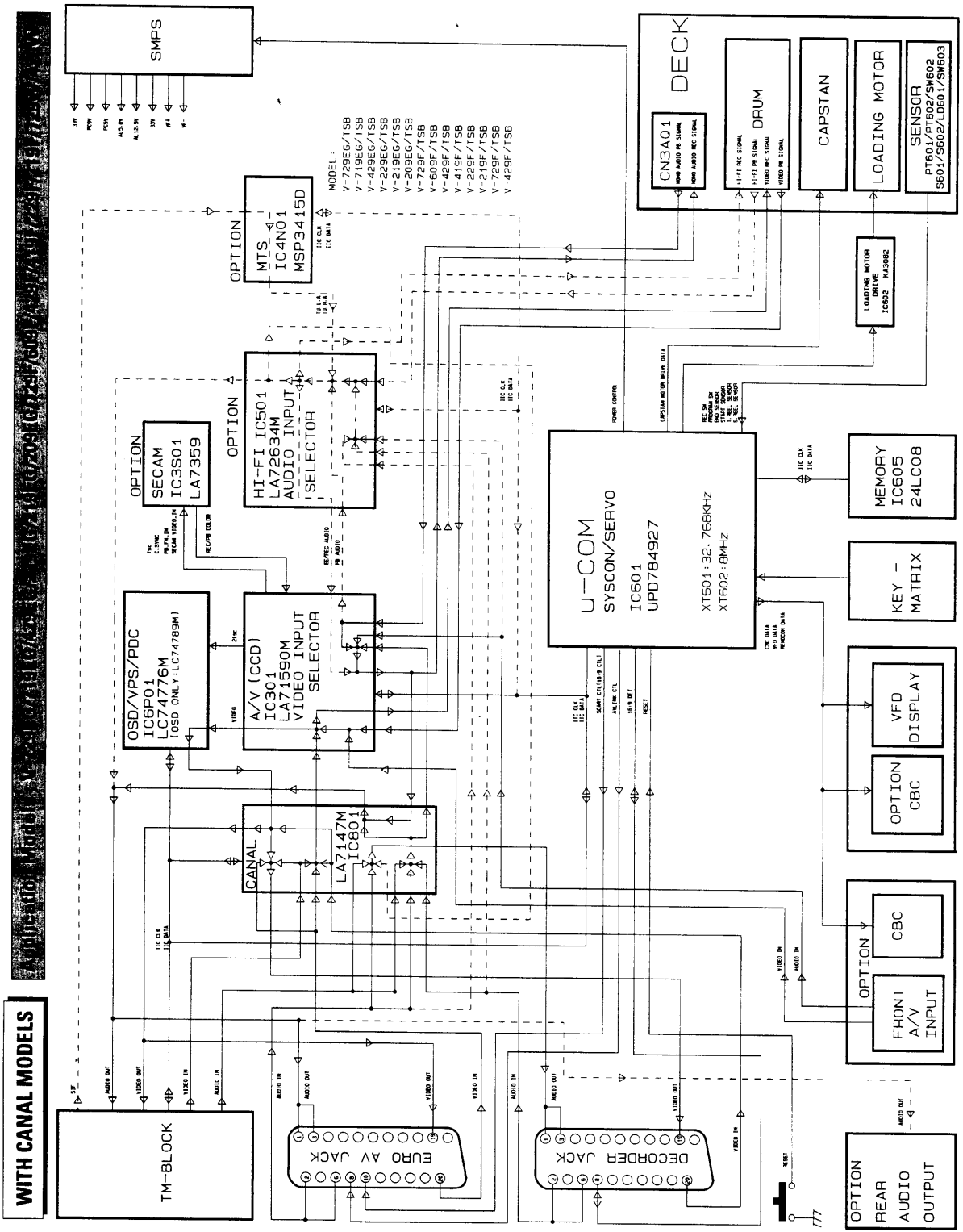
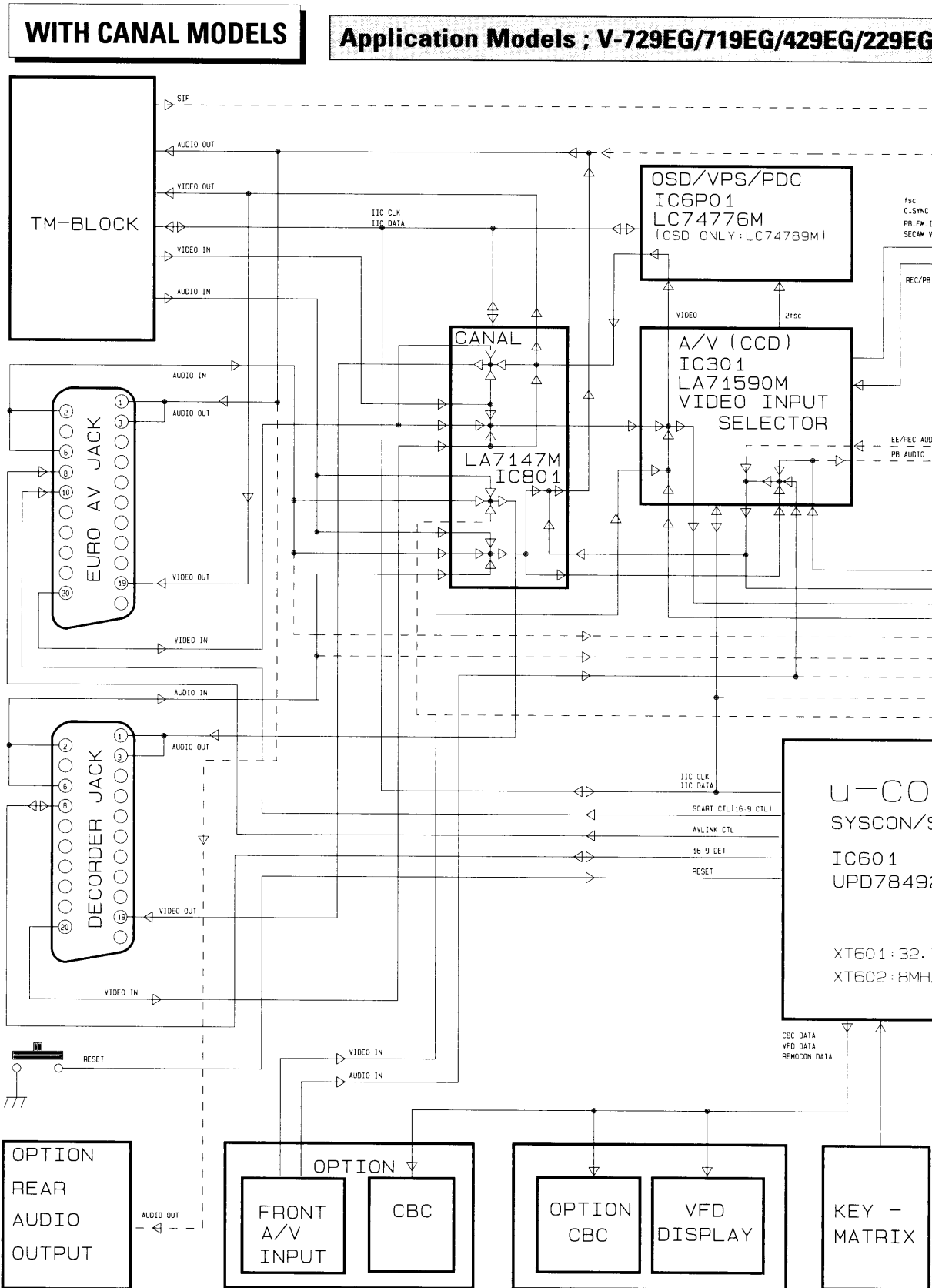


