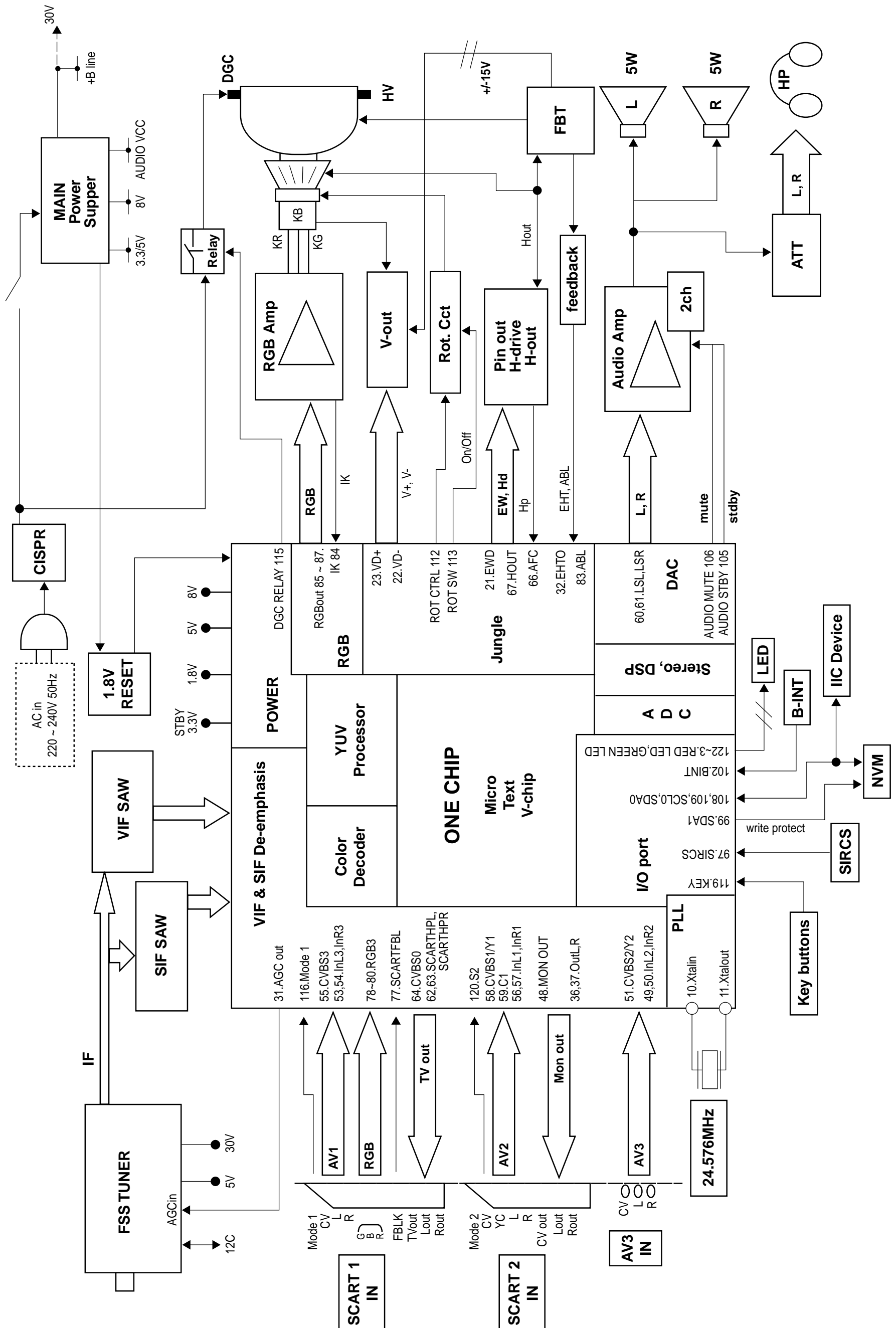
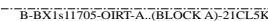


