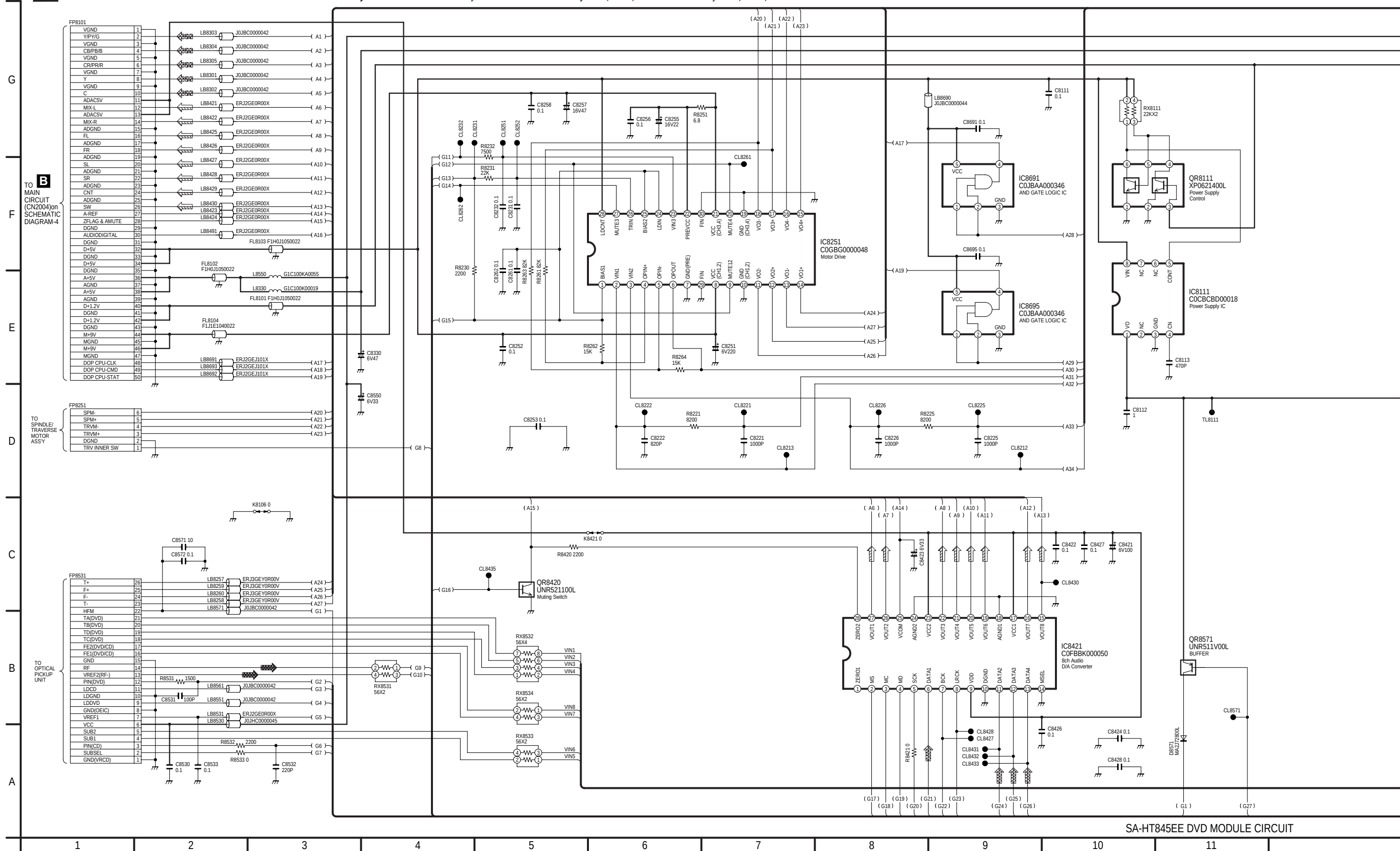


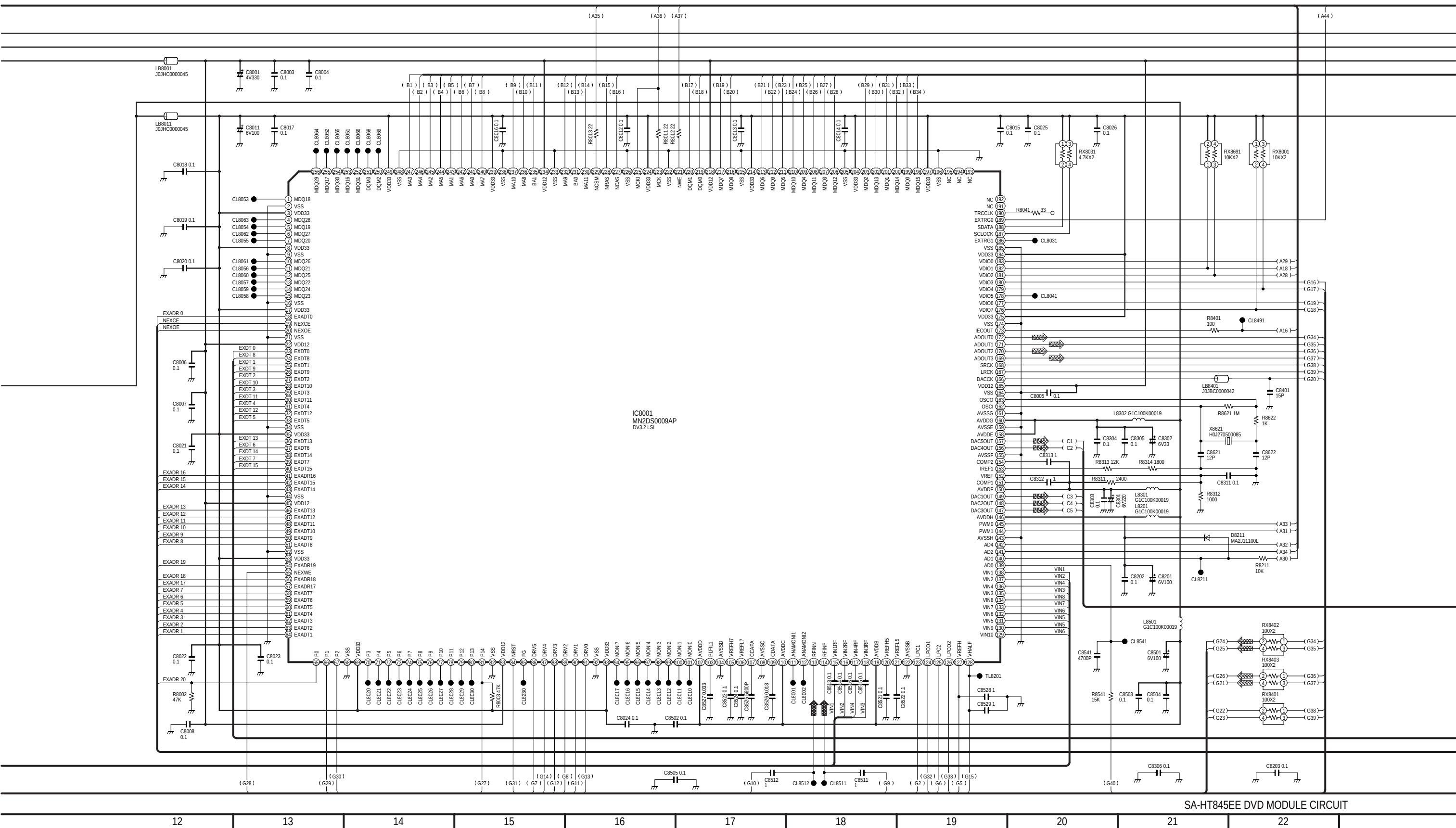
A

DVD MODULE CIRCUIT

— :+B SIGNAL LINE :CD-DA SIGNAL LINE :MAIN SIGNAL LINE :DVD(VIDEO) SIGNAL LINE :DVD(AUDIO) SIGNAL LINE



A DVD MODULE CIRCUIT