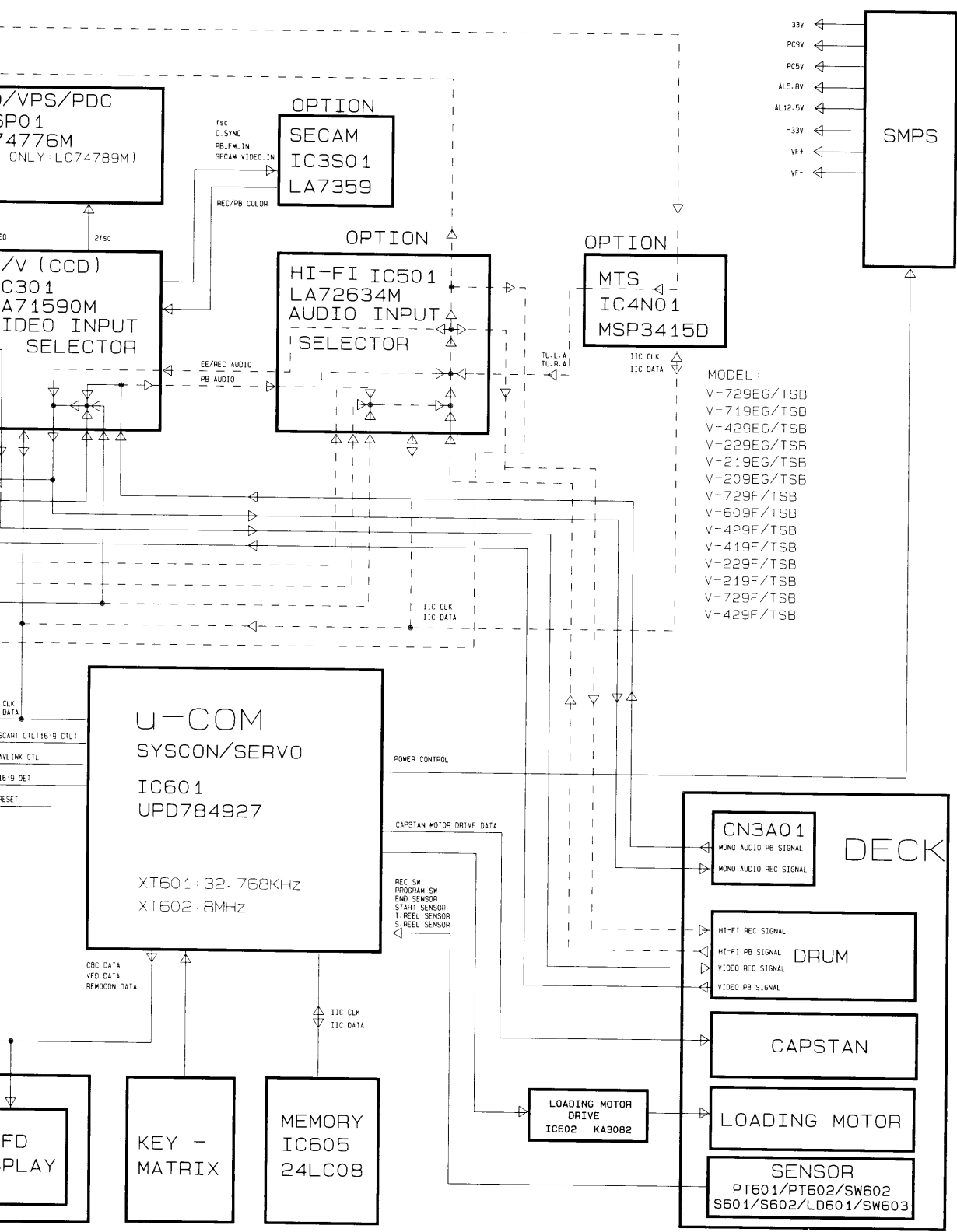
# 8. Block Diagrams



# 8. Block Diagrams



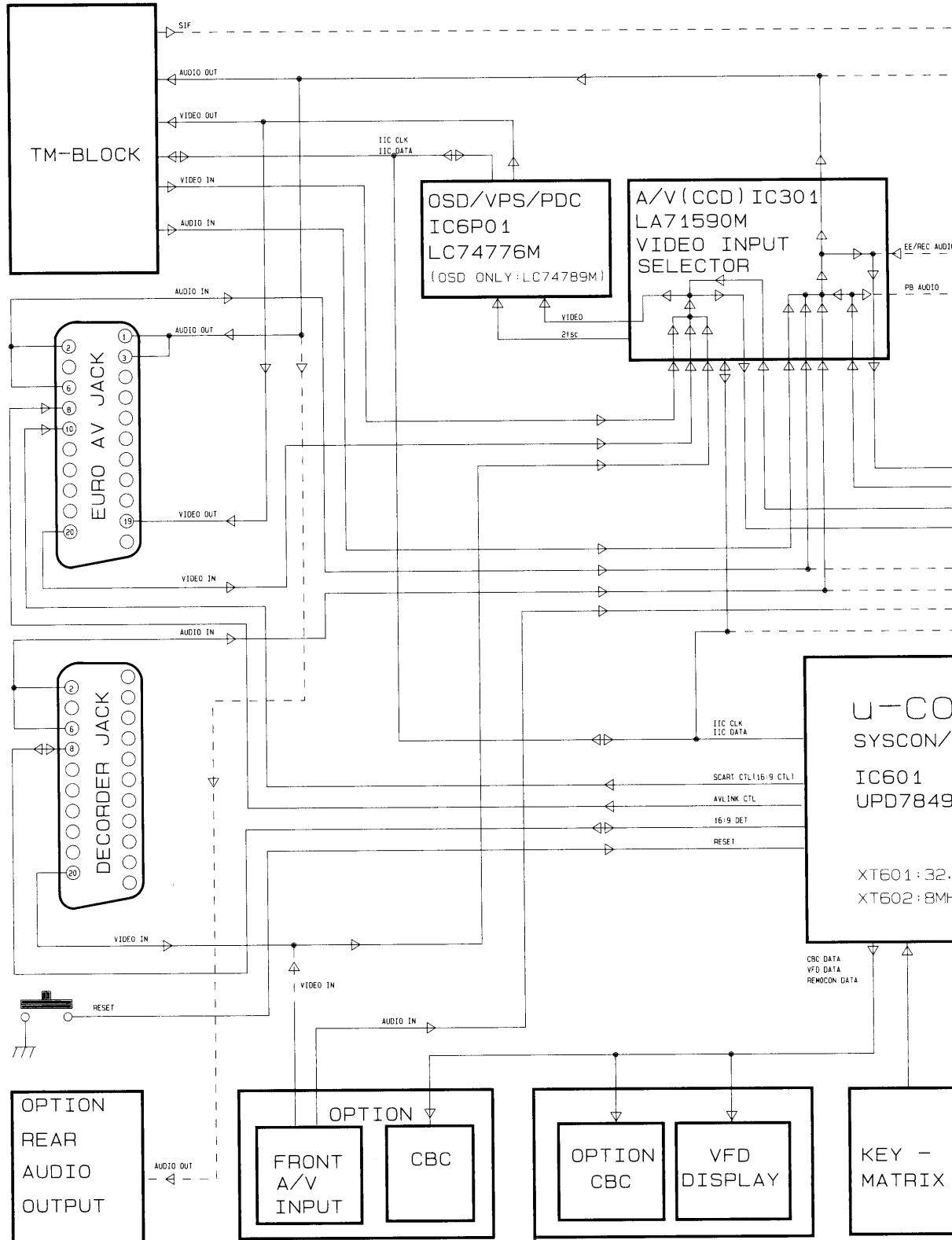
V-719EG/429EG/229EG/219EG/209EG/729F/609F/429F/419F/229F/219F/729W/429W



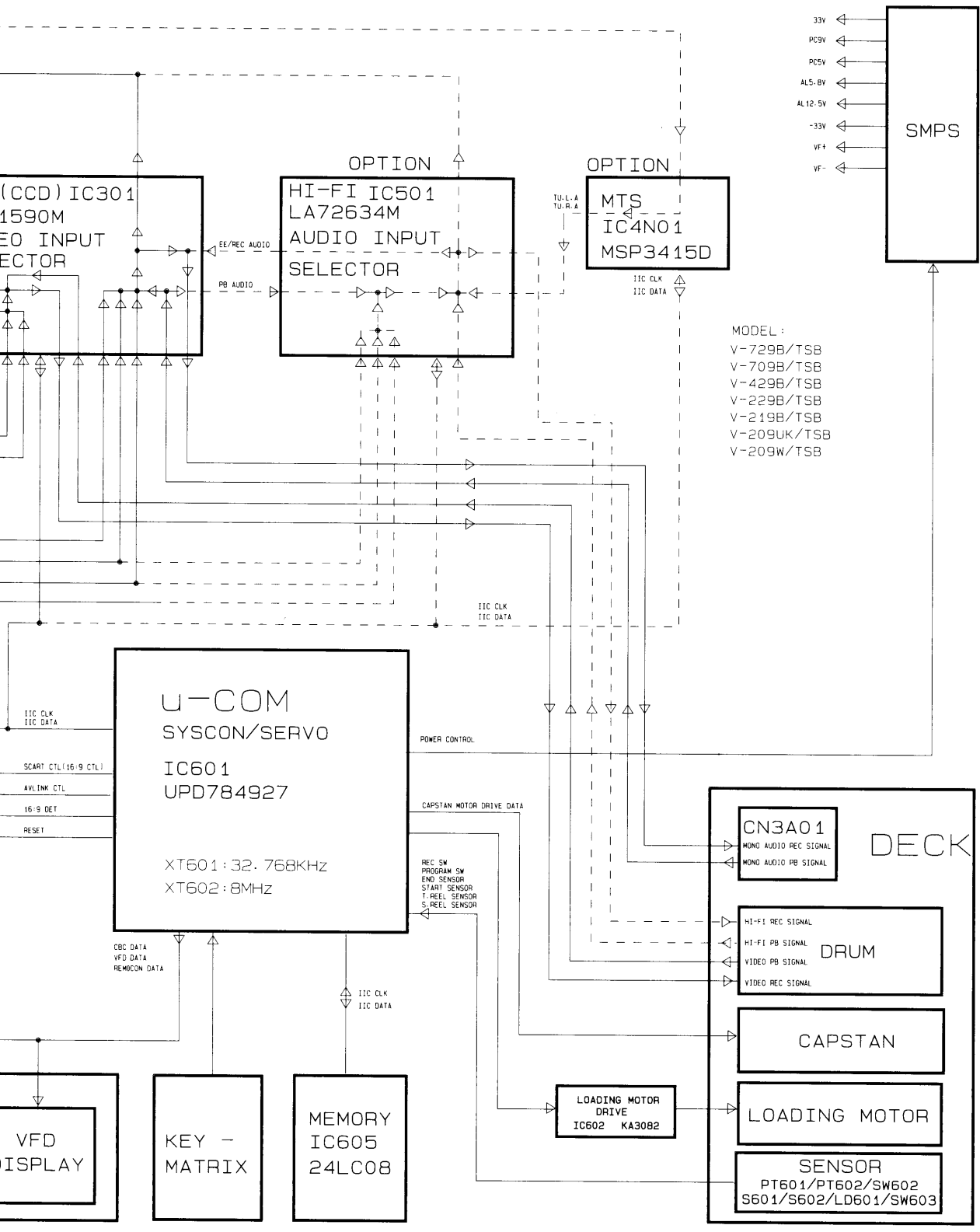


**WITHOUT CANAL MODELS**

**Application Models ; V-729B/709B/429B/229B/2**



**729B/709B/429B/229B/219B/209UK/209W**



MODEL :  
 V-729B/TSB  
 V-709B/TSB  
 V-429B/TSB  
 V-229B/TSB  
 V-219B/TSB  
 V-209UK/TSB  
 V-209W/TSB

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## 9. PCB Diagrams

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9-1 Main	9-2
9-2 Function-Timer (With AV-Link)	9-4
9-3 Function-Timer (Without AV-Link)	9-4
9-4 NICAM	9-4
9-5 Front Jack/CBC	9-4

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## 9. PCB Diagrams

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<b>9-1 Main</b> - - - - -	<b>9-2</b>
<b>9-2 Function-Timer (With AV-LinK)</b> - - - - -	<b>9-4</b>
<b>9-3 Function-Timer (Without AV-LinK)</b> - - - - -	<b>9-4</b>
<b>9-4 NICAM</b> - - - - -	<b>9-4</b>
<b>9-5 Front Jack/CBC</b> - - - - -	<b>9-4</b>



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----- 9-2

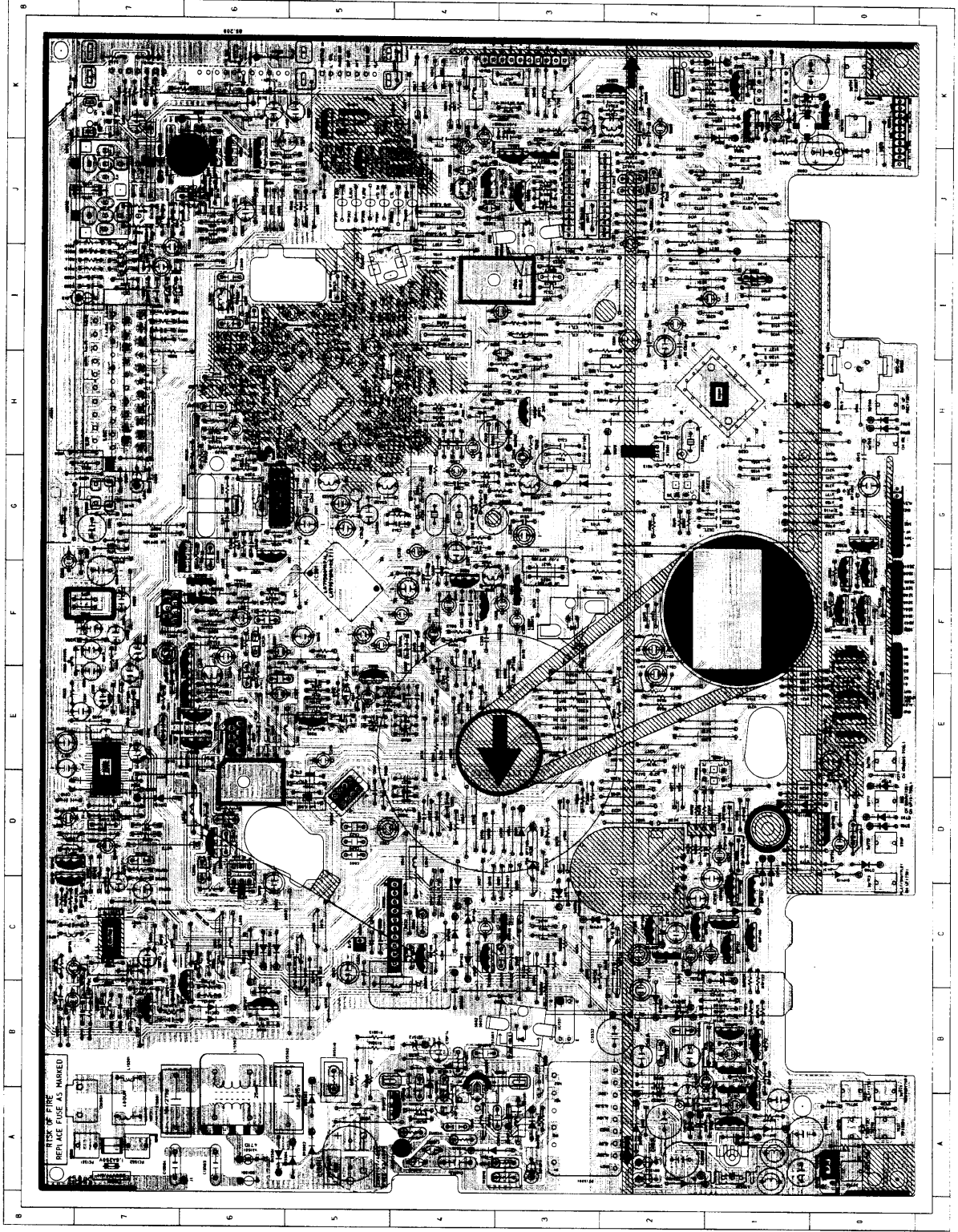
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----- 9-4