SECTION 4 DIAGRAMS

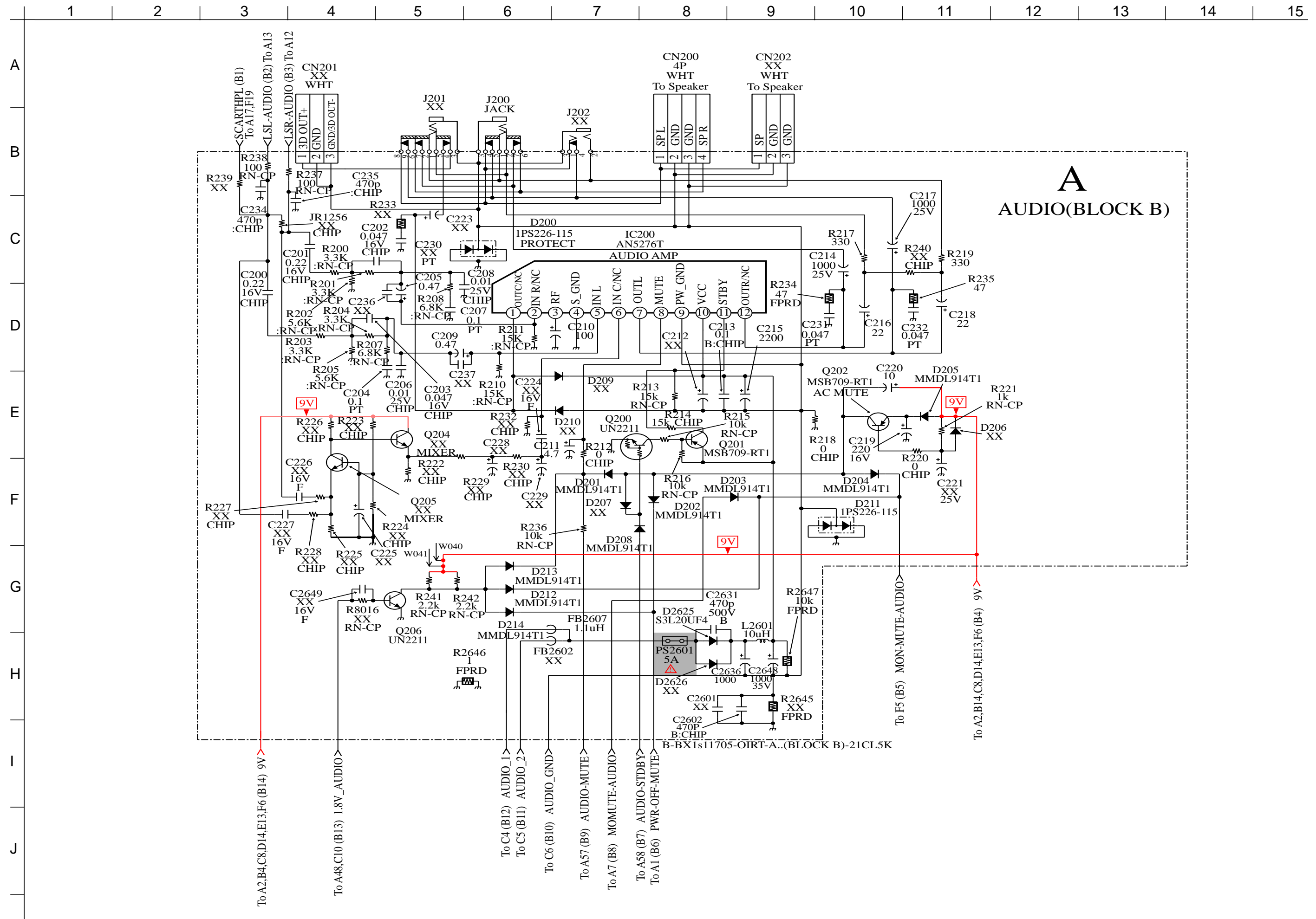
4-1. BLOCK DIAGRAM



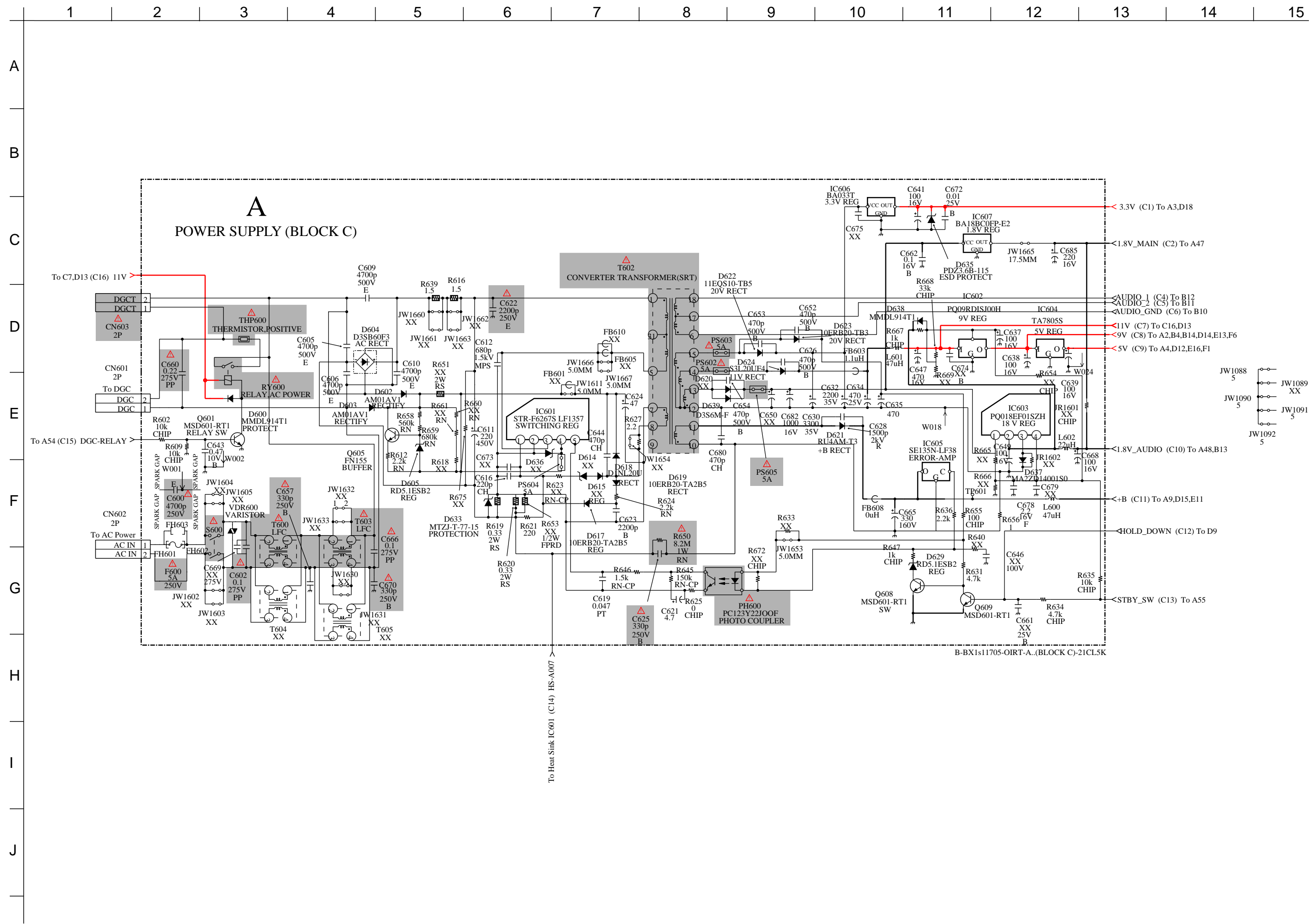
A
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B
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C
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D
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E
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F
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G
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H
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I
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J