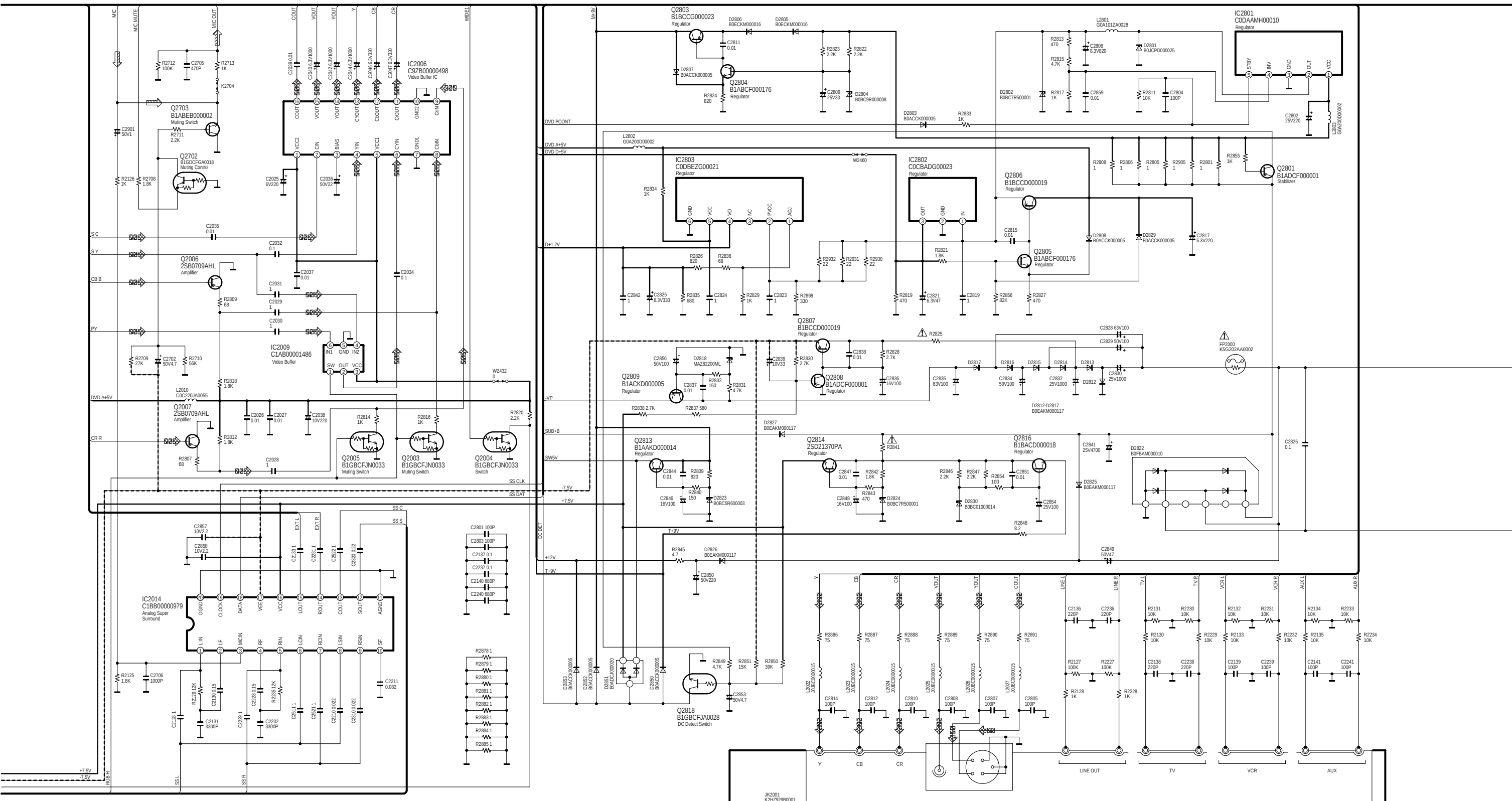


A DVD MODULE CIRCUIT

 :DVD(VIDEO) SIGNAL LINE

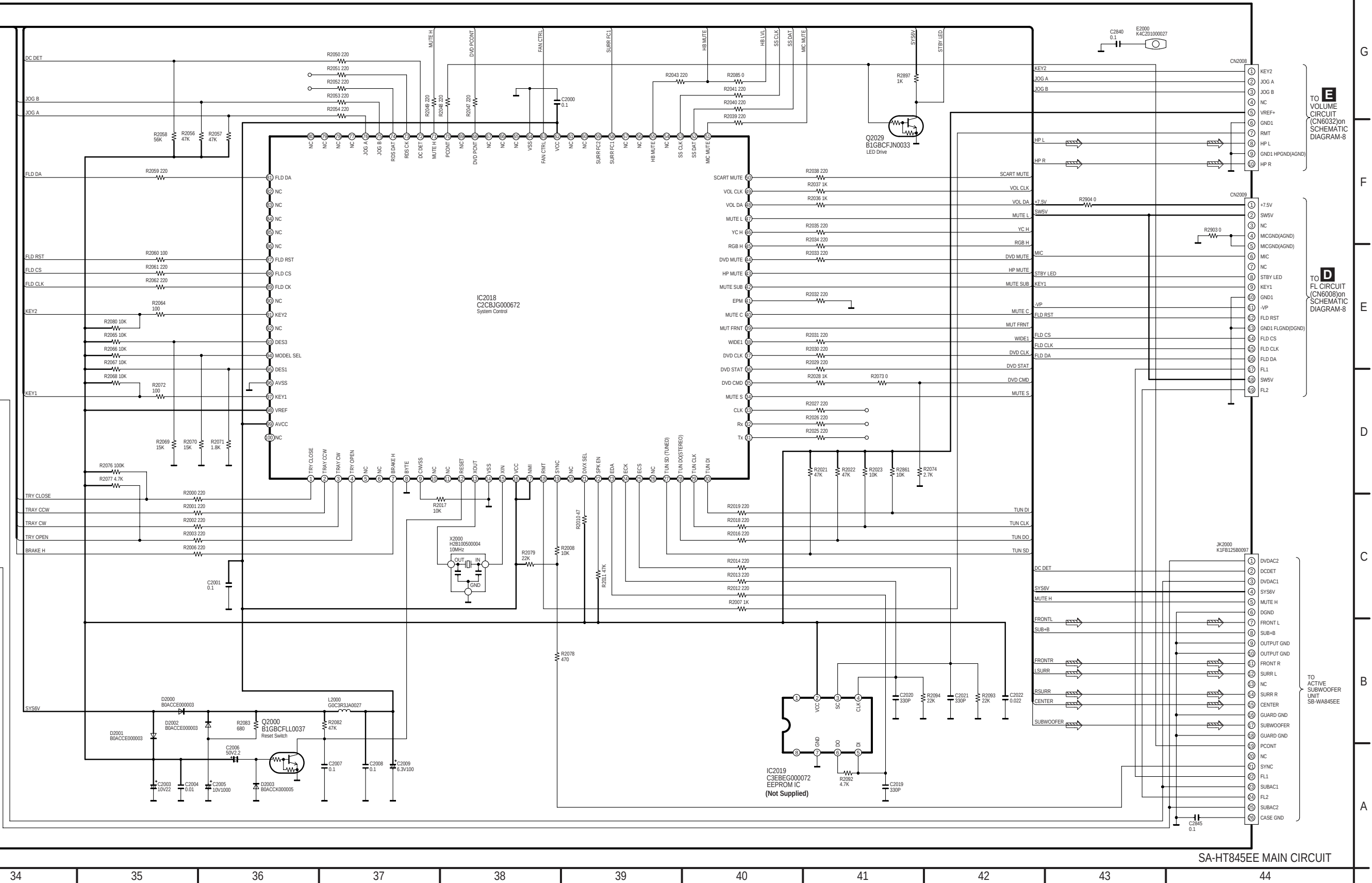




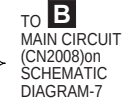
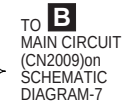