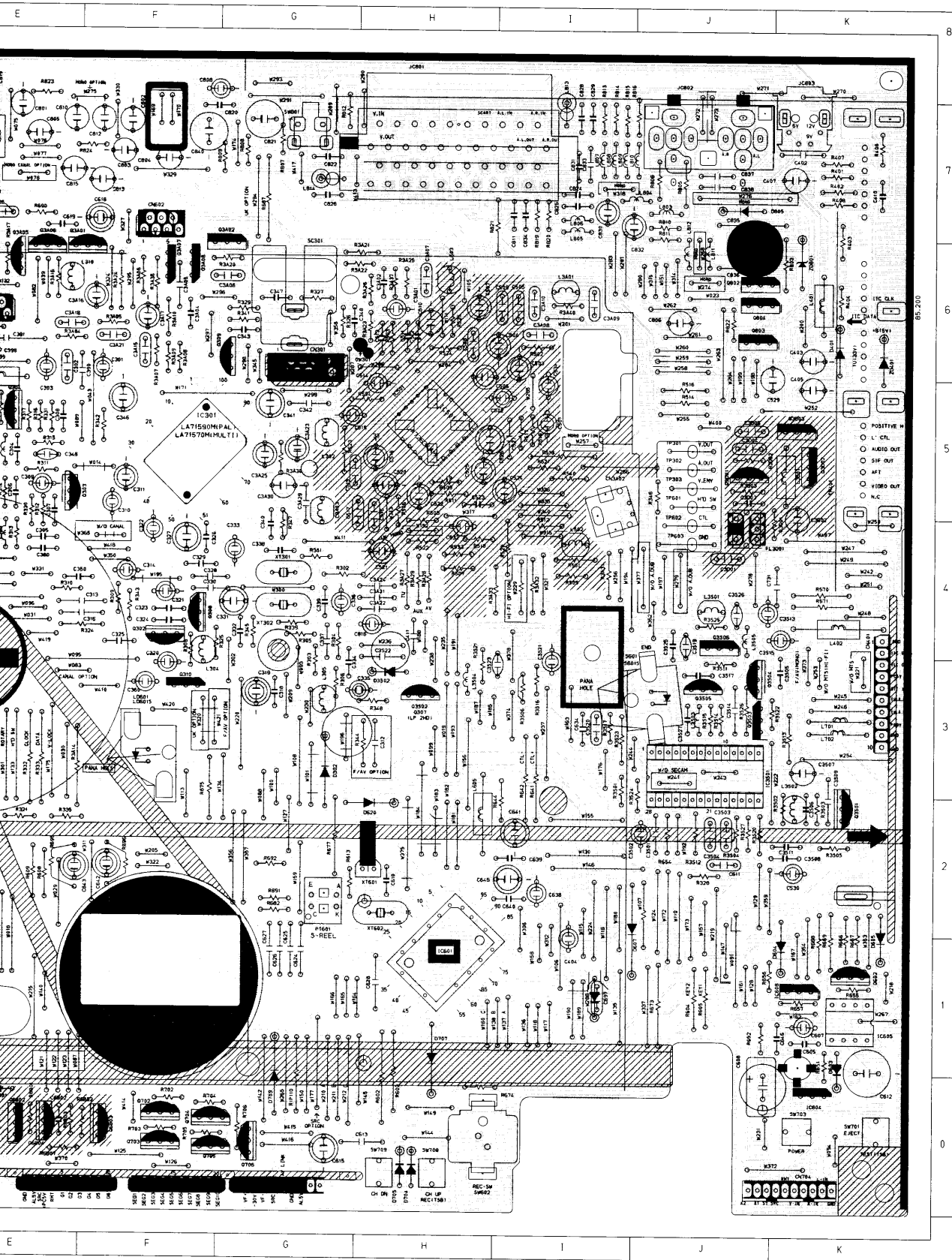
----- 9-4

----- 9-4

9-1 Main









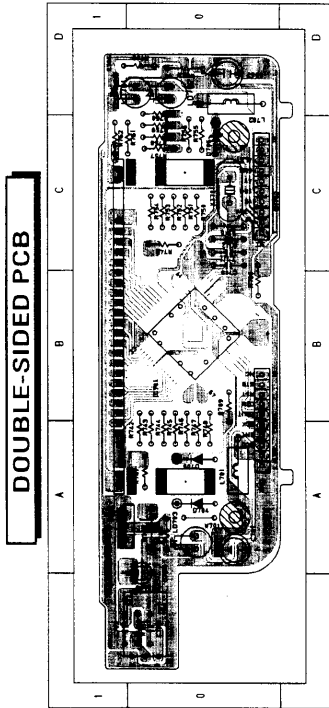
\*\*\* RESISTOR \*\*\*

\*\*\* CONDENSER \*\*\*

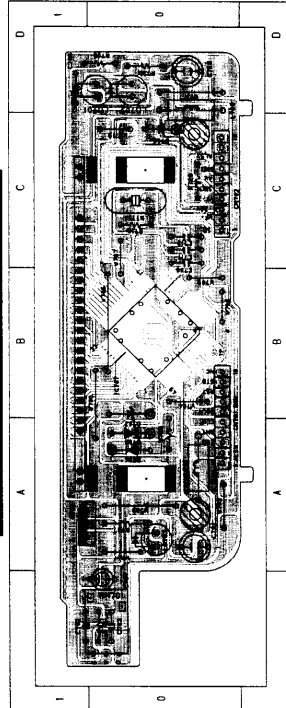
R1P103 (B1)	R348 (H3)	R521 (I5)	R814 (I7)	C1P101 (C2)	C347 (G6)	C517 (H4)
R1P105 (C4)	R3A01 (D3)	R522 (H4)	R815 (I7)	C1P102 (A1)	C348 (G6)	C518 (H5)
R1P106 (C4)	R3A04 (E6)	R523 (G5)	R816 (J7)	C1P103 (A1)	C349 (E4)	C519 (G5)
R1P107 (D3)	R3A05 (F6)	R524 (H6)	R819 (I7)	C1P104 (C1)	C350 (F4)	C520 (H5)
R1P108 (A1)	R3A06 (F6)	R525 (H6)	R820 (I7)	C1P105 (C2)	C360 (F3)	C521 (H4)
R1P109 (B1)	R3A07 (F6)	R533 (H4)	R821 (I6)	C1P106 (D1)	C380 (E4)	C522 (H5)
R1P110 (G0)	R3A08 (F6)	R570 (K4)	R822 (J6)	C1P107 (C1)	C381 (E6)	C523 (H5)
R1P111 (B1)	R3A09 (F6)	R571 (K4)	R823 (E8)	C1P108 (C2)	C390 (F6)	C524 (I5)
R1P112 (B1)	R3A10 (F6)	R601 (D4)	R824 (E7)	C1P110 (C4)	C399 (E6)	C525 (H5)
R1P115 (B6)	R3A11 (C6)	R602 (H0)	W107 (J1)	C1P113 (D1)	C3A01 (H6)	C526 (H5)
R1P116 (B5)	R3A12 (D6)	R603 (H1)	W229 (I4)	C1P114 (D0)	C3A02 (H6)	C527 (I5)
R1P117 (A1)	R3A13 (C6)	R604 (J1)	XT301 (G4)	C1P115 (B1)	C3A04 (F6)	C529 (J5)
R1P118 (B2)	R3A14 (E2)	R605 (J1)	XT302 (G4)	C1P116 (B1)	C3A05 (F6)	C530 (K2)
R1P119 (D0)	R3A16 (E6)	R608 (E2)		C1P117 (C2)	C3A06 (G6)	C531 (I6)
R1P120 (D1)	R3A17 (E6)	R609 (E2)		C1S003 (A6)	C3A07 (H6)	C532 (H4)
R1P121 (C1)	R3A18 (E6)	R613 (G2)		C1S004 (A7)	C3A08 (I6)	C601 (C5)
R1P122 (C1)	R3A19 (D6)	R641 (I2)		C1S012 (A4)	C3A09 (I6)	C602 (C5)
R1P123 (B1)	R3A20 (F6)	R642 (I2)		C1S1F12 (A4)	C3A10 (I6)	C603 (C5)
R1P124 (B6)	R3A21 (G6)	R650 (C4)		C1S1F13 (A3)	C3A11 (D6)	C604 (B5)
R1P125 (B1)	R3A22 (G6)	R651 (K0)		C1S1F14 (B4)	C3A12 (C6)	C605 (K1)
R1P126 (B6)	R3A23 (H6)	R652 (J1)		C1S1F15 (B4)	C3A13 (D6)	C607 (K1)
R1P127 (B1)	R3A24 (F6)	R654 (J2)		C1S1R12 (A4)	C3A14 (C6)	C610 (H2)
R1P128 (B3)	R3A25 (H6)	R655 (K1)		C1S1R13 (B4)	C3A15 (F6)	C611 (J2)
R1P129 (B2)	R3A26 (H6)	R656 (J1)		C1S1R14 (A4)	C3A16 (F6)	C612 (K1)
R1SD11 (B5)	R3A27 (H4)	R657 (K1)		C1S1R15 (A4)	C3A17 (F6)	C613 (G0)
R1SD12 (A3)	R3A28 (H4)	R660 (D5)		C1S1R16 (A4)	C3A18 (E6)	C614 (E6)
R1SD13 (B5)	R3A29 (H4)	R666 (K1)		C1S501 (B7)	C3A21 (F6)	C615 (G0)
R1SD14 (B4)	R3A30 (G5)	R667 (K1)		C1S502 (A5)	C3A22 (H4)	C618 (F7)
R1SD15 (A5)	R3A31 (I4)	R668 (K1)		C1S512 (A4)	C3A23 (G5)	C619 (E7)
R1SD16 (A3)	R3A32 (I4)	R669 (K1)		C1S531 (B2)	C3A24 (H4)	C620 (D4)
R1SD31 (B3)	R3A33 (I4)	R670 (D2)		C1S532 (B2)	C3A25 (G5)	C621 (D4)
R1SD32 (C3)	R3A35 (F6)	R671 (D2)		C1S533 (A2)	C3A29 (G4)	C622 (D5)
R1SR11 (B4)	R3A37 (H6)	R672 (D1)		C1S534 (A1)	C3A30 (G5)	C623 (D4)
R1SR12 (A4)	R3A40 (I6)	R673 (J1)		C1S535 (A2)	C3A31 (H4)	C624 (G1)
R1SR14 (A4)	R3D01 (K4)	R674 (H0)		C1S536 (A1)	C3D01 (J4)	C625 (G1)
R1SR15 (A4)	R3D02 (J5)	R675 (F2)		C1S537 (A2)	C3D02 (K5)	C626 (G1)
R1SS10 (B5)	R3D03 (J5)	R676 (E2)		C1S538 (B2)	C3D03 (J5)	C627 (G1)
R1SS11 (A3)	R3S01 (I2)	R677 (G2)		C1S539 (C3)	C3D04 (J5)	C628 (H1)
R1SS13 (A4)	R3S02 (K2)	R678 (D2)		C1S540 (B2)	C3D05 (J5)	C633 (B3)
R1SS31 (B2)	R3S03 (K2)	R679 (D2)		C1S541 (B2)	C3S01 (J2)	C634 (I3)
R1SS32 (C3)	R3S04 (J2)	R682 (G2)		C301 (F5)	C3S02 (J2)	C635 (D4)
R1SS33 (C3)	R3S05 (K2)	R685 (D4)		C302 (E5)	C3S03 (J2)	C636 (D4)
R1SS34 (B3)	R3S06 (I3)	R687 (G6)		C303 (E5)	C3S04 (J2)	C637 (D4)
R301 (G4)	R3S11 (J3)	R690 (E7)		C304 (E5)	C3S05 (K3)	C638 (I2)
R302 (G4)	R3S12 (J2)	R691 (G2)		C305 (E4)	C3S06 (K2)	C639 (I2)
R303 (G4)	R3S13 (K3)	R692 (G2)		C306 (E5)	C3S07 (K3)	C640 (I2)
R304 (G3)	R3S14 (J3)	R693 (C6)		C307 (E4)	C3S08 (K2)	C641 (I2)
R305 (G4)	R3S15 (J3)	R694 (C6)		C308 (E5)	C3S09 (K2)	C642 (F2)
R306 (G3)	R3S16 (I3)	R695 (E2)		C309 (E5)	C3S11 (K2)	C643 (E2)
R308 (F3)	R3S17 (I3)	R696 (F2)		C310 (F5)	C3S13 (J4)	C645 (I2)
R309 (F4)	R3S20 (J2)	R6B01 (E0)		C311 (F5)	C3S14 (J3)	C646 (K1)
R310 (E4)	R3S21 (H3)	R6B02 (F0)		C312 (H3)	C3S15 (J4)	C690 (D5)
R311 (E5)	R3S22 (K3)	R6B03 (E0)		C313 (E4)	C3S17 (J3)	C691 (D5)
R312 (E4)	R3S23 (I3)	R6B07 (E0)		C314 (F4)	C3S19 (J4)	C692 (E7)
R313 (E4)	R3S24 (J2)	R6P01 (C7)		C315 (E5)	C3S20 (I3)	C697 (I1)
R314 (E5)	R3S25 (J4)	R6P02 (C7)		C316 (E4)	C3S21 (I3)	C698 (D0)
R315 (E5)	R3S26 (J3)	R6P03 (C7)		C318 (G3)	C3S22 (H3)	C699 (D5)
R316 (E5)	R3S27 (J2)	R6P04 (D7)		C319 (G3)	C3S23 (I3)	C6B01 (E0)
R317 (E5)	R401 (K7)	R6P05 (B7)		C320 (F3)	C3S25 (J3)	C6B02 (E0)
R318 (E5)	R402 (K7)	R6P06 (C8)		C321 (F4)	C3S26 (J4)	C6B03 (E0)
R320 (D2)	R403 (K6)	R6P07 (C7)		C322 (F4)	C3S27 (J3)	C6B04 (E0)
R321 (E2)	R404 (K6)	R6P08 (C8)		C323 (F4)	C402 (K7)	C6P01 (B7)
R322 (D2)	R405 (B6)	R6P09 (C8)		C324 (F4)	C403 (K6)	C6P02 (C7)
R324 (E4)	R406 (K7)	R6P10 (D7)		C325 (F4)	C404 (I1)	C6P03 (C7)
R325 (F4)	R407 (K7)	R6P11 (B7)		C326 (F4)	C405 (K5)	C6P04 (B7)
R326 (G6)	R408 (K7)	R702 (F0)		C327 (F4)	C407 (K7)	C6P05 (B7)
R327 (G6)	R501 (I4)	R703 (F0)		C328 (F4)	C410 (K7)	C6P06 (D7)
R328 (J2)	R502 (I6)	R704 (F0)		C329 (F4)	C411 (H4)	C6P07 (C7)
R329 (G6)	R503 (H6)	R705 (F0)		C330 (F4)	C501 (I5)	C6P08 (C7)
R330 (E4)	R504 (G5)	R706 (G0)		C331 (G4)	C502 (I5)	C6P09 (B8)