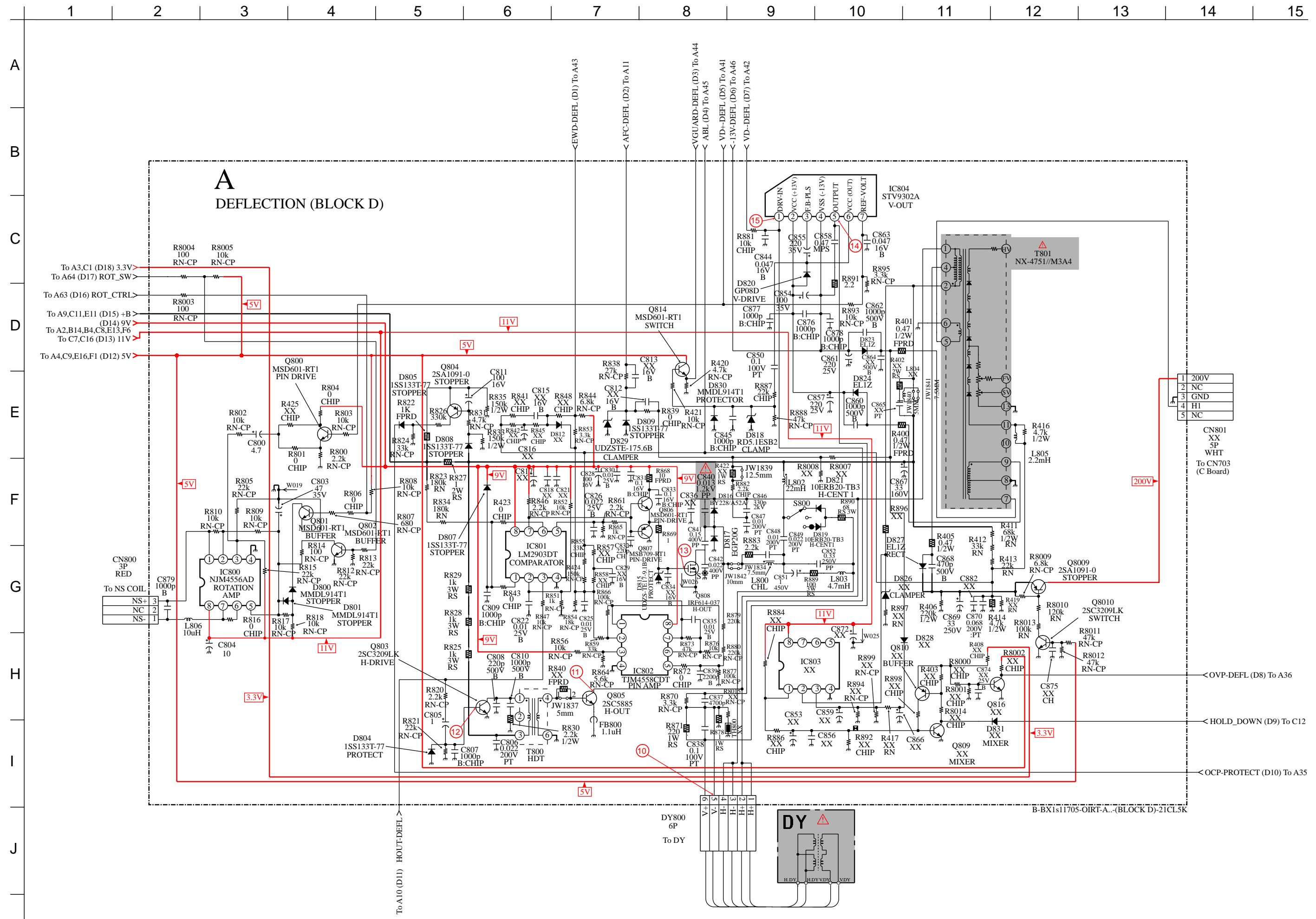
4-3-2. A Board – Audio (Block B)



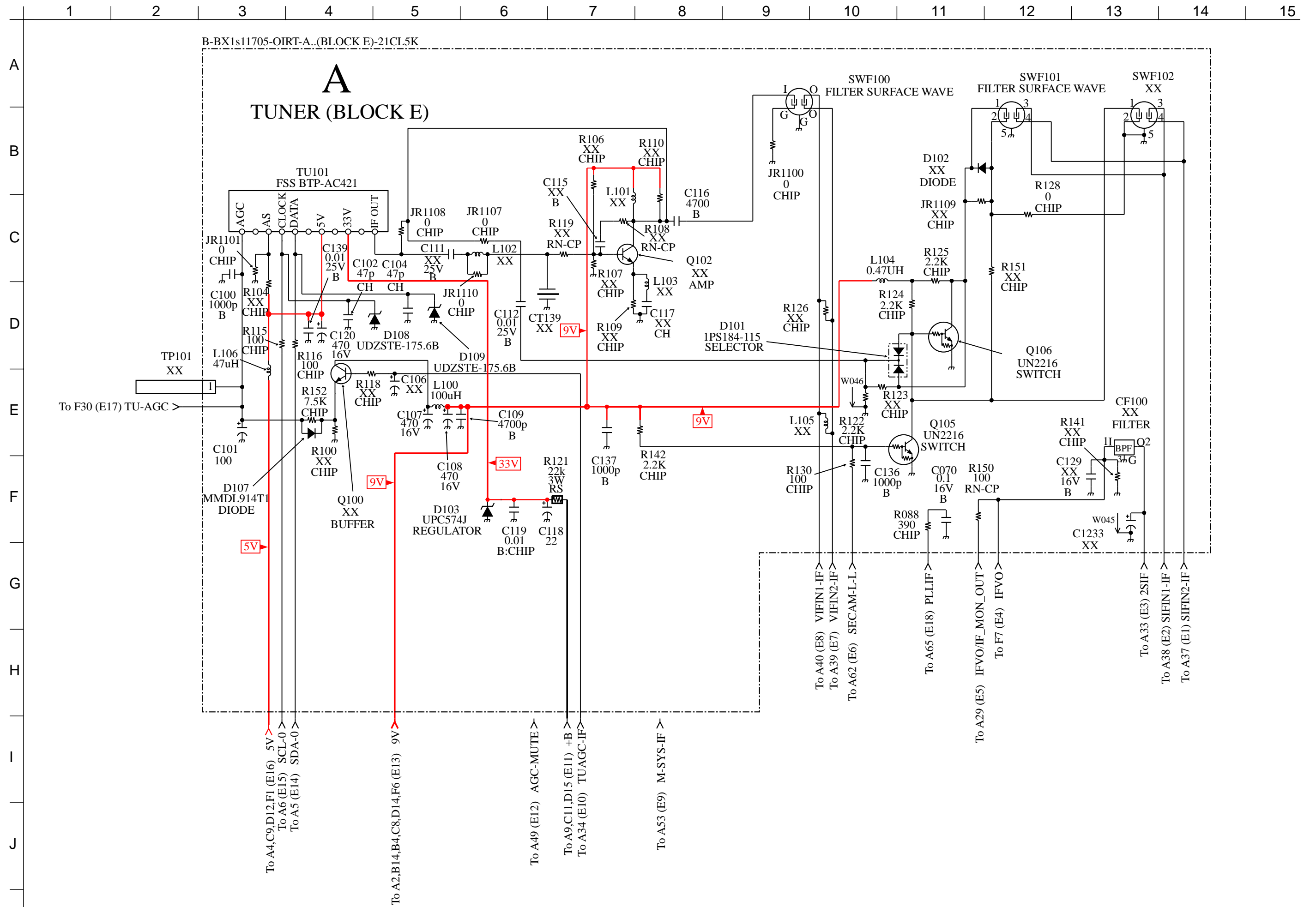
4-3-3. A Board – Power Supply (Block C)