B MAIN CIRCUIT

— :+B SIGNAL LINE ➡ :MAIN SIGNAL LINE

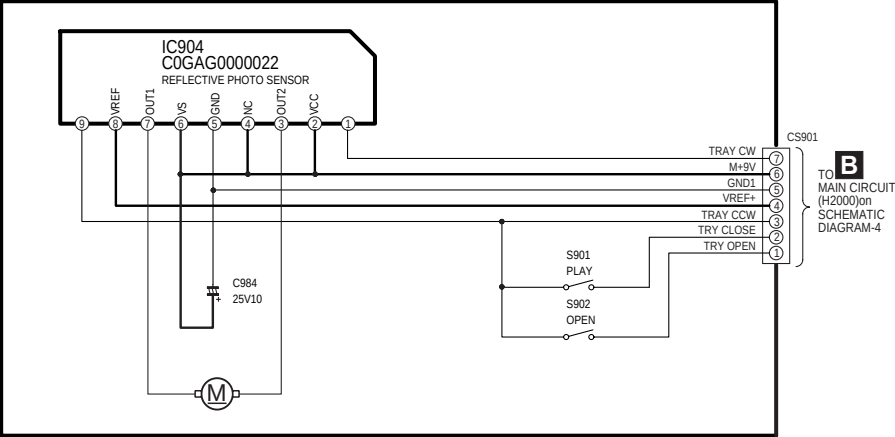


SA-HT845EE MAIN CIRCUIT



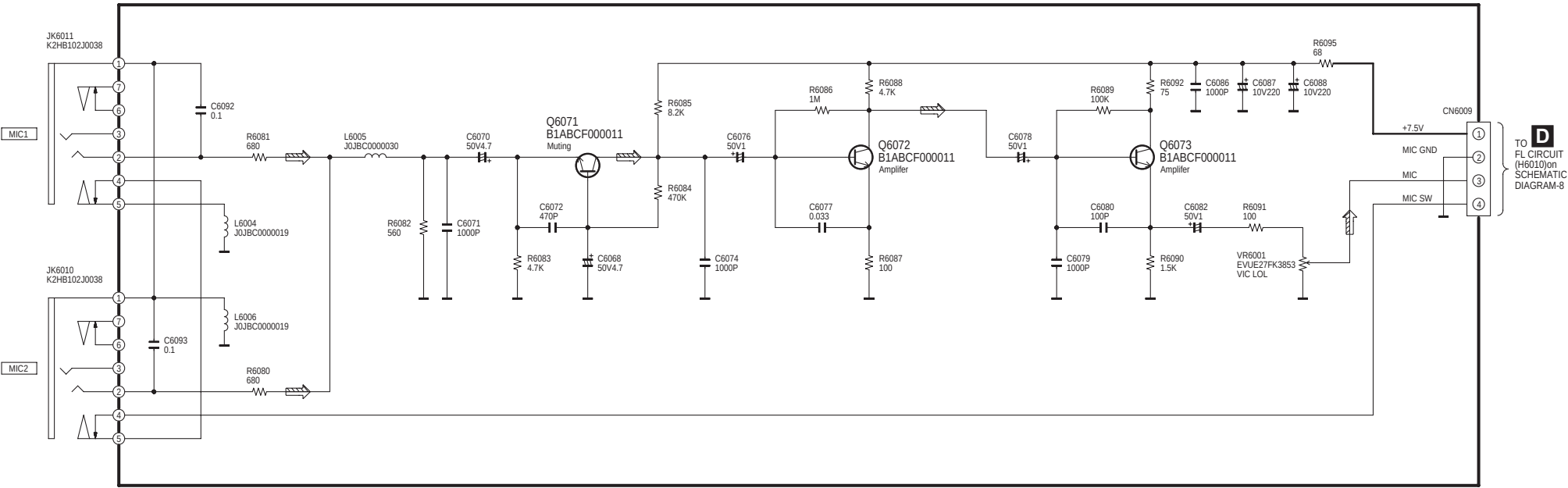
F

TRAY LOADING CIRCUIT



G

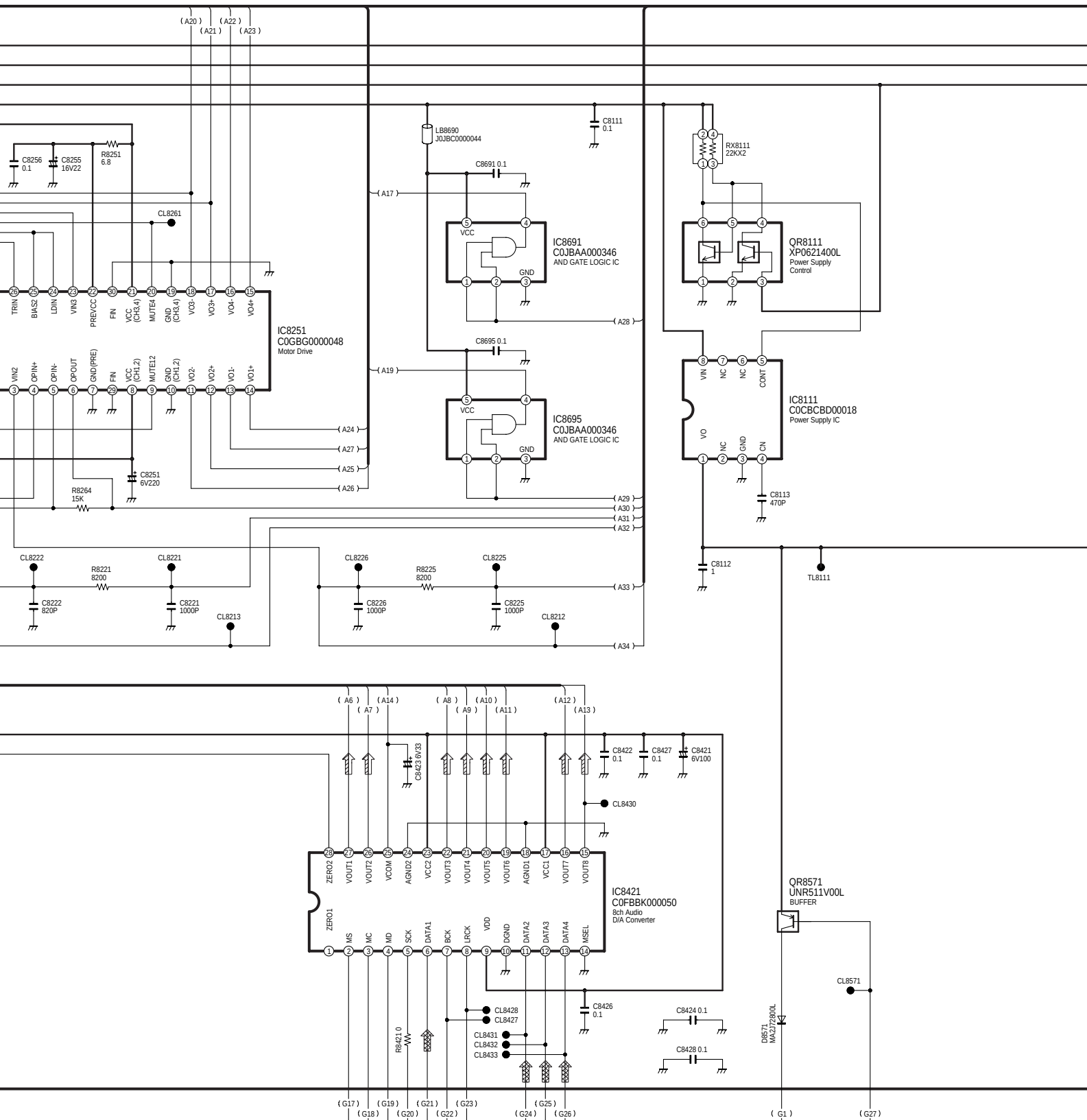
MIC CIRCUIT



A DVD MODULE CIRCUIT