R331 (E5)	R505 (I4)	R727 (A0)		C332 (G4)	C503 (I5)	C6P10 (C8)
R332 (E2)	R506 (H4)	R728 (A0)		C333 (G4)	C504 (I6)	C6P11 (B8)
R333 (E2)	R507 (H4)	R801 (D7)		C334 (G3)	C505 (I6)	C6P12 (C7)
R334 (D4)	R508 (H4)	R802 (D7)		C335 (G3)	C506 (H6)	C6P13 (C7)
R335 (E2)	R509 (H5)	R803 (K6)		C336 (G4)	C507 (H6)	C6P14 (B7)
R336 (D3)	R510 (H4)	R805 (J7)		C337 (G3)	C508 (H6)	C6P15 (B7)
R339 (G4)	R511 (H5)	R806 (J7)		C338 (G4)	C509 (I6)	C6P20 (C7)
R341 (G6)	R512 (I4)	R807 (G7)		C339 (G4)	C510 (H6)	C731 (K4)
R342 (F5)	R514 (J5)	R808 (G7)		C340 (G4)	C511 (H6)	C801 (E7)
R343 (F4)	R516 (J5)	R809 (G7)		C341 (G5)	C512 (H6)	C802 (F7)
R344 (H3)	R517 (I5)	R810 (J7)		C342 (G5)	C513 (H6)	C803 (F7)
R345 (G4)	R518 (I5)	R811 (J7)		C343 (G6)	C514 (H5)	C804 (F7)
R346 (J5)	R519 (I5)	R812 (G7)		C345 (E5)	C515 (H5)	C805 (E7)
R347 (G4)	R520 (I4)	R813 (I7)		C346 (F5)	C516 (H4)	C806 (J6)

*** DIODE ***		*** TR ***		*** IC&WAFER ***		*** CHIP ***	
C347 (G6)	C517 (H4)	C807 (D7)	D1P101 (C2)	IC15S2 (C4)	CN15S1 (A7)	IC501 (H5)	
C348 (G6)	C518 (H5)	C808 (F8)	D1P103 (C4)	IC604 (K0)	CN3A01 (E6)	IC6P01 (C7)	
C349 (E4)	C519 (G5)	C809 (D7)	D1P104 (C4)	IC608 (K1)	CN401 (K4)		
C350 (F4)	C520 (H5)	C810 (E7)	D1P105 (C4)	Q1P101 (C1)	CN601 (C5)		
C360 (F3)	C521 (H4)	C811 (I7)	D1P108 (A1)	Q1P102 (C1)	CN602 (F7)		
C380 (E4)	C522 (H5)	C812 (F7)	D1P109 (B2)	Q1P103 (C1)	CN704 (K0)		
C381 (E6)	C523 (H5)	C813 (F7)	D1P110 (D1)	Q1P104 (C4)	IC3501 (J2)		
C390 (F6)	C524 (I5)	C814 (E7)	D1P111 (D1)	Q1P105 (C3)	IC605 (K1)		
C399 (E6)	C525 (H5)	C815 (E7)	D1P112 (C3)	Q1P106 (C1)	JC801 (H7)		
C3A01 (H6)	C526 (H5)	C816 (H4)	D1P113 (D0)	Q1P107 (B6)			
C3A02 (H6)	C527 (I5)	C817 (E8)	D1P114 (D7)	Q1P108 (C2)			
C3A04 (F6)	C529 (J5)	C819 (E8)	D1P115 (C1)	Q1P109 (C2)			
C3A05 (F6)	C530 (K2)	C820 (G7)	D1P116 (C3)	Q1P110 (D0)			
C3A06 (G6)	C531 (I6)	C821 (G7)	D1P117 (A2)	Q1P111 (C1)			
C3A07 (H6)	C532 (H4)	C822 (G7)	D1P118 (A1)	Q1P112 (B1)			
C3A08 (I6)	C601 (C5)	C823 (D7)	D1P119 (D1)	Q1P113 (B6)			
C3A09 (I6)	C602 (C5)	C824 (I7)	D1S031 (A2)	Q1P114 (A1)			
C3A10 (I6)	C603 (C5)	C825 (I7)	D1S032 (A2)	Q1P115 (B1)			
C3A11 (D6)	C604 (B5)	C826 (G7)	D1SR11 (B4)	Q1P116 (A1)			
C3A12 (C6)	C605 (K1)	C827 (D7)	D1SS01 (A6)	Q1P117 (B1)			
C3A13 (D6)	C607 (K1)	C828 (I7)	D1SS02 (A5)	Q1P118 (C2)			
C3A14 (C6)	C610 (H2)	C829 (I7)	D1SS03 (B5)	Q1P120 (B1)			
C3A15 (F6)	C611 (J2)	C830 (I7)	D1SS04 (A5)	Q1SR12 (A4)			
C3A16 (F6)	C612 (K1)	C831 (I7)	D1SS11 (A4)	Q302 (F4)			
C3A17 (F6)	C613 (G0)	C832 (I7)	D1SS12 (A3)	Q303 (E5)			
C3A18 (E6)	C614 (E6)	C833 (I7)	D1SS31 (B2)	Q304 (E5)			
C3A21 (F6)	C615 (G0)	C834 (I7)	D1SS32 (A1)	Q308 (F4)			
C3A22 (H4)	C618 (F7)	C835 (J7)	D1SS33 (A1)	Q309 (G6)			
C3A23 (G5)	C619 (E7)	C836 (J6)	D1SS44 (B2)	Q310 (F3)			
C3A24 (H4)	C620 (D4)	C837 (J7)	D302 (G3)	Q3A01 (E6)			
C3A25 (G5)	C621 (D4)	C838 (J7)	D3S02 (H3)	Q3A02 (G6)			
C3A29 (G4)	C622 (D5)	C840 (F7)	D401 (K6)	Q3A03 (D6)			
C3A30 (G5)	C623 (D4)	C841 (D7)	D603 (K0)	Q3A04 (E6)			
C3A31 (H4)	C624 (G1)	XT601 (H2)	D604 (K1)	Q3A05 (E6)			
C3D01 (J4)	C625 (G1)	XT602 (H2)	D605 (K1)	Q3A06 (E6)			
C3D02 (K5)	C626 (G1)		D607 (J1)	Q3A07 (F6)			
C3D03 (J5)	C627 (G1)		D611 (D3)	Q3A08 (F6)			
C3D04 (J5)	C628 (H1)		D620 (H2)	Q3D01 (J5)			
C3D05 (J5)	C633 (B3)		D6B01 (B0)	Q3D02 (K5)			
C3S01 (J2)	C634 (I3)		D701 (D0)	Q3D03 (K5)			
C3S02 (J2)	C635 (D4)		D702 (D0)	Q3S01 (K3)			
C3S03 (J2)	C636 (D4)		D703 (D0)	Q3S02 (H3)			
C3S04 (J2)	C637 (D4)		D704 (H0)	Q3S03 (J3)			
C3S05 (K3)	C638 (I2)		D705 (H0)	Q3S04 (J3)			
C3S06 (K2)	C639 (I2)		D707 (H0)	Q3S05 (J3)			
C3S07 (K3)	C640 (I2)		D708 (D0)	Q3S06 (J4)			
C3S08 (K2)	C641 (I2)		D709 (G1)	Q602 (K1)			
C3S09 (K2)	C642 (F2)		D805 (J7)	Q6B01 (E0)			
C3S11 (K2)	C643 (E2)		DDC101 (C6)	Q6B02 (E0)			
C3S13 (J4)	C645 (I2)		DDC102 (C6)	Q6B03 (F0)			
C3S14 (J3)	C646 (K1)		DDC103 (B6)	Q6B04 (E0)			
C3S15 (J4)	C690 (D5)		DDC104 (B6)	Q6P01 (D7)			
C3S17 (J3)	C691 (D5)		DDC105 (B6)	Q6P02 (C7)			
C3S19 (J4)	C692 (E7)		DDC106 (C4)	Q6P03 (B7)			
C3S20 (I3)	C697 (I1)		W288 (I1)	Q702 (F0)			
C3S21 (I3)	C698 (D0)		ZD1P01 (A2)	Q703 (F0)			
C3S22 (H3)	C699 (D5)		ZD1P02 (C1)	Q704 (F0)			
C3S23 (I3)	C6801 (E0)		ZD1P03 (B2)	Q705 (F0)			
C3S25 (J3)	C6802 (E0)		ZD1P06 (C2)	Q706 (G0)			
C3S26 (J4)	C6803 (E0)		ZD1SF1 (A3)	Q802 (J6)			
C3S27 (J3)	C6804 (E0)		ZD1SF2 (B4)	Q803 (J6)			
C402 (K7)	C6P01 (B7)		ZD1S51 (C4)	Q804 (J6)			
C403 (K6)	C6P02 (C7)		ZD401 (K6)				
C404 (I1)	C6P03 (C7)		ZD801 (K7)				
C405 (K5)	C6P04 (B7)						
C407 (K7)	C6P05 (B7)						
C410 (K7)	C6P06 (D7)						
C411 (H4)	C6P07 (C7)						
C501 (I5)	C6P08 (C7)						
C502 (I5)	C6P09 (B8)						
C503 (I5)	C6P10 (C8)						
C504 (I6)	C6P11 (B8)						
C505 (I6)	C6P12 (C7)						
C506 (H6)	C6P13 (C7)						
C507 (H6)	C6P14 (B7)						
C508 (H6)	C6P15 (B7)						
C509 (I6)	C6P20 (C7)						
C510 (H6)	C731 (K4)						
C511 (H6)	C801 (E7)						
C512 (H6)	C802 (F7)						
C513 (H6)	C803 (F7)						
C514 (H5)	C804 (F7)						
C515 (H5)	C805 (E7)						
C516 (H4)	C806 (J6)						