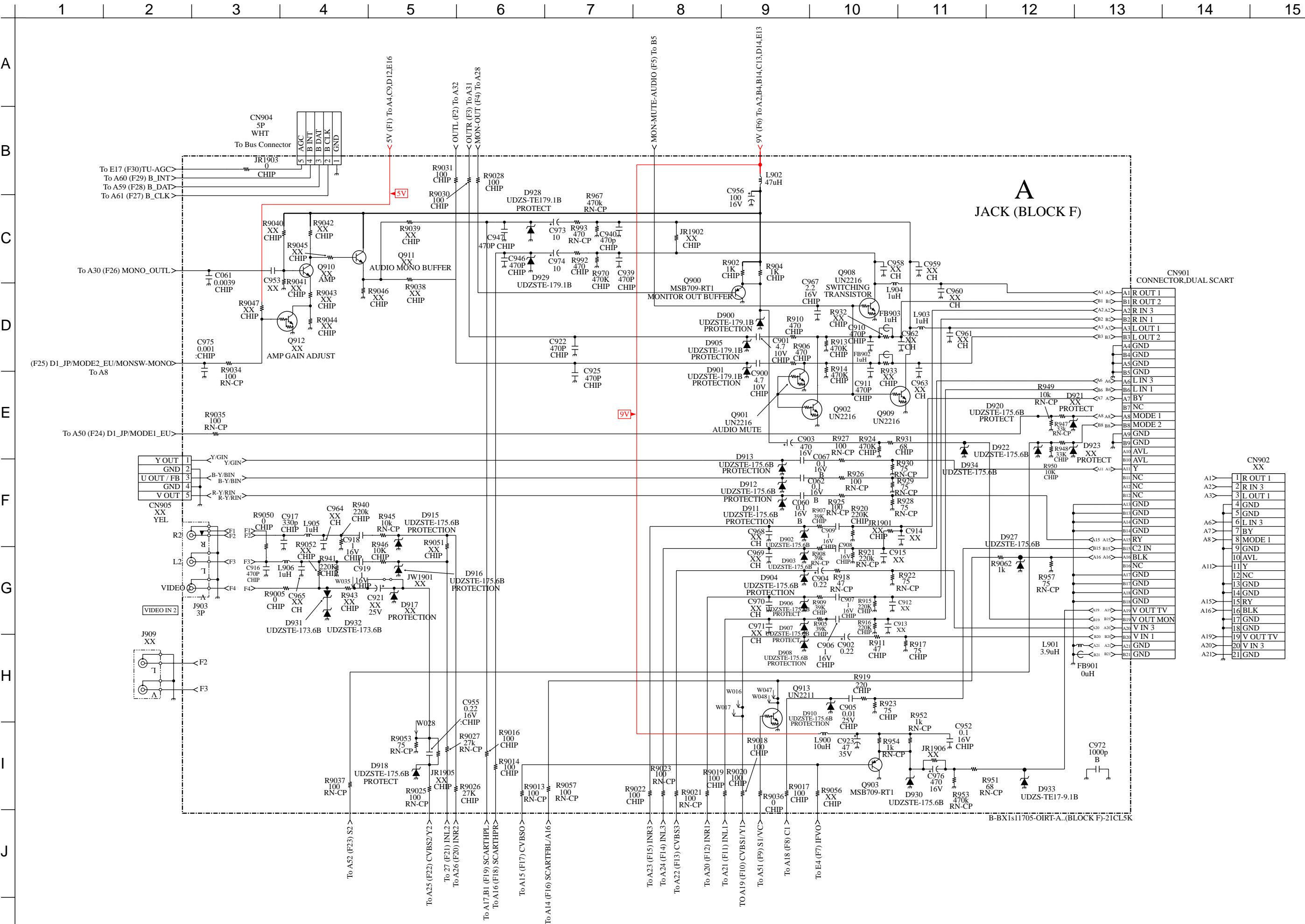
4-3-4. A Board – Deflection (Block D)