VIDEO SIGNAL LINE DVD(AUDIO) SIGNAL LINE



SA-HT845EE DVD MODULE CIRCUIT

A

— :+B SIGNAL LINE :CD-DA SIGNAL LINE :DVD(V) SIGNAL LINE :DVD(A) SIGNAL LINE

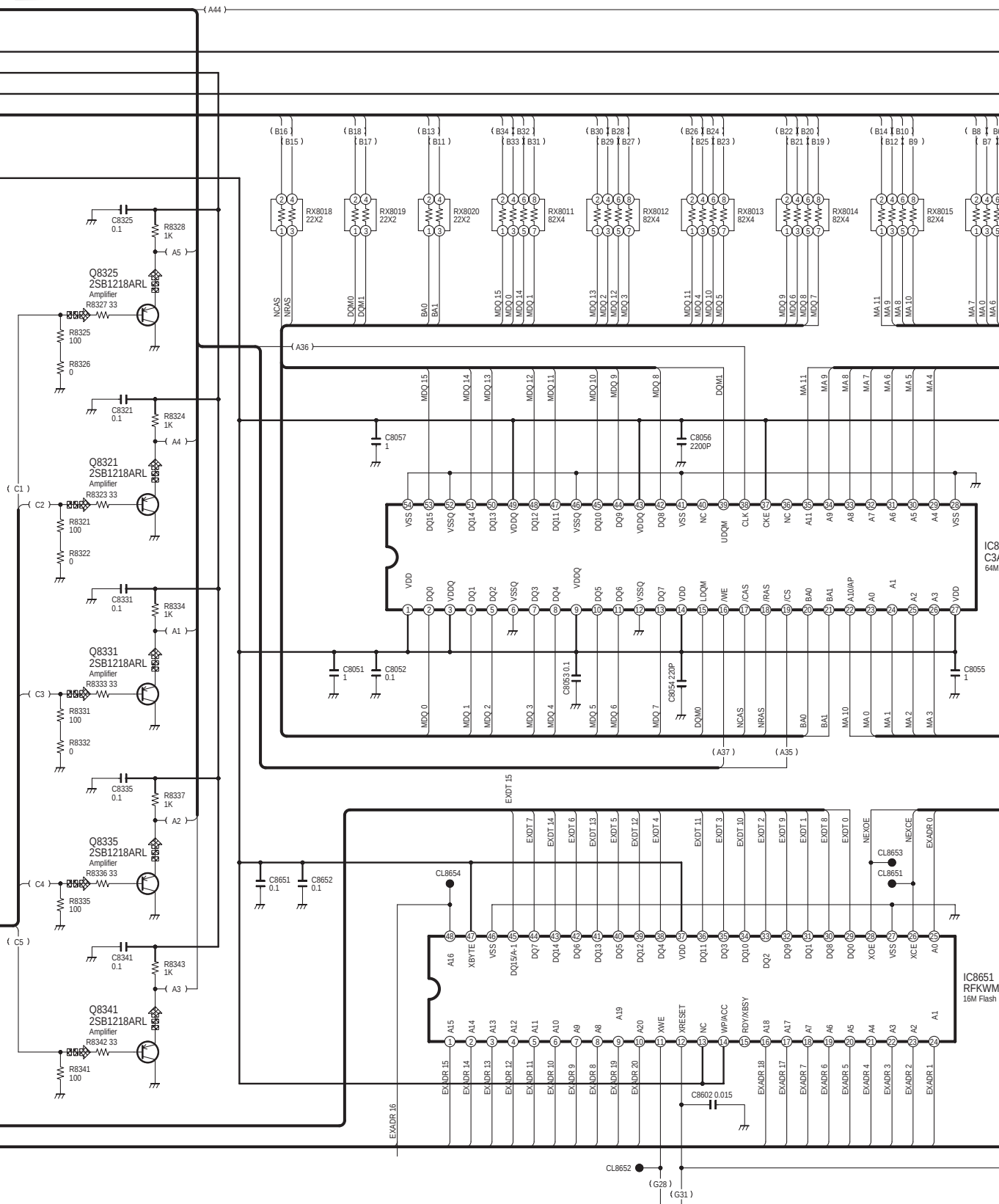


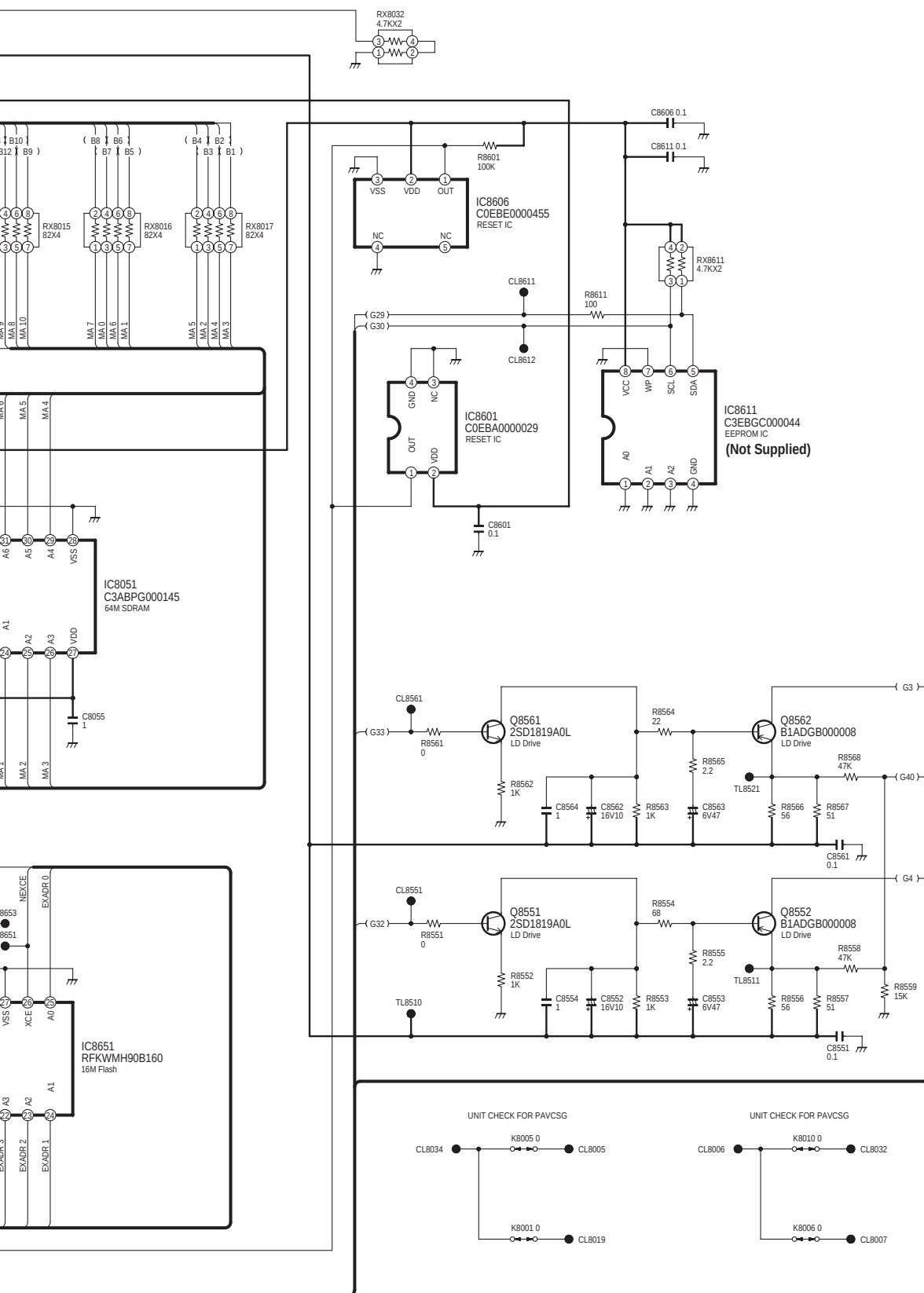
17	18	19	20	21	22
----	----	----	----	----	----