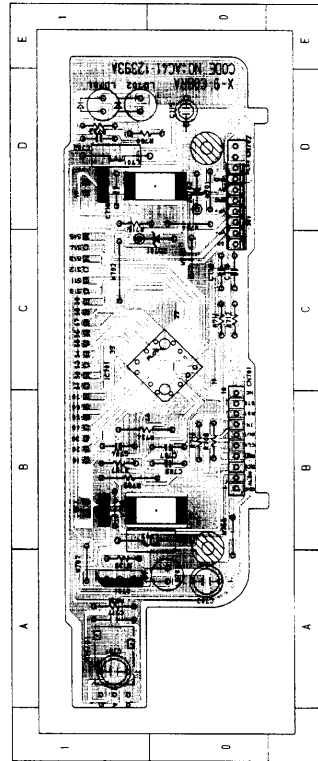
### 9-2 Function-Timer (With AV-Link)



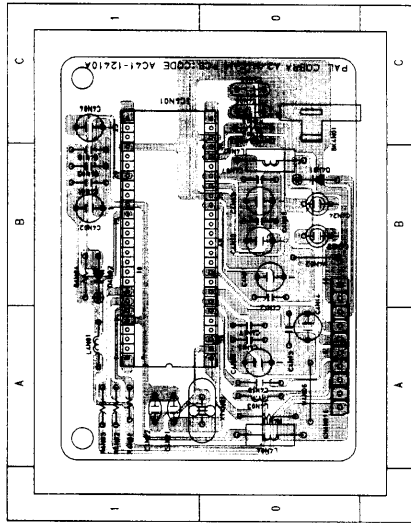
DOUBLE-SIDED PCB



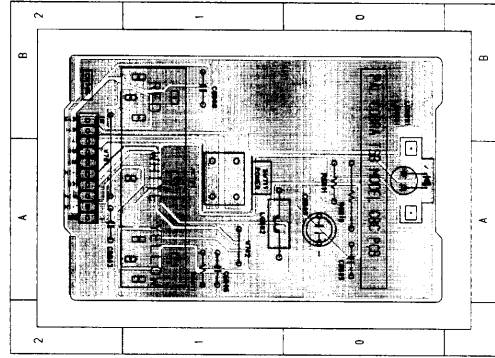
### 9-3 Function-Timer (Without AV-Link)



### 9-4 NICAM



### 9-5 Front Jack/CBC

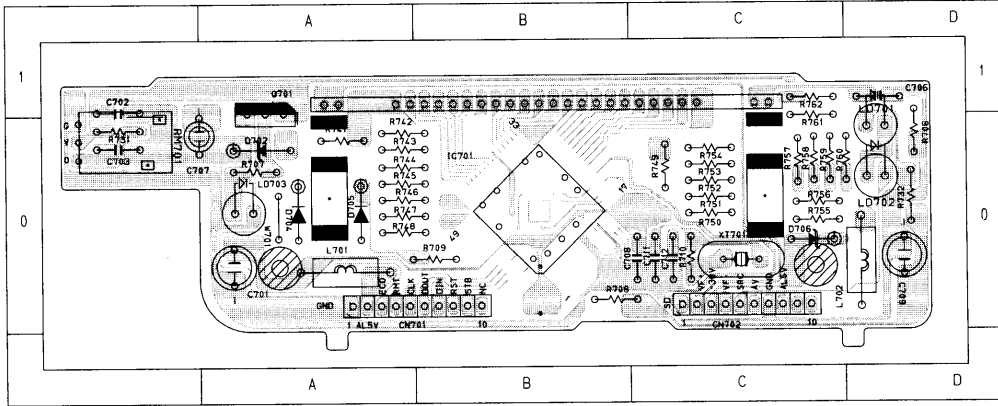




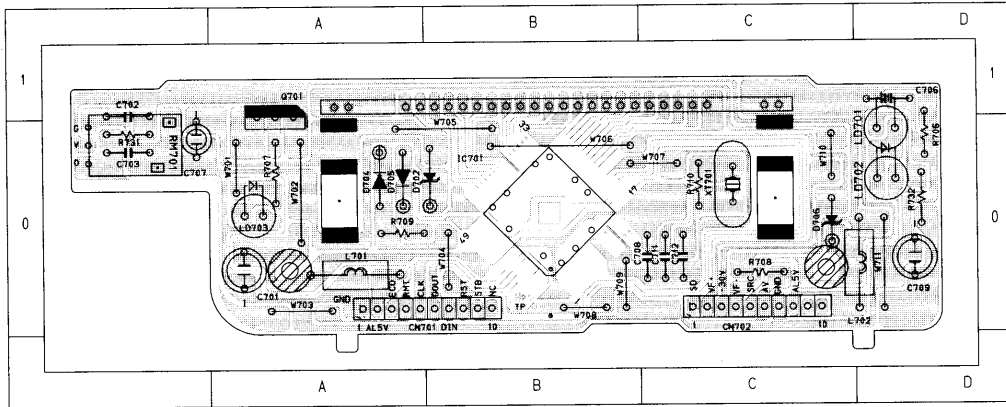
### 9-2 Function-Timer (With AV-Link)

**Application Models : V-729B/V-429B/V-229B/V-219B/V-729EG/V-429EG  
V-729F/V-429F/V-229F**

#### DOUBLE-SIDED PCB

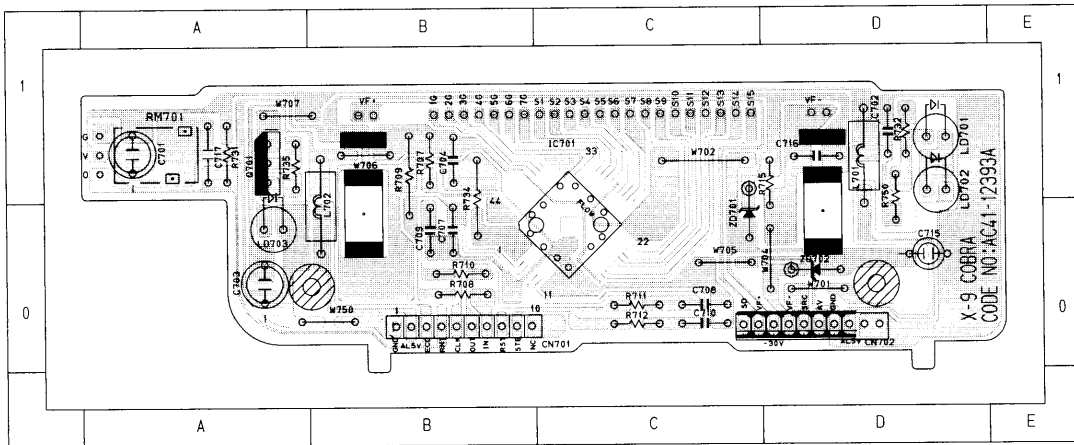


#### ONE-SIDED PCB



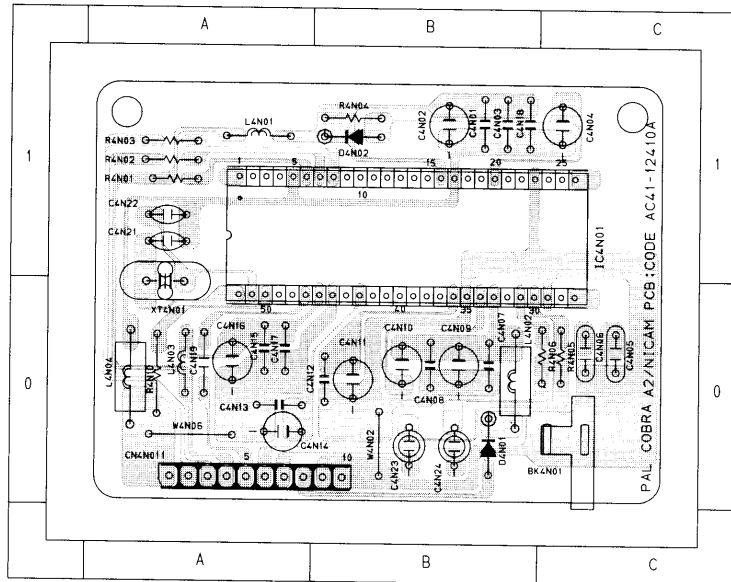
### 9-3 Function-Timer (Without AV-Link)