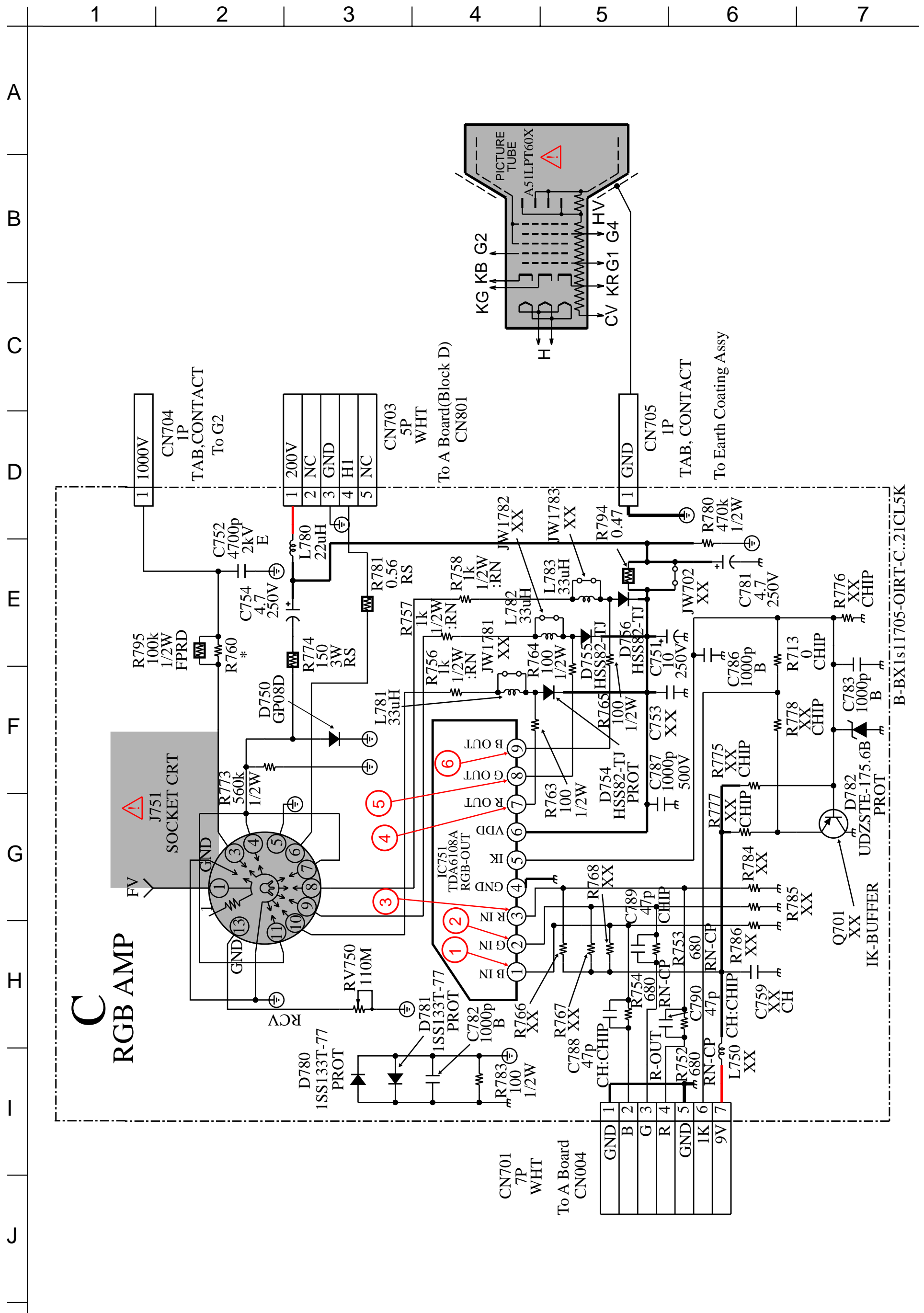
4-3-5. A Board – Tuner (Block E)



