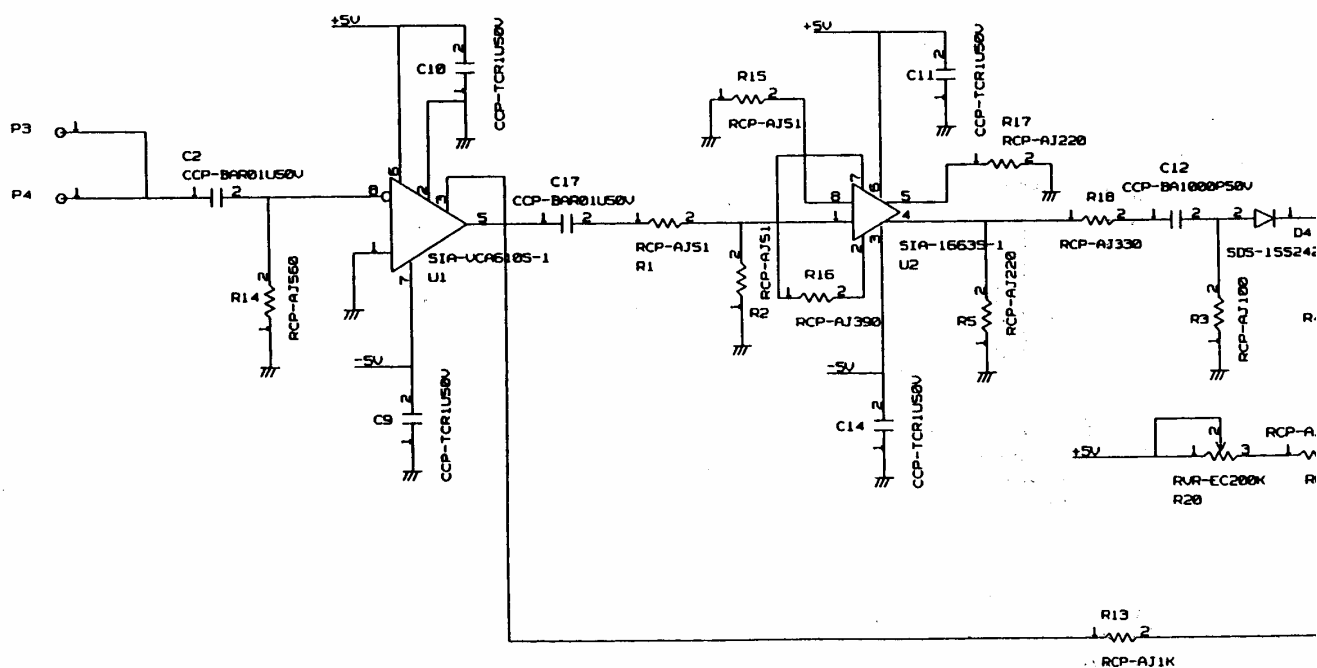
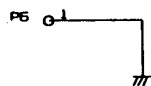
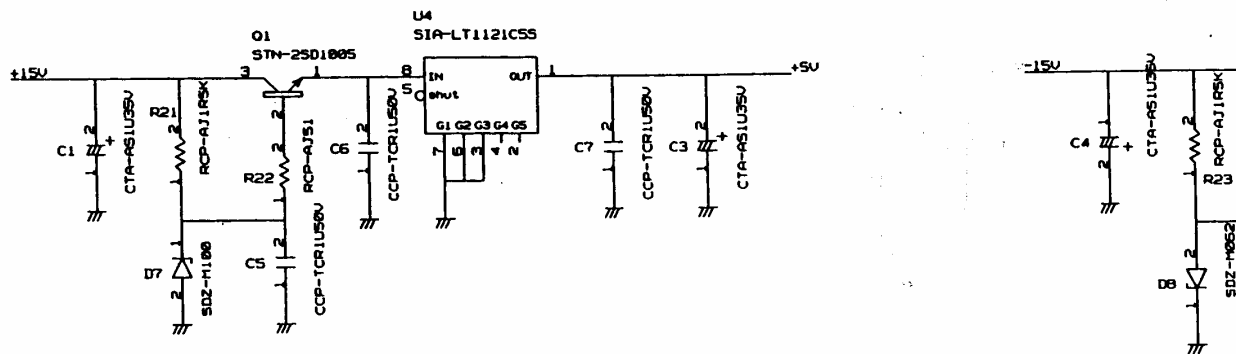
NAME	PAGE	DRG. NO.
SIGNAL LIST		
PARTS LIST		CP3-8221660CA
CIRCUIT DRAWING	01	CA3-8221661CA
	02	CA3-8221661CA