**Application Models : V-709B/V-209UK/V-719EG/V-229EG/V-219EG/V-209EG  
V-609F/V-419F/V-219F/V-729W/V-429W/V-209W**



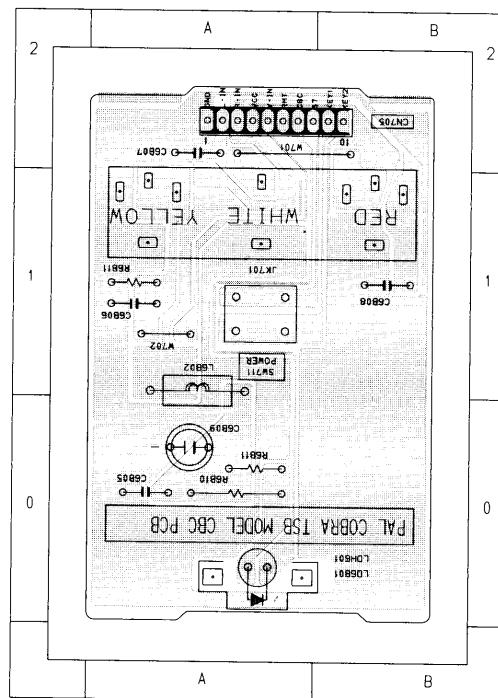
## 9-4 NICAM

**Application Models : V-729B/V-709B/V-729EG/V-719EG/V-729F/V-609F/V-729W**



## 9-5 Front Jack/CBC

**Application Models : V-729B/V-429B/V-229B/V-219B/V-729EG/V-429EG  
V-729F/V-429F/V-229F**



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## 10. Schematic Diagrams

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◆ Block Identification of Main PCB .....	10-2
10-1 S.M.P.S. ....	10-3
10-2 Power Drive .....	10-4
10-3 System Control/Servo .....	10-5
10-4 Audio/Video .....	10-6
10-5 Hi-Fi .....	10-7
10-6 TM-Block .....	10-8
10-7 SECAM .....	10-9
10-8 A2/NICAM .....	10-10
10-9 Input-Output .....	10-11
10-10 OSD/VPS/PDC .....	10-12
10-11 OSD (Without VPS/PDC) .....	10-13
10-12 Function-Timer (With AV-Link) .....	10-14
10-13 Function-Timer (Without AV-Link) .....	10-15
10-14 Remote-Control (Multi) .....	10-16
10-15 Remote-Control (VCR Only) .....	10-17

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## 10. Schematic Diagrams

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◆ Block Identification of Main PCB - - - - -	10-2
10-1 S.M.P.S. - - - - -	10-3
10-2 Power Drive - - - - -	10-4
10-3 System Control/Servo - - - - -	10-5
10-4 Audio/Video - - - - -	10-6
10-5 Hi-Fi - - - - -	10-7
10-6 TM-Block - - - - -	10-8
10-7 SECAM - - - - -	10-9
10-8 A2/NICAM - - - - -	10-10
10-9 Input-Output - - - - -	10-11
10-10 OSD/VPS/PDC - - - - -	10-12
10-11 OSD (Without VPS/PDC) - - - - -	10-13
10-12 Function-Timer (With AV-Link) - - - - -	10-14
10-13 Function-Timer (Without AV-Link) - - - - -	10-15
10-14 Remote-Control (Multi) - - - - -	10-16
10-15 Remote-Control (VCR Only) - - - - -	10-17

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- 10-2

- 10-3

- 10-4

- 10-5

- 10-6

- 10-7

- 10-8

- 10-9

10-10

10-11

10-12

10-13

- 10-14

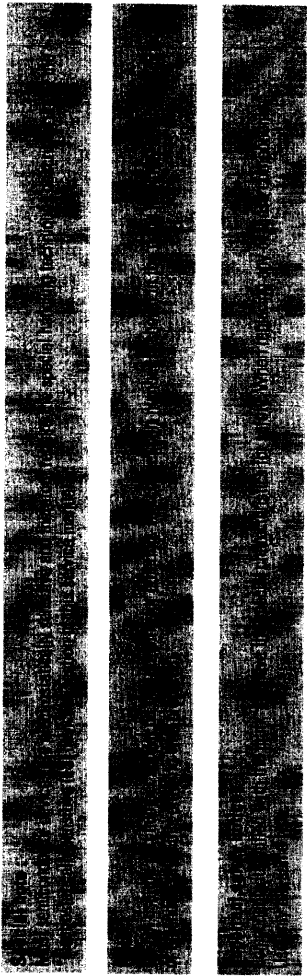
- 10-15

10-16

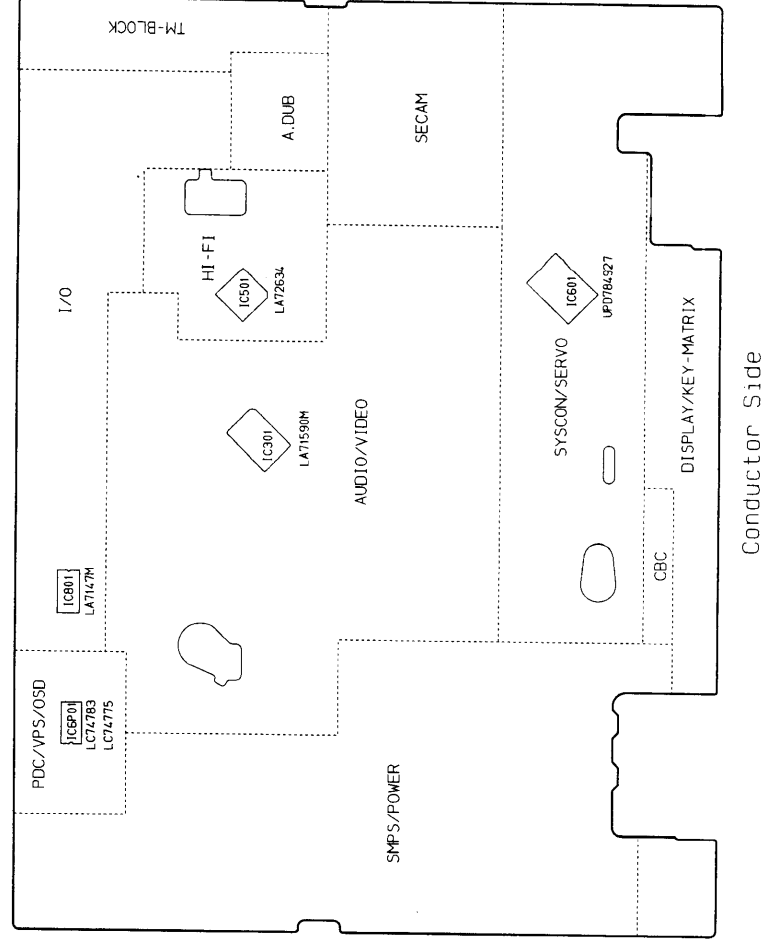
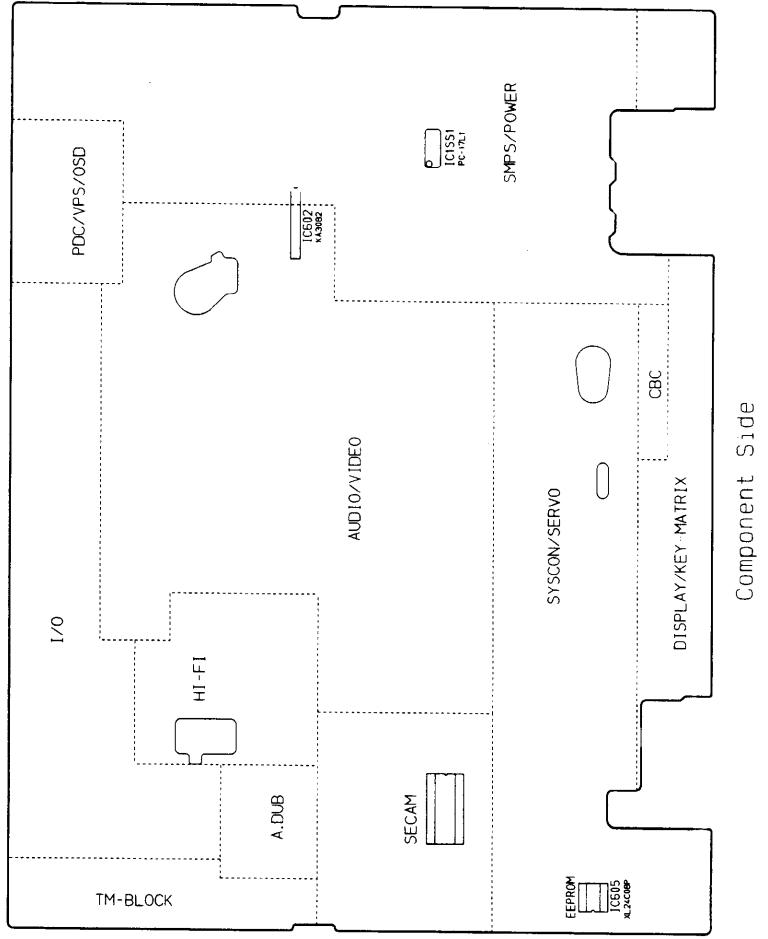
10-17

**Note**

For schematic Diagram  
 - Resistors are in ohms, 1/8W unless otherwise noted.



◆ **Block Identification of Main PCB**



**Note**

For schematic Diagram  
 - Resistors are in ohms, 1/8W unless otherwise noted.


**Special note :**

Most semiconductor devices are electrostatically sensitive and therefore require the special handling techniques described under the "electrostatically sensitive (ES) devices" section of this service manual.