A

— :+B SIGNAL LINE

 :DVD(VIDEO) SIGNAL LINE





SA-HT845EE DVD MODULE CIRCUIT

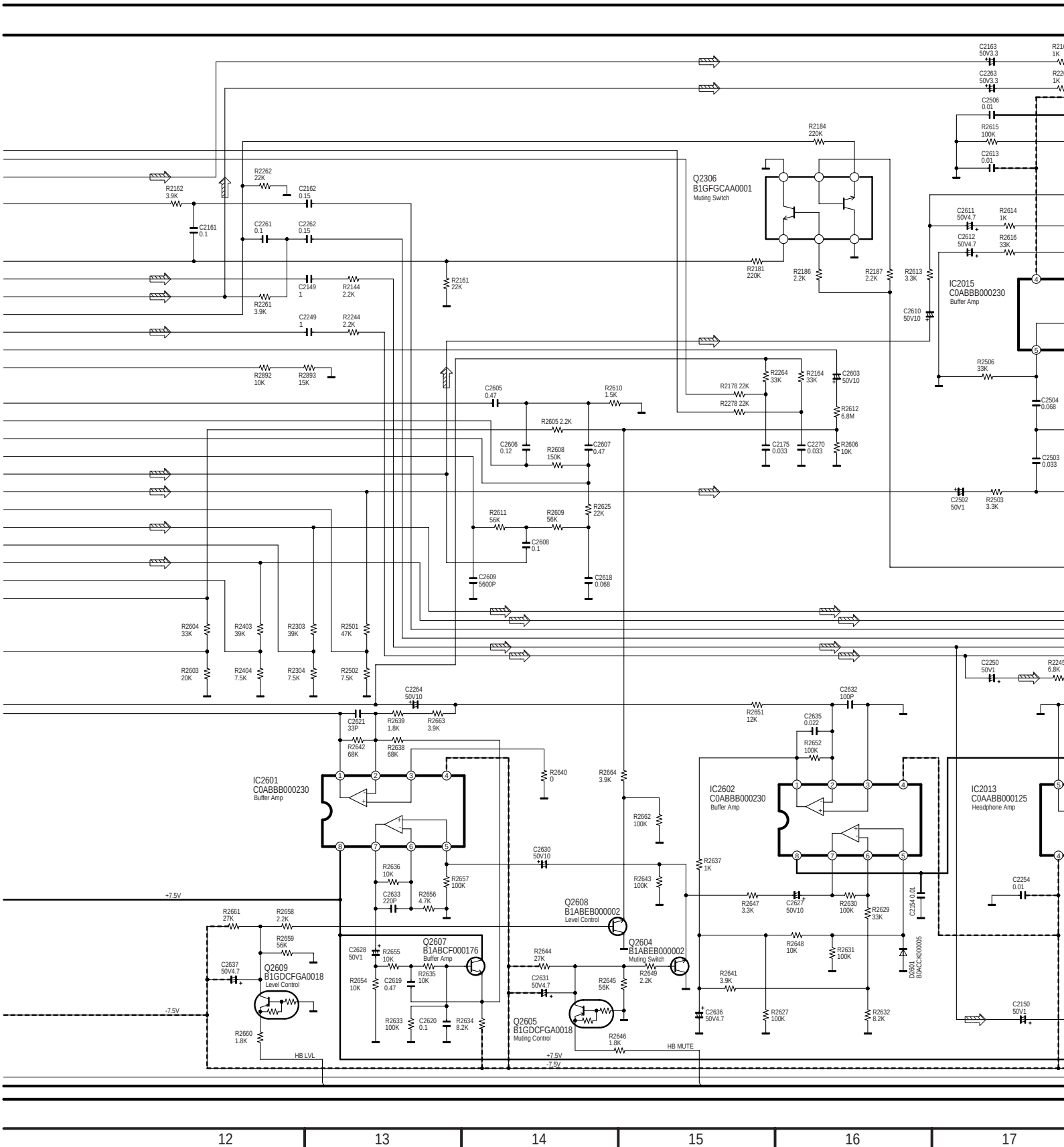
B MAIN CIRCUIT



SCHEMATIC DIAGRAM-5

B MAIN CIRCUIT

— :+B SIGNAL LINE - - - :B SIGNAL LINE ⇨ :MAIN SIGNAL LINE

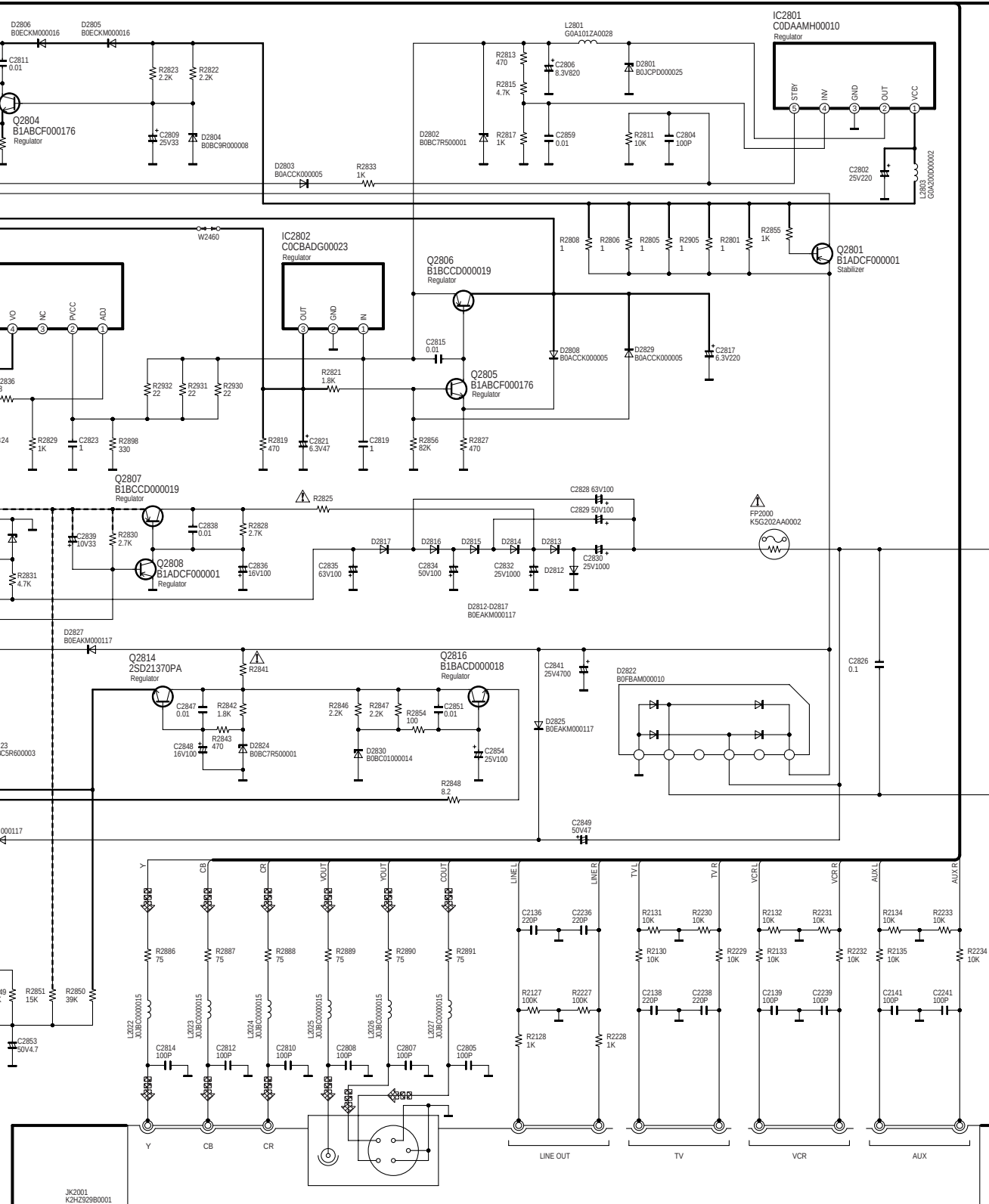