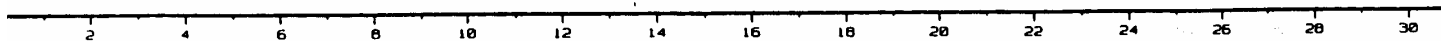


P1 0.1 +15V

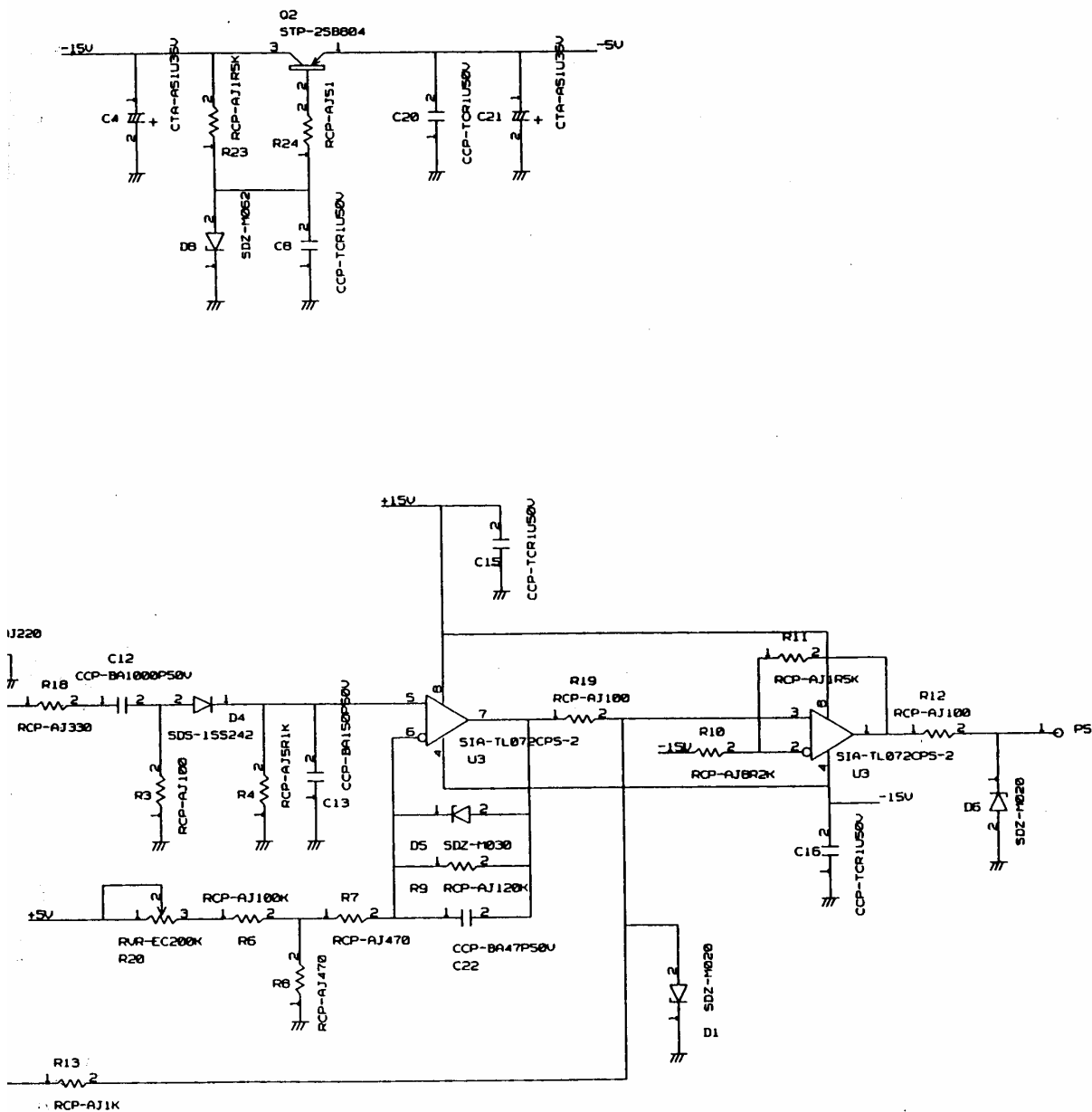
P2 0.1 -1



o PLB-220417CC-1



P2 0 -15V



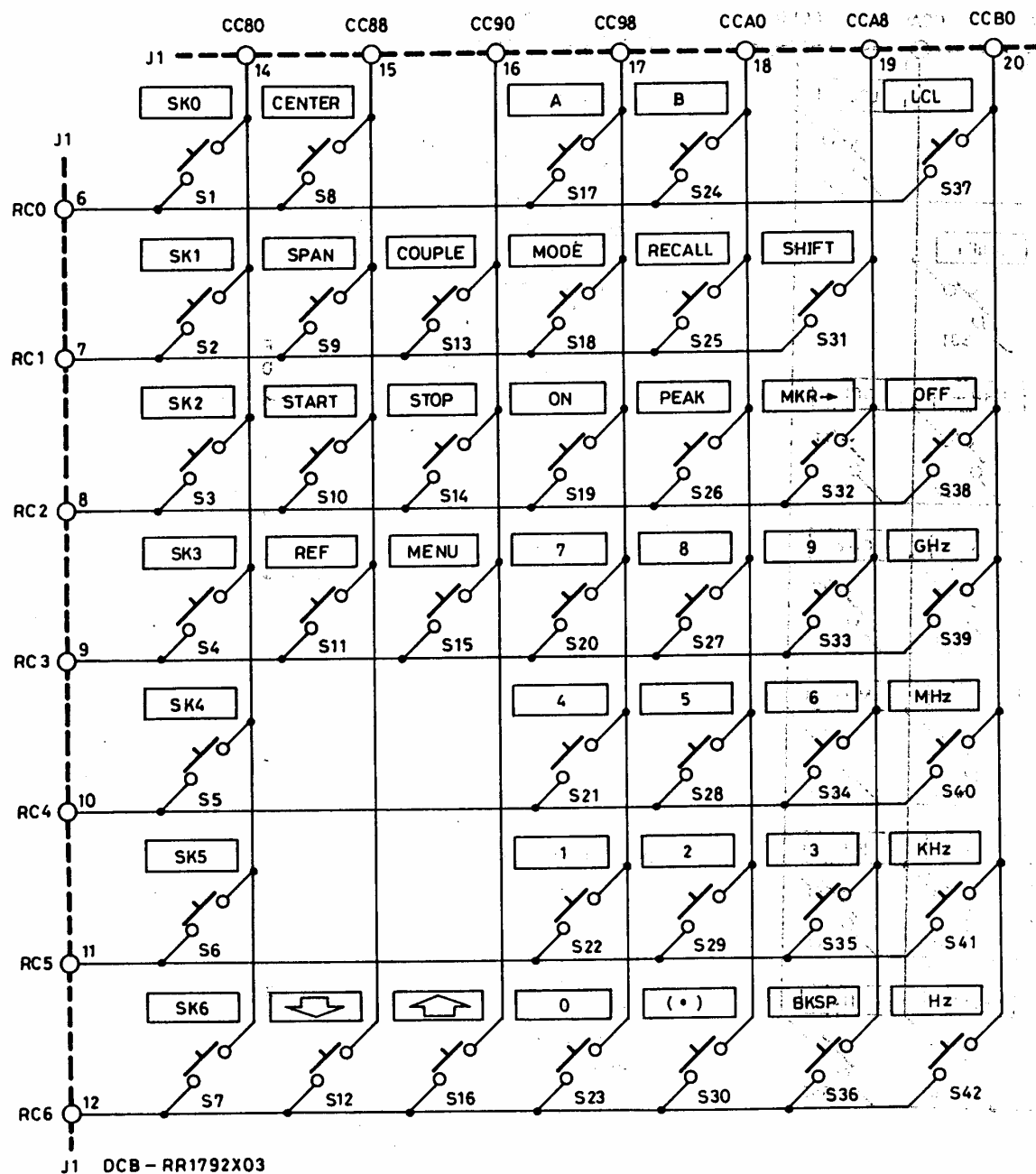
BLB-020417

TITLE