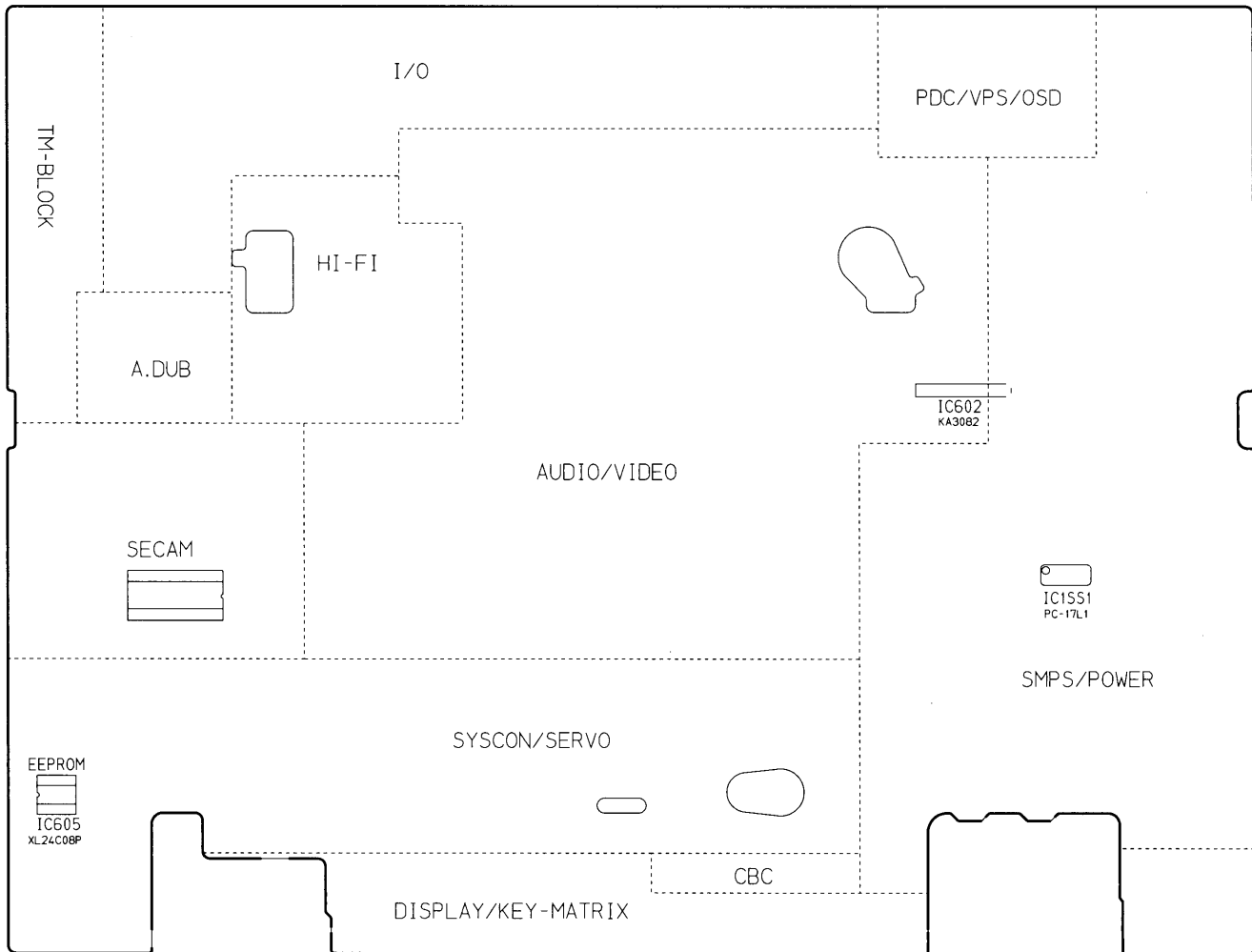
**Note :**

Do not use the part number shown on this drawing for ordering. The correct part number is shown in the parts list (may be slightly different or amended since this drawing was prepared).

**Important safety notices :**

Components identified with the mark  have the special characteristics for safety. When replacing any of these components. Use only the same type.

◆ **Block Identification of Main PCB**

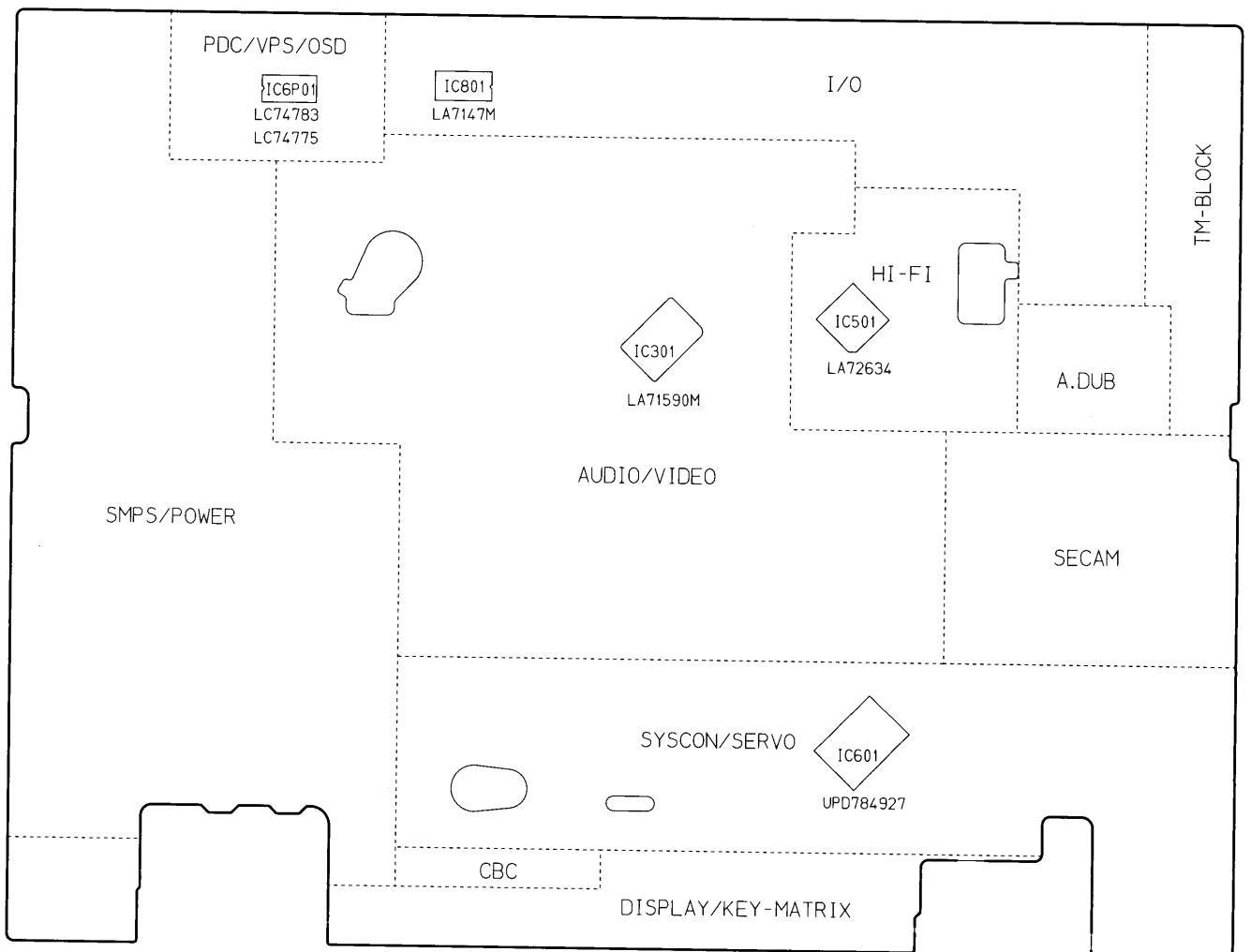


Component Side

cribed under the

may be slightly different

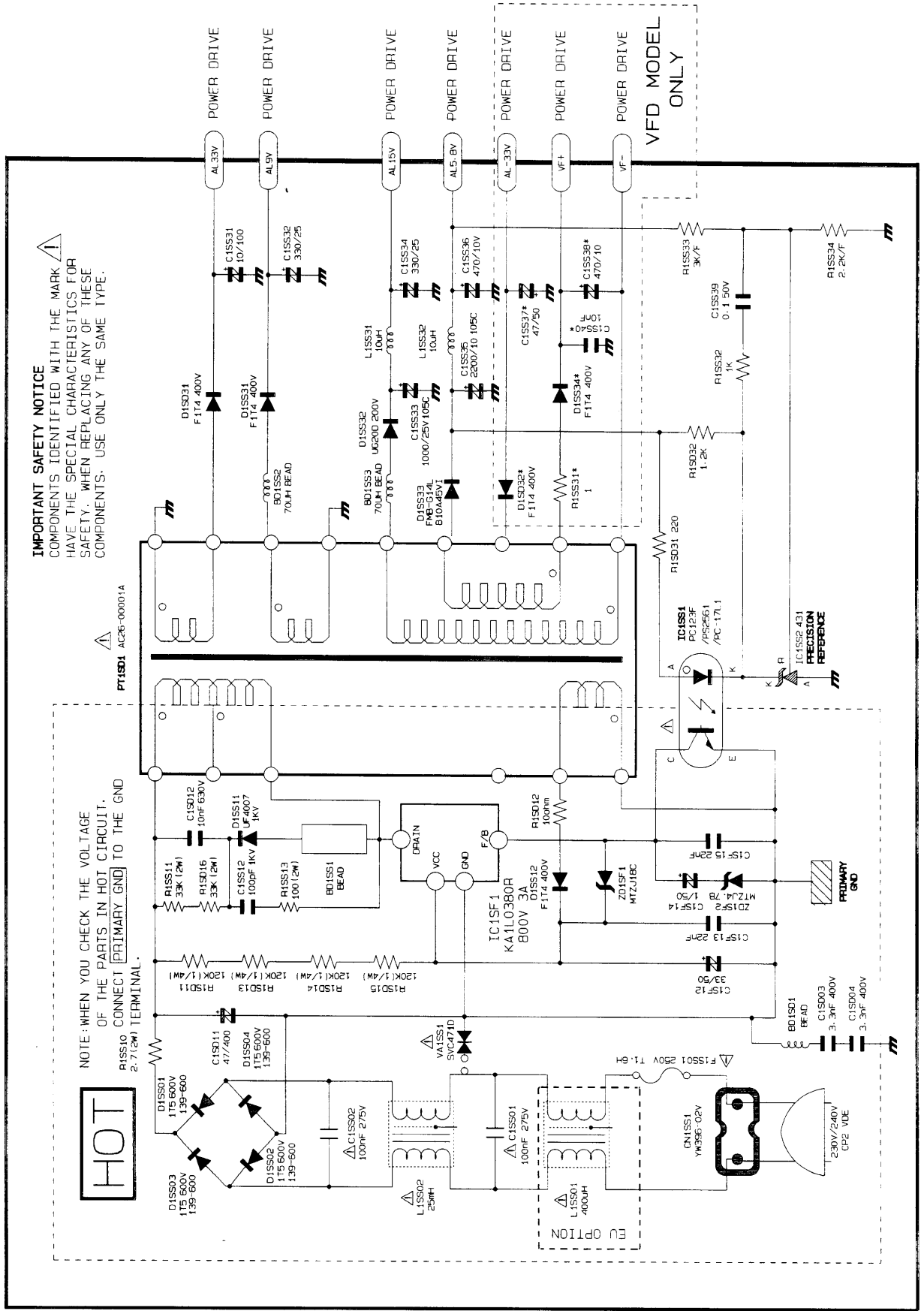
ponents.