B MAIN CIRCUIT

 :DVD(VIDEO) SIGNAL LINE





SA-HT845EE MAIN CIRCUIT

B MAIN CIRCUIT

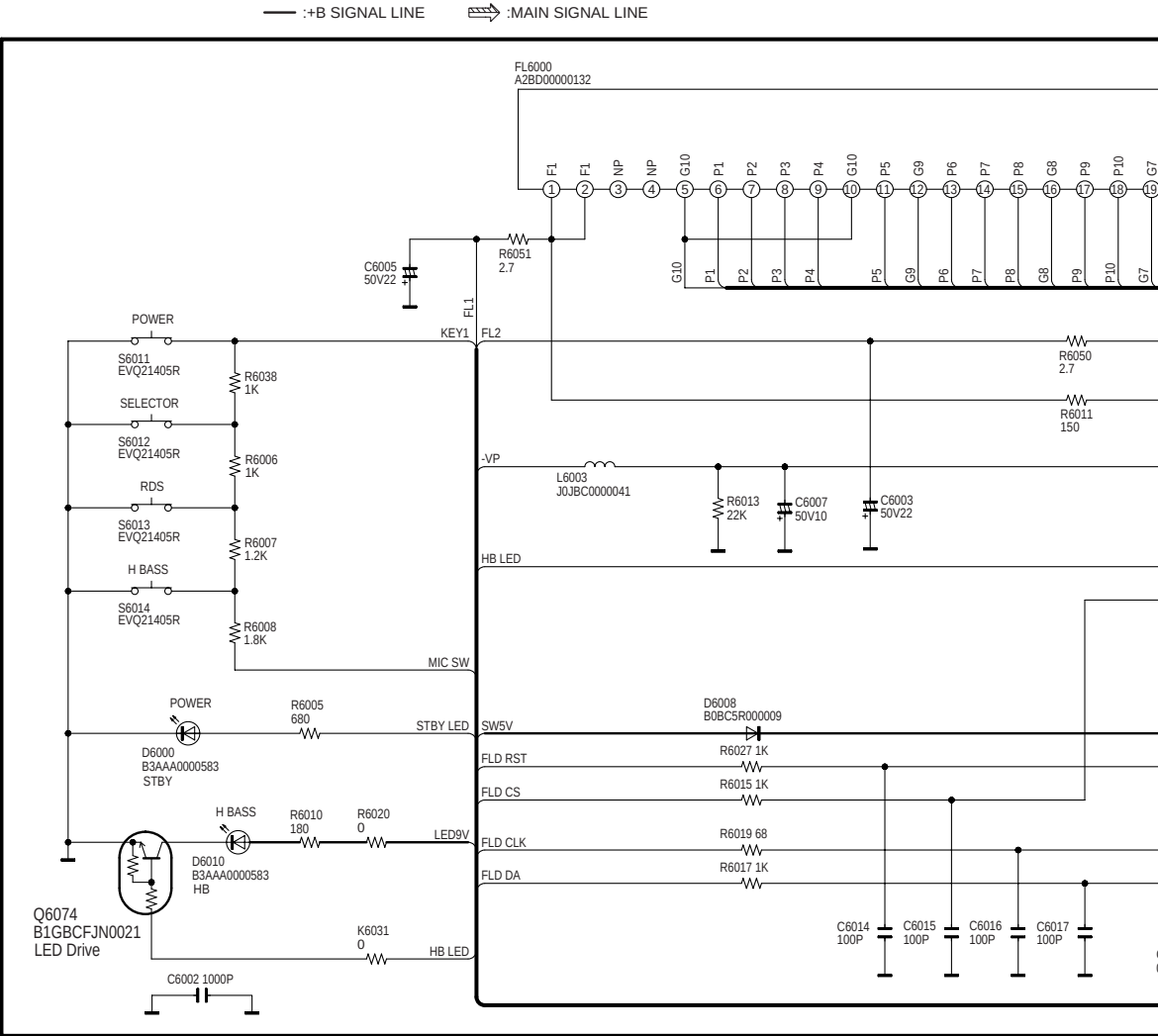
 :MAIN SIGNAL LINE



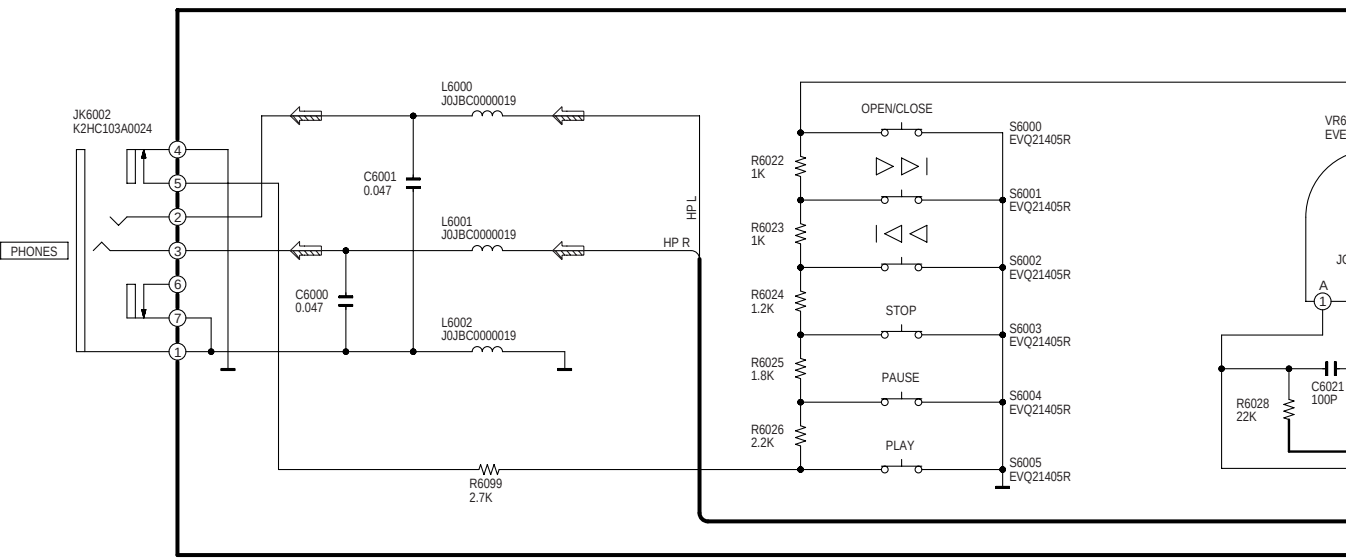


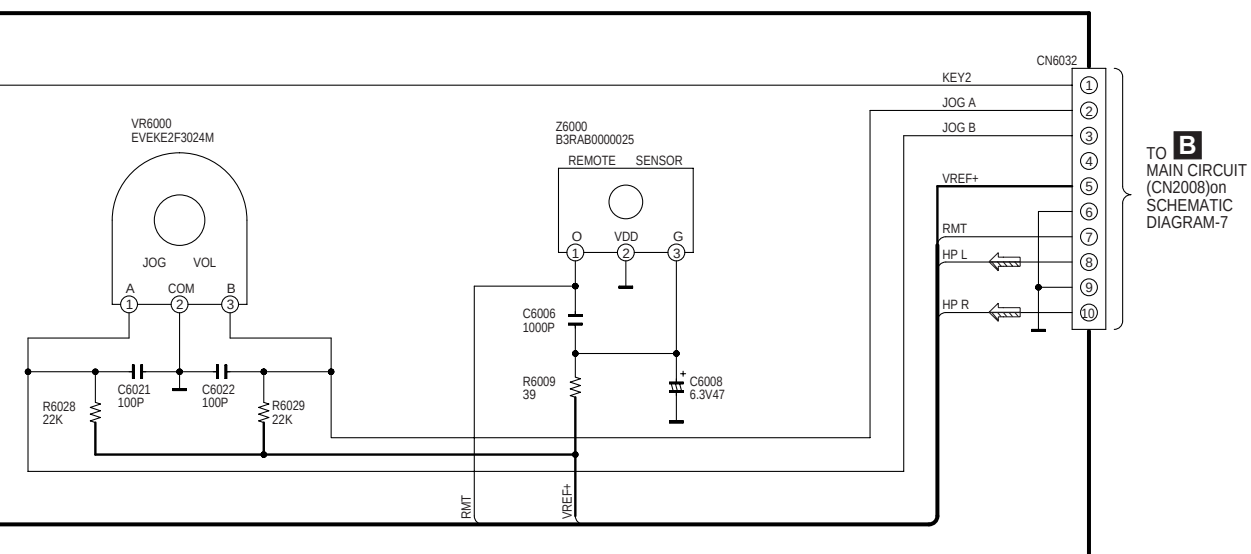
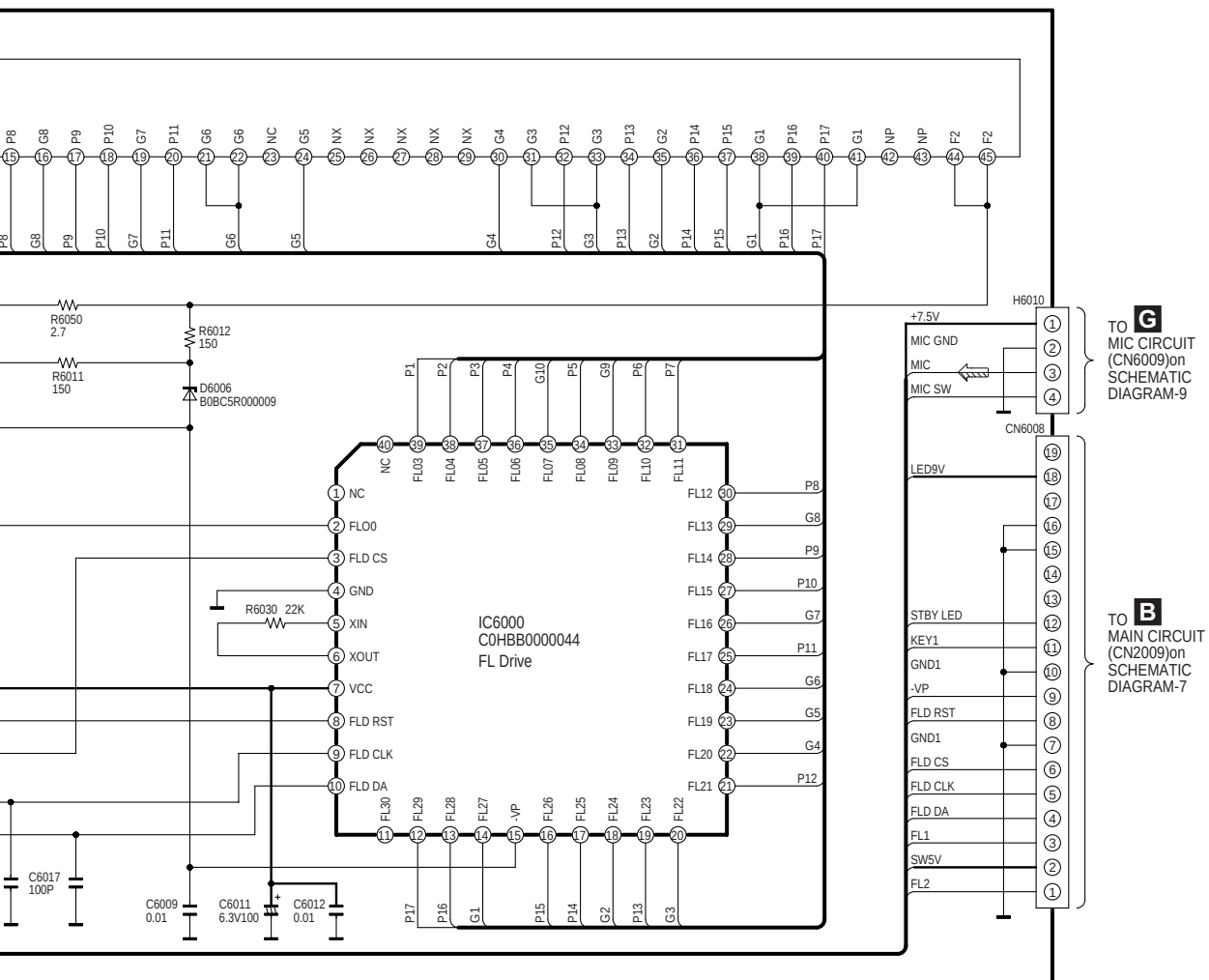
SCHEMATIC DIAGRAM-8