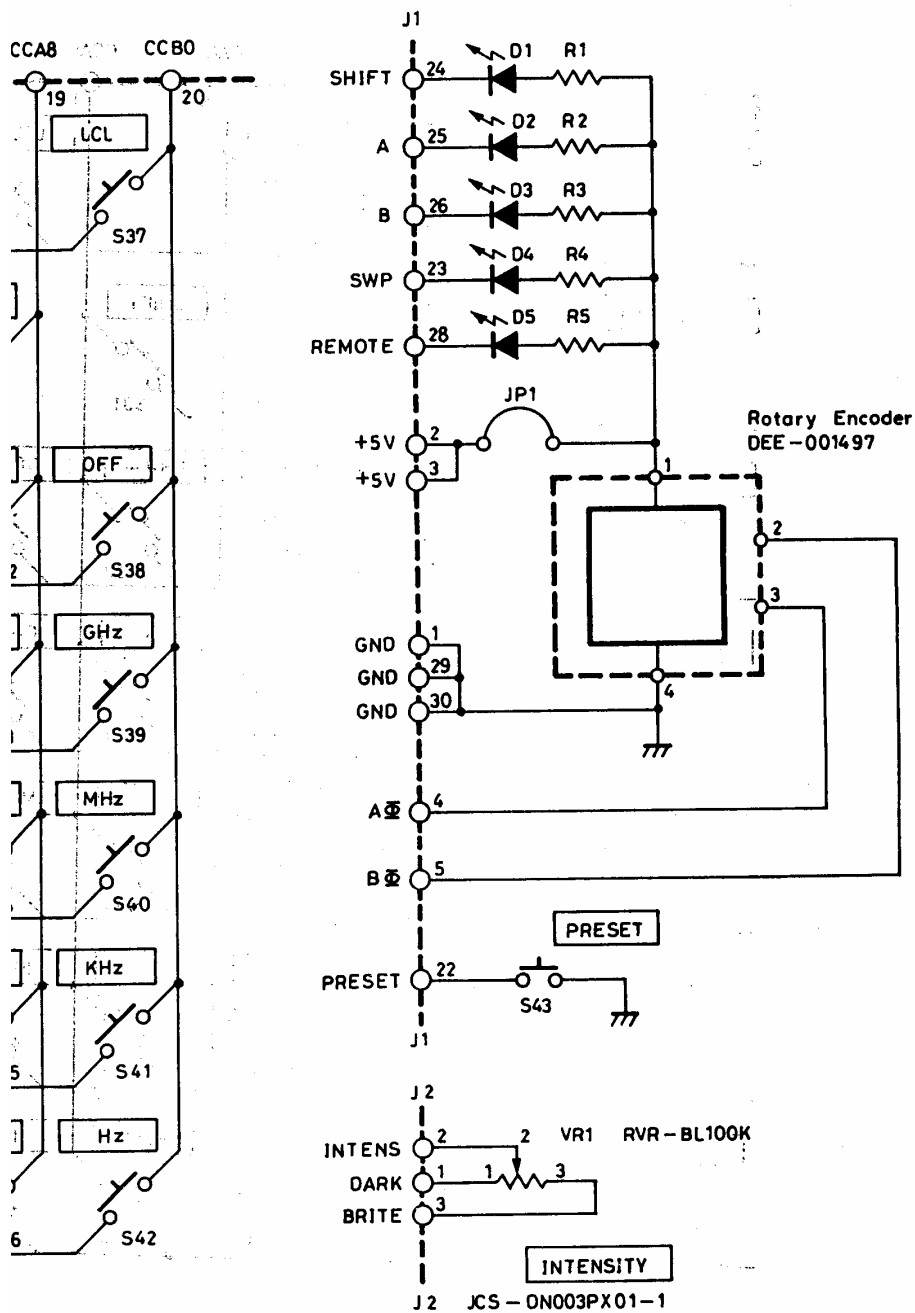
IF DETECTOR

8.9-14

2/2



S1~S43	KSP - 000609	X43
D1~D3	(GREEN LED)	
D5	NLD - 000010	X4
	(RED LED)	
D4	NLD - 000111	X1
R1~R5	RCB - AG680	X5



J1
Signal Table

1	GND	+5V	2
3	+5V	A	4
5	B	RC0	6
7	RC1	RC2	8
9	RC3	RC4	10
11	RC5	RC6	12
13		CC80	14
15	CC88	CC90	16
17	CC98	CCA0	18
19	CCA8	CCB0	20
21		PRESET	22
23	REMOTE	SHIFT	24
25	A	B	26
27		SWP	28
29	GND	GND	30