4-3-6. A Board – Jac k, Scar t Terminal (Bloc k F)


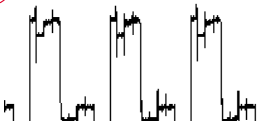



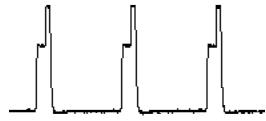

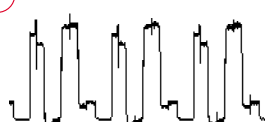


4-3-7. C Board Schematic Diagram

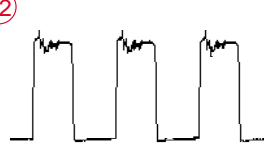
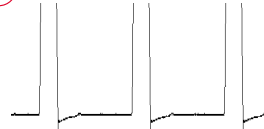



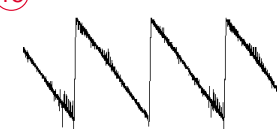




4-4. VOLTAGE MEASUREMENT AND WAVEFORM

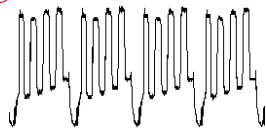
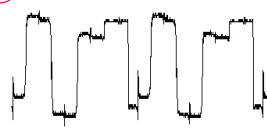
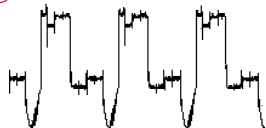
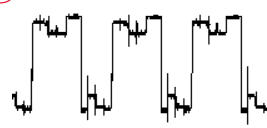
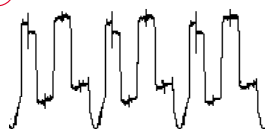
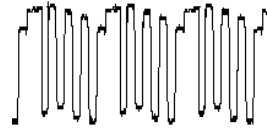
A BOARD VOLTAGE LIST AND WAVEFORM

Ref	Pin No.	Voltage[v]	Ref	Pin No.	Voltage[v]	Ref	Pin No.	Voltage[v]
IC001	1	0.01		48	0.05		86	1.5
	2	0.01		<div>④</div>  <div>2.16Vp-p</div>	<div>⑧</div>  <div>1.40Vp-p</div>			
	3	0.03						
	4	3.3						
	5	3.3		87	1.6			
	6	0.01						
	7	3.3						
	8	0						
	9	3.3						
	10	–						
	11	–						
	12	10						
	13	0.17						
	14	2.5						
	15	4.9						
	16	1.9						
	17	2.3						
	18	0.01						
	19	2.3						
	20	2.3						
	21	4.3						
	<div>①</div>  <div>1.08Vp-p</div>			49	2.2			
	22	0.05		50	2.2			
	<div>②</div>  <div>1.92Vp-p</div>			51	1.4			
	<div>③</div>  <div>2.04Vp-p</div>			52	1.6			
				53	2.2			
				54	2.2			
	IC002	24		2.0	55	1.4		
		25		2.0	56	2.2		
		26		2.4	57	2.2		
		27		2.0	58	1.4		
		28		0.05	59	1.6		
		29		0.04	60	3.2		
		30		1.9	61	3.2		
		31		2.7	62	3.4		
		32		0.55	63	3.5		
		33		0.04	64	1.3		
		34		0.04	65	3.4		
		35		2.2	66	0.5		
		36		3.1	<div>⑤</div>  <div>5.44Vp-p</div>			
		37		3.1	67	1.4		
		38		0.03	<div>⑥</div>  <div>3.12Vp-p</div>			
		39		2.4	68	0		
		40		0.01	69	4.9		
		41		2.0	70	1.3		
		42		1.9	71	1.3		
		43		2.3	72	1.3		
		44		0.03	73	2.0		
		45		8.5	74	1.8		
		46		2.3	75	0.13		
		47		4.9	76	0.01		
					77	0.01		
					78	1.3		
					79	1.3		
					80	1.3		
					81	0.03		
					82	4.9		
					83	2.9		
					84	3.2		
					85	1.6		
				<div>⑦</div>  <div>1.60Vp-p</div>				