D FL CIRCUIT



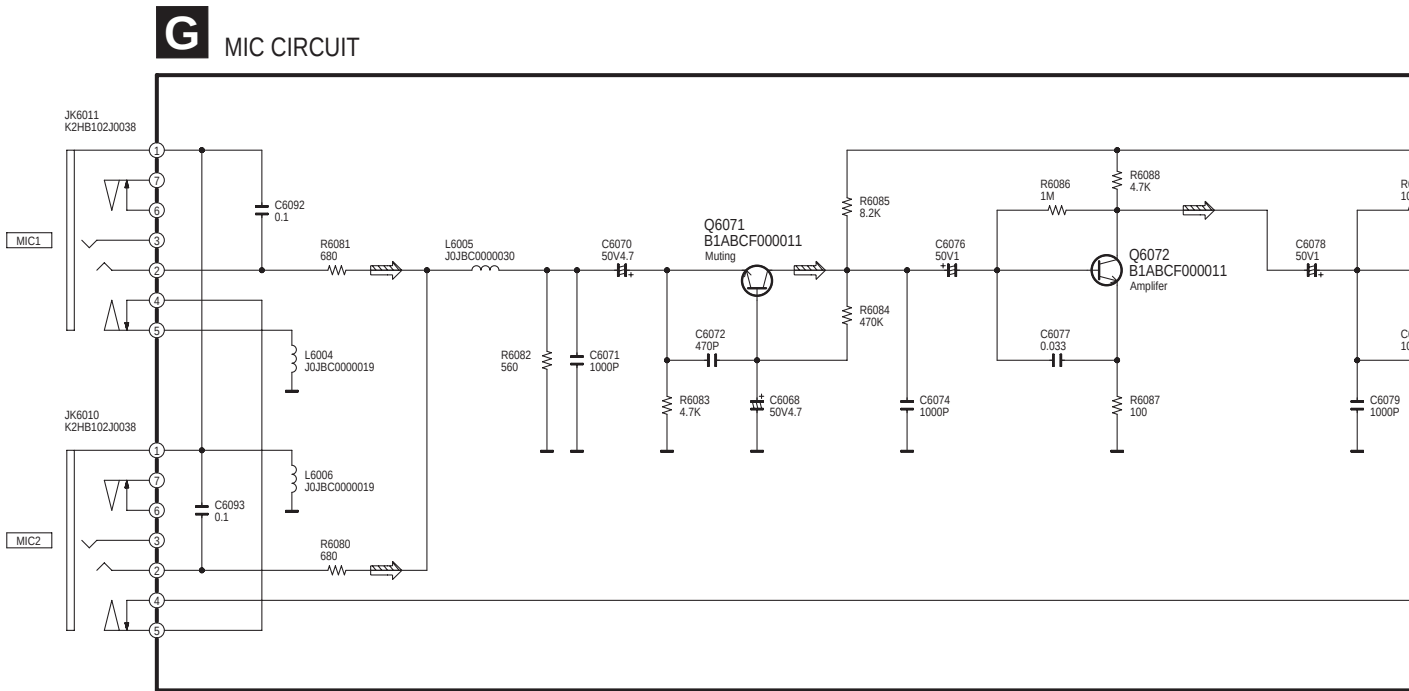
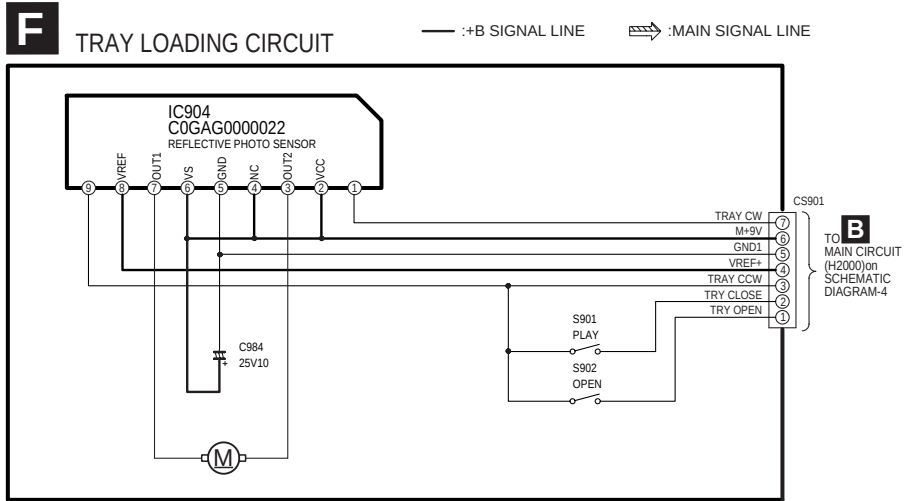
E VOLUME CIRCUIT

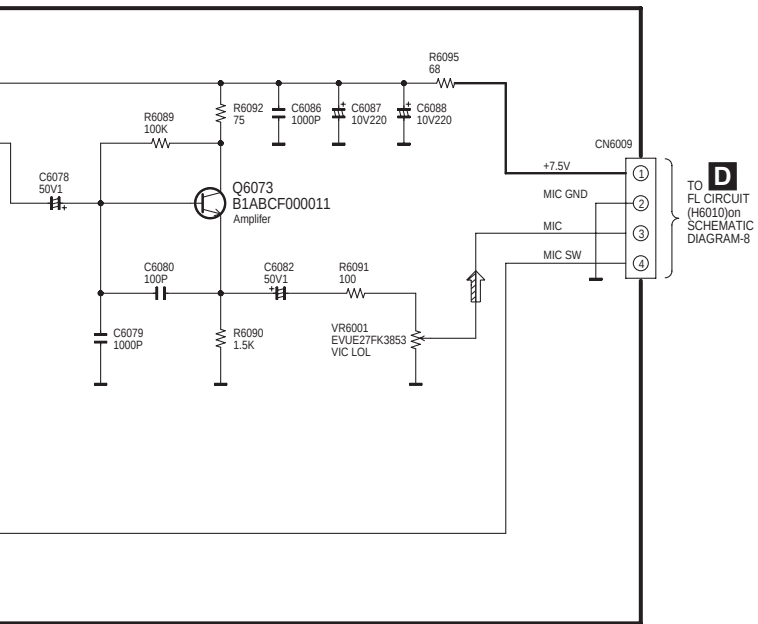




SA-HT845EE FL/VOLUME CIRCUIT

SCHEMATIC DIAGRAM-9





SA-HT845EE TRAY LOADING/MIC CIRCUIT

FL P.C.B.

RefNo.	IC6000																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	-22.2	-10.2	1.7	0	1.8	1.8	4.2	4.6	3.5	0.4	-22.2	-22.2	-22.2	-19.9	-22.3	-19.9	-17.4	-19.9	-19.8	-19.9
STANDBY	0	0	0	0	0.6	0.6	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0
RefNo.	IC6000																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
CD PLAY	-10.3	-19.9	-19.9	-19.9	-22.2	-19.9	-22.3	-22.3	-19.9	-19.9	-17.5	-22.3	-19.9	-19.8	-19.9	-22.3	-15.0	-12.7	-12.7	-22.3
STANDBY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RefNo.	Q6074																			
MODE	E	C	B																	
CD PLAY	0	8.1	-10.3																	
STANDBY	0	2.1	0																	

MIC P.C.B.

RefNo.	Q6071				Q6072				Q6073											
MODE	E	C	B		E	C	B		E	C	B									
CD PLAY	2.0	3.3	2.5		0.1	3.3	0.7		4.9	6.7	5.5									
STANDBY	0	0.4	0.4		0	0.4	0.4		0	0.4	0.4									

Tray Loading P.C.B.

RefNo.	IC904																			
MODE	1	2	3	4	5	6	7	8	9											
CD PLAY	4.7	8.0	0.6	8.0	0.1	8.0	0.6	2.7	4.7											
STANDBY	0	1.8	0.8	1.8	0	2.1	0.9	4.9	0											

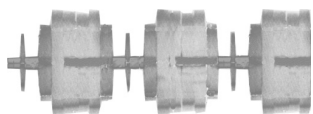
Scart P.C.B.

RefNo.	IC1001																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	4.8	2.2	4.8	1.6	0	1.6	2.4	0	-	0	-	1.3	4.8	0	0	2.5	0	2.8	2.8	0
STANDBY	0	0	0	0	0	0	0	0	0	0	-	-0.2	0	0.2	0	0.2	0	0.2	0.2	0
RefNo.	IC1001																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34						
CD PLAY	3.4	3.3	0	3.4	3.4	0	1.7	1.7	0	1.6	1.5	0	2.2	4.8						
STANDBY	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
RefNo.	IC1003																			
MODE	1	2	3	4	5	6														
CD PLAY	0	2.4	4.8	2.4	0	2.4														
STANDBY	0	0.1	0	0	0	-0.1														
RefNo.	Q1001				Q1004				Q1005				Q1006				Q1007			
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
CD PLAY	1.1	0	0.4		0	12.6	0		12.0	13.0	12.6		0	0.1	4.8		12.0	12.0	0.1	
STANDBY	0	0	0		0	12.6	0		12.3	12.7	12.7		0	12.2	0		12.3	-	12.3	
RefNo.	Q1008				Q1010				Q1101				Q1201							
MODE	1	2	3	4	5	6			E	C	B		E	C	B		E	C	B	
CD PLAY	4.8	4.7	4.8	0	0	0			0.4	0	1.1		0	0	-4.6		0	0	-4.6	
STANDBY	0	0	0	0	0	0			12.7	13.1	13.1		0	0	0.1		0	0	0.1	