J2
Signal Table

1	DARK
2	INTENS
3	BRITE

BLD-017048

TITLE

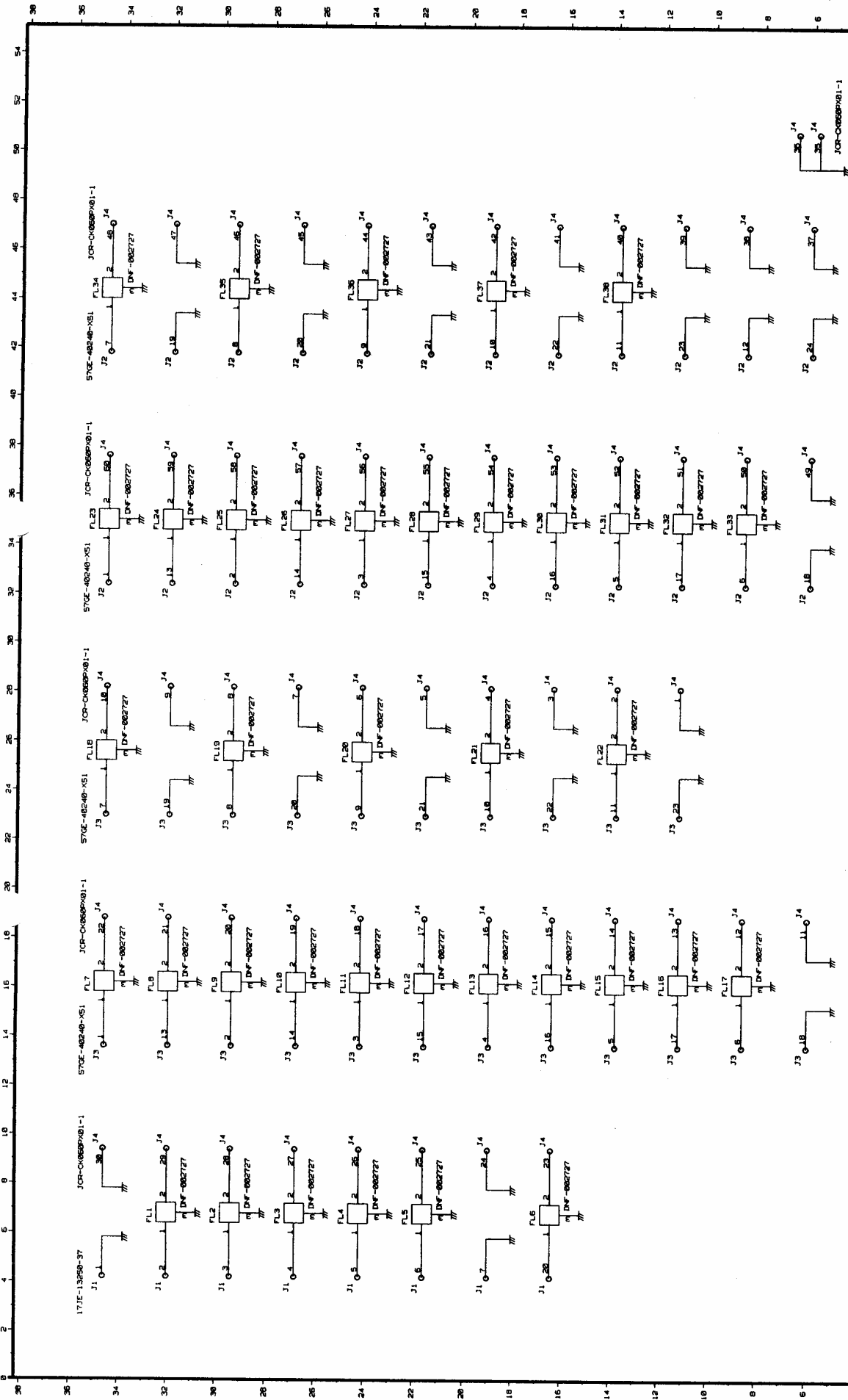
PANEL KEY

8.9-15

1. DRAWING DIRECTORY