A BOARD VOLTAGE LIST AND WAVEFORM

Ref	Pin No.	Voltage[v]	Ref	Pin No.	Voltage[v]	Ref	Pin No.	Voltage[v]		
IC200	1	0.01	PH600	6	14.0	Q803	B	0.05		
	2	(-0.01)[0]		7	0.44		<div><div>⑫</div></div>			
	3	22.6		1	19.1					
	4	0		2	18.0					
	5	(-0.01)[0]		3	0.05					
	6	(0.01)[0.02]		4	2.6					
	7	11.2	Q001	B	0.02	Q805		C	55.4	
	8	0.8		C	0.02		E	0.01		
	9	0		E	2.8		<div><div>⑪</div></div>			
	10	23.8	Q006	B	3.3			B	-0.08	
	11	10.4		C	2.1			C	135.4	
	12	11.1		E	2.0		<div><div>⑬</div></div>			
IC601	1	0.56	Q007	B	0.01	E		0.02		
	2	0.05		C	3.3	Q806		B	6.0	
	3	286.6		E	0.34			C	8.9	
	4	19.3	Q008	B	-0.44			E	5.6	
	5	2.88		C	0.02	Q807		B	6.0	
IC602	I	14.2		E	0		C	0		
	G	-0.01	Q009	B	0		E	5.6		
	O	8.9		C	2.2	S	0.01			
IC604	I	8.9		E	0	Q808	<div><div>⑩</div></div>			
	G	-0.01	Q012	B	0.63			Q806	B	6.0
	O	4.9		C	0.03				C	8.9
IC800	1	3.8		E	0	Q807			E	5.6
	2	7.1	Q013	B	0.04			Q808	B	6.0
	3	7.1		C	1.8				C	0
	4	-0.01		E	0	E	5.6			
	5	10.4	Q100	B	2.7	<div><div>⑬</div></div>				
	6	10.2		C	8.9		Q814	B	0.04	
	7	10.2		E	2.1			C	4.9	
	8	14.2	Q105	B	0.03			E	0.22	
IC801	1	2.2		C	4.1		Q900	B	1.3	
	2	0.83		E	4.8			C	0	
	3	1.5	Q106	B	0.03	E		2.0		
	4	0		C	4.8	Q901	B	0.24		
	5	2.8		E	0.01		C	0.03		
	6	2.3	Q200	B	1.9		E	0.01		
	7	6.0		C	0.07	Q902	B	0.24		
	8	9.0		E	-0.01		C	0.01		
IC802	1	1.8	Q201	B	23.0		E	0.01		
	2	3.2		C	24.0	Q903	B	4.3		
	3	3.2		E	24.0		C	1.4		
	4	0	Q202	B	8.9		E	4.9		
	5	2.2		C	0.66	Q908	B	0.24		
	6	2.2		E	8.8		C	1.1		
	7	4.1	Q204	B	0		E	0.02		
	8	8.9		C	8.9	Q909	B	0.25		
IC803	1	0.02		E	0.04		C	1.1		
	2	0	Q205	B	0.01		E	0.01		
	3	0.01		C	0.02	Q910	B	0.01		
	4	0.01		E	0.02		C	0.01		
	5	0.02	Q601	B	0.04		E	0		
	6	0		C	14.2	Q912	B	0.37		
	7	-0.01		E	0		C	0.02		
	8	0.01	Q608	B	0.1		E	0		
IC804	1	0.43		C	15.5	Q9010	B	0.58		
	<div><div>⑮</div></div>	Q609		B	0.66		C	0.12		
			C	0.01	E		0.01			
			E	0	Q801	B	0.08			
		2	13.6	Q800		C	11.0	<div><div>⑩</div></div>		
	3	-12.0	E			0.07	Q802		B	0.05
	4	-13.5	Q801		B	10.4				
	5	0.16		C	0					
	<div><div>⑭</div></div>	Q802		B	0.05	Q802	C	10.4		
			C	10.4	E		0			
			E	0						

C BOARD VOLTAGE LIST AND WAVEFORM

Ref	Pin No.	Voltage[v]	Ref	Pin No.	Voltage[v]
IC751	1	1.7		7	139.2
	<div>①</div>  <div>1.56Vp-p</div>			<div>④</div>  <div>108.0Vp-p</div>	
	2	1.6		8	149.0
	<div>②</div>  <div>1.66Vp-p</div>			<div>⑤</div>  <div>98.0Vp-p</div>	
	3	1.7		9	138.4
	<div>③</div>  <div>1.64Vp-p</div>			<div>⑥</div>  <div>98.0Vp-p</div>	
	4	0			
J751	5	4.2		5	0
	6	197.7		6	0
				8	138.2
				9	150.0
			10	140.0	