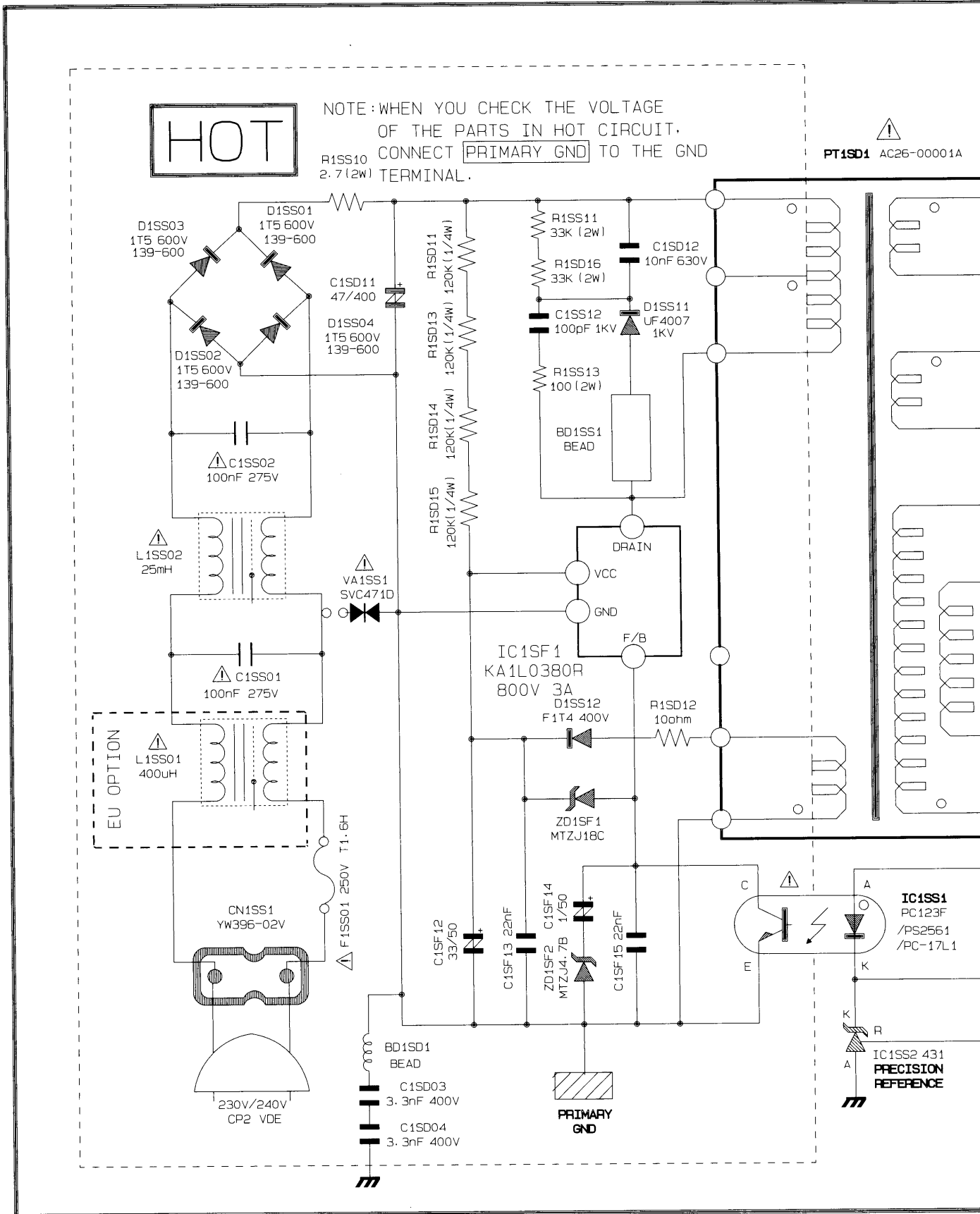
Conductor Side




10-1 S.M.P.S./Power




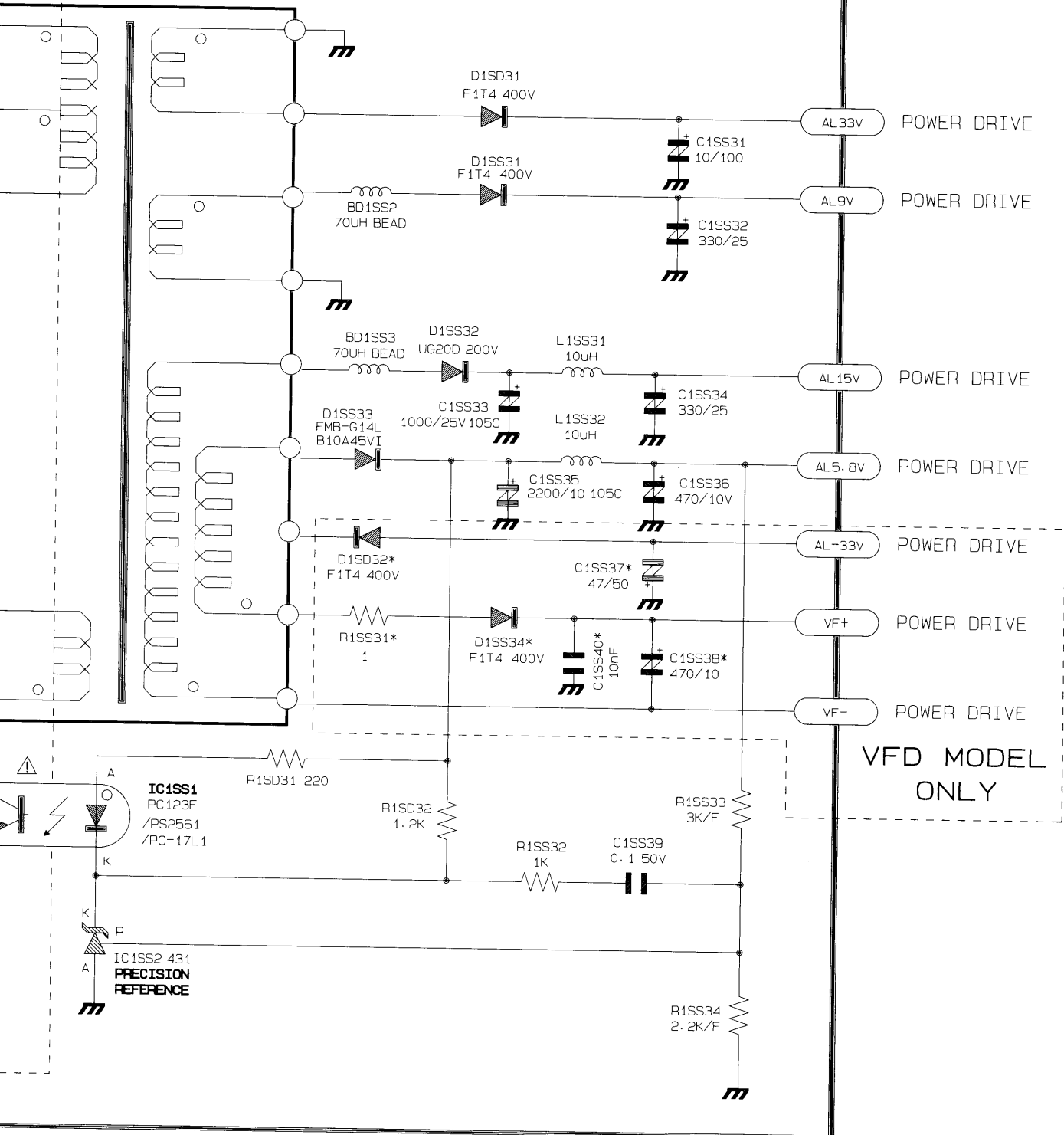
# 10-1 S.M.P.S./Power



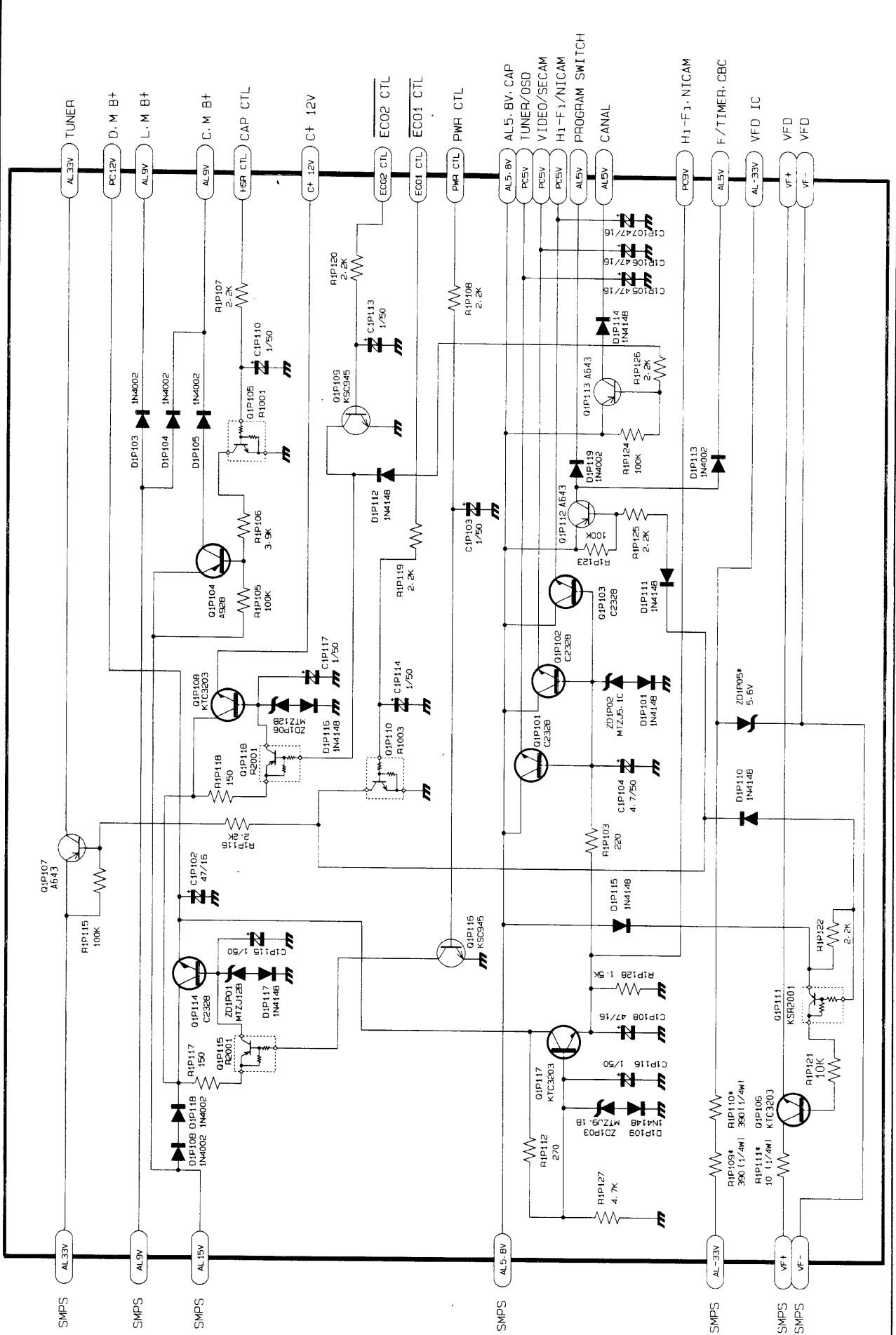
**IMPORTANT SAFETY NOTICE**

COMPONENTS IDENTIFIED WITH THE MARK  HAVE THE SPECIAL CHARACTERISTICS FOR SAFETY. WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY THE SAME TYPE.