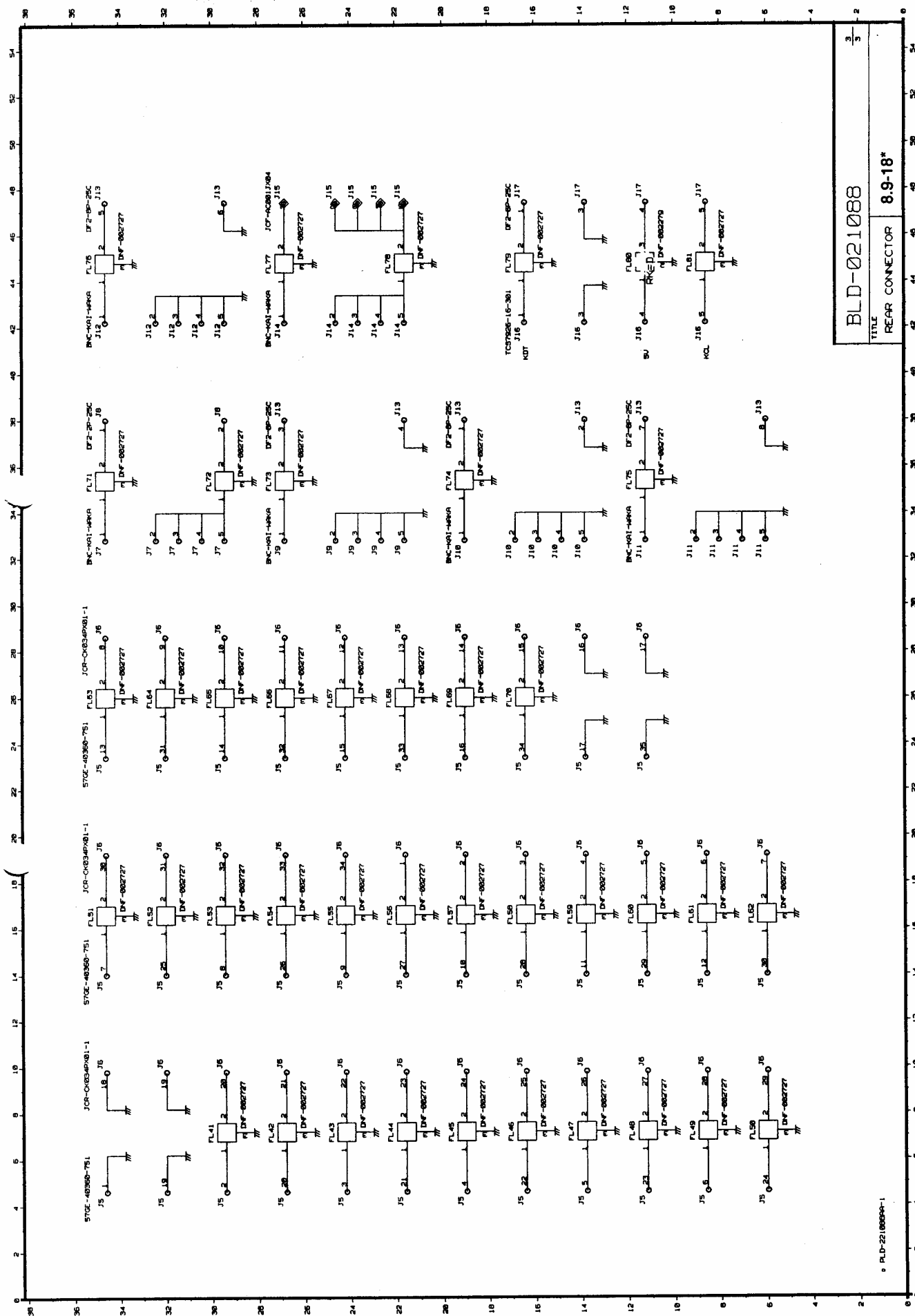
NAME	PAGE	DWG. NO.
STOCKS		C33-B239149A
PARTS LIST		
CIRCUIT		C33-B239159A
DRAWING	81	C33-B239169A
	82	C33-B239179A
	83	C33-B239189A