RefNo.	IC2006																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				
CD PLAY	4.7	2.2	2.4	1.6	4.7	1.6	0	2.2	2.2	0	2.2	2.2	1.6	1.6	1.6	2.2				
STANDBY	0	0	0	0	0	0	0	0.2	0.1	0	0	0	0	0	0	0				
RefNo.	IC2009								IC2010											
MODE	1	2	3	4	5	6				1	2	3	4	5	6	7	8			
CD PLAY	0	1.4	4.7	2.1	0	2.1				0	0	0	-6.8	0	0	0	7.0			
STANDBY	0	0	0	0.2	0	0.2				0.5	0.5	0	0.2	0	0.5	0.5	0.3			
RefNo.	IC2011																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	0	0	0	-	-	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0
STANDBY	0	0	0	0.2	0.2	0	0	0	0.2	0	0.4	0	0.2	0	0.1	0	0	0	0	0
RefNo.	IC2011																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
CD PLAY	0	0	0	0	0	0	0	0	0	0	0	0	-6.8	2.1	0	0	0	0	0	0
STANDBY	0	0	0	0	0	0	0	0	0.4	0.2	0.1	0.1	0	0.2	0.1	0	0.1	0	0	0.1
RefNo.	IC2011																			
MODE	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
CD PLAY	0	-6.9	7.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STANDBY	0	0.2	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0.2	0.2	0	0
RefNo.	IC2011																			
MODE	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
CD PLAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STANDBY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RefNo.	IC2013																			
MODE	1	2	3	4	5	6	7	8												
CD PLAY	0	0	0	-6.8	0	0	0	7.0												
STANDBY	0.6	0.5	0	0.2	0	0.6	0.6	0.3												
RefNo.	IC2014																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.0	-6.8	0	0	0
STANDBY	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0.1	0.3	0.2	0	0	0
RefNo.	IC2015																			
MODE	1	2	3	4	5	6	7	8												
CD PLAY	0	0	0	-6.8	0	0	0	7.0												
STANDBY	0.5	0.4	0	0.2	0	0	0	0.3												
RefNo.	IC2016																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14						
CD PLAY	0	0	0	7.0	0	0	0	0	0	0	-6.8	0	0	0						
STANDBY	0	0	0	0.5	0	0	0	0	0	0	0.2	0	0	0						
RefNo.	IC2018																			
MODE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CD PLAY	0.1	4.7	4.7	4.7	0	0	4.6	0	0	0	0	4.7	2.4	0	2.3	4.7	4.7	4.7	2.1	0
STANDBY	0	0	0	0.1	0	0	0	0	0	0	0	4.9	2.5	0	2.4	4.9	4.9	4.8	2.7	0
RefNo.	IC2018																			
MODE	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
CD PLAY	0	4.7	0	0	0	0	4.7	4.7	4.7	4.7	0	0	0	4.6	0	4.0	4.4	4.6	0	4.6
STANDBY	0	4.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0.1	0.1	0	0	0
RefNo.	IC2018																			
MODE	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
CD PLAY	0	4.6	0	0.1	0	0	0	0	0	0	4.7	0	0	0	4.6	4.6	4.6	4.5	4.7	0
STANDBY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RefNo.	IC2018																			
MODE	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
CD PLAY	0	4.7	4.7	0	0	0	0	4.6	0	4.4	4.7	4.7	2.5	0	0	0	0	0	0	0
STANDBY	0	4.9	0	0	0	0	0	0	0	0	0	0.7	0	0	0	0	0	0	0	0
RefNo.	IC2018																			
MODE	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
CD PLAY	0	0	0	4.7	0	0	4.7	0	0	0	4.7	0	0.7	1.2	0.4	0	1.6	4.8	4.7	4.7
STANDBY	0	0	0	0	0	0	0	0	0	0	4.8	0	0.7	1.2	0.4	0	1.6	4.9	4.9	0
RefNo.	IC2019																			
MODE	1	2	3	4	5	6	7	8												
CD PLAY	-	4.8	0	0	0	0	0	-												
STANDBY	-	4.9	0	0	0	0	0	-												
RefNo.	IC2601								IC2602											
MODE	1	2	3	4	5	6	7	8		1	2	3	4	5	6	7	8			
CD PLAY	0.7	0	0	-6.8	0	0	0	7.0		0	0	0	-6.8	0	0	0	7.0			
STANDBY	0	0.1	0	0.2	0	0	0	0.3		0	0.1	0	0.2	0	0	0	0.3			
RefNo.	IC2801				IC2802				IC2803				IC2803							
MODE	1	2	3	4	5			1	2	3			1	2	3	4	5			
CD PLAY	16.1	6.1	0	1.0	3.7			6.1	0	5.0			0.8	3.0	0	1.4	5.0			
STANDBY	0.5	0	0	0	0			0	0	0			0	0	0	0	0			
RefNo.	Q2000			Q2003			Q2004			Q2005			Q2006							
MODE	E	C	B		E	C	B		E	C	B		E	C	B		E	C	B	
CD PLAY	0	4.6	0		0	2.2	0		0	0	4.5		0	2.2	0		1.1	0	0.5	
STANDBY	0	4.9	0		0	0.1	0		0	0	0		0	0.1	0		0	0	0	
RefNo.	Q2007			Q2026			Q2028			Q2029										
MODE	E	C	B		E	C	B		E	C	B		E	C	B					
CD PLAY	1.1	0	0.5		0	-4.6	0		0.1	0.1	3.9		0	0.1	3.4					
STANDBY	0	0	0		0	0.1	0		0	0	0		0	3.3	0					
RefNo.	Q2030				Q2100								Q2102							
MODE	E	C	B		1	2	3	4		5	6		1	2	3	4		5	6	
CD PLAY	0.1	0.1	4.5		0	-4.6	0	0		-4.6	0		0	-4.6	0	0		-4.6	0	
STANDBY	0	4.9	0		0	0.1	0	0		0.1	0		0	0.1	0	0		0.1	0	
RefNo.	Q2103				Q2104								Q2105							
MODE	E	C	B		1	2	3	4		5	6		E	C	B					
CD PLAY	1.8	1.7	0		0	0.7	0	0		0.7	0		0	-4.4	0					
STANDBY	0	0.1	0		0	0.1	0	0		0.1	0		0	0.1	0					

[illegible]

WF No. IC2006-2 (PLAY)



0.6Vp-p(20usec/div)

WF No. IC2006-4 (PLAY)



1.1Vp-p(20usec/div)

WF No. IC2006-6 (PLAY)



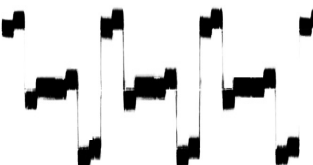
1.1Vp-p(20usec/div)

WF No. IC2006-8 (PLAY)



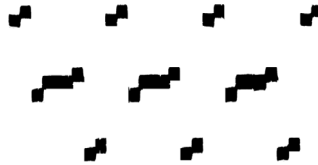
0.5Vp-p(20usec/div)

WF No. IC2006-9 (PLAY)



0.5Vp-p(20usec/div)

WF No. IC2006-11 (PLAY)



1.0Vp-p(20usec/div)

WF No. IC2006-12 (PLAY)



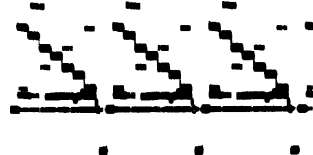
1.0Vp-p(20usec/div)

WF No. IC2006-13 (PLAY)



2.1Vp-p(20usec/div)

WF No. IC2006-14 (PLAY)



2.1Vp-p(20usec/div)

WF No. IC2006-15 (PLAY)



2.1Vp-p(20usec/div)

WF No. IC2006-16 (PLAY)



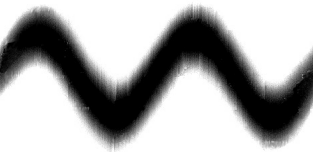
1.2Vp-p(20usec/div)

WF No. IC2011-36 (PLAY)



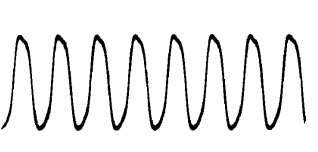
40mVp-p(200usec/div)

WF No. IC2013-7 (PLAY)



80mVp-p(200usec/div)

WF No. IC2018-13 (PLAY)

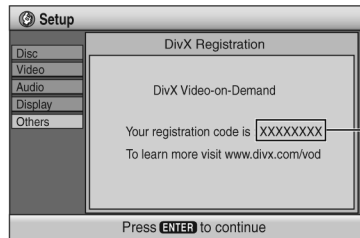


3.8Vp-p(100nsec/div)

DivX Video-on-Demand (VOD) content is encrypted for copyright protection. In order to play DivX VOD content on this unit, you first need to register the unit.

Follow the online instructions for purchasing DivX VOD content to enter the unit's registration code and register the unit. For more information about DivX VOD, visit www.divx.com/vod.

Display the unit's registration code



8 alphanumeric characters

- We recommend that you make a note of this code for future reference.
- After playing DivX VOD content for the first time, another registration code is then displayed in "DivX Registration". Do not use this registration code to purchase DivX VOD content. If you use this code to purchase DivX VOD content, and then play the content on this unit, you will no longer be able to play any content that you purchased using the previous code.
- If you purchase DivX VOD content using a registration code different from this unit's code, you will not be able to play this content. ("Authorization Error" is displayed.)

Regarding DivX content that can only be played a set number of times

Some DivX VOD content can only be played a set number of times. When you play this content, the remaining number of plays is displayed. You cannot play this content when the number of remaining plays is zero. ("Rented Movie Expired" is displayed.)

When playing this content

- The number of remaining plays is reduced by one if
 - you turn off the unit or press [SHIFT]+[SETUP].
 - you press [■]. (Press [II] to pause play.)
 - you press [◀◀, ▶▶] or [◀◀, ▶▶] etc. and arrive at another content or the start of the content being played.
- Resume and Marker functions do not work.