BLD-021088	1
TITLE	
REAR CONNECTOR	8.9-16



BLD-021088

TITLE
REAR CONNECTOR 8.9-17



PLD-221088AA-1

BLD-021088

FILE
REAR CONNECTOR
8.9-18*

WARRANTY

ADVANTEST product is warranted against defects in material and workmanship for a period of one year from the date of delivery to original buyer.

LIMITATION OF WARRANTY

The foregoing warranty shall not apply to defects resulting from improper or inadequate maintenance by buyer, unauthorized modification or misuse, accident or abnormal conditions of operations.

No other warranty is expressed or implied. ADVANTEST specifically disclaims the implied warranties of merchantability and fitness for a particular purpose.

ADVANTEST shall not be liable for any special incidental or consequential damages, whether in contract, tort or otherwise.

Any and all warranties are revoked if the product is removed from the country in which it was originally purchased.

SERVICE

During the warranty period, ADVANTEST will, at its option, either repair or replace products which prove to be defective.

When trouble occurs, buyer should contact his local supplier or ADVANTEST giving full details of the problem and the model name and serial number.

For the products returned to ADVANTEST for warranty service, buyer shall prepay shipping and transportation charges to ADVANTEST and ADVANTEST shall pay shipping and transportation charges to return the product to buyer. However, buyer shall pay all charges, duties, and taxes incurred in his country for products returned from ADVANTEST.

CLAIM FOR DAMAGE IN SHIPMENT TO ORIGINAL BUYER

The product should be thoroughly inspected immediately upon original delivery to buyer. All material in the container should be checked against the enclosed packing list or the instruction manual alternatively. ADVANTEST will not be responsible for shortage unless notified immediately.

If the product is damaged in any way, a claim should be filed by the buyer with carrier immediately. (To obtain a quotation to repair shipment damage, contact ADVANTEST or the local supplier.) Final claim and negotiations with the carrier must be completed by buyer.

SALES & SUPPORT OFFICES

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#08-03/06 Alexandra Technopark Singapore 119967

Phone : 65-274-3100 Facsimile : 65-274-4055

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Mühldorfstr. 15 (P.O.B. 80 1429, D-81614 Munich)

D-81671 Munich, Germany

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TEKTRONIX INC.

P.O. Box 500, M/S 39-520, Beaverton, Oregon 97077-0001

or

Howard Vollum Industrial Park, M/S 58-743, Beaverton, OR, 97077, U.S.A.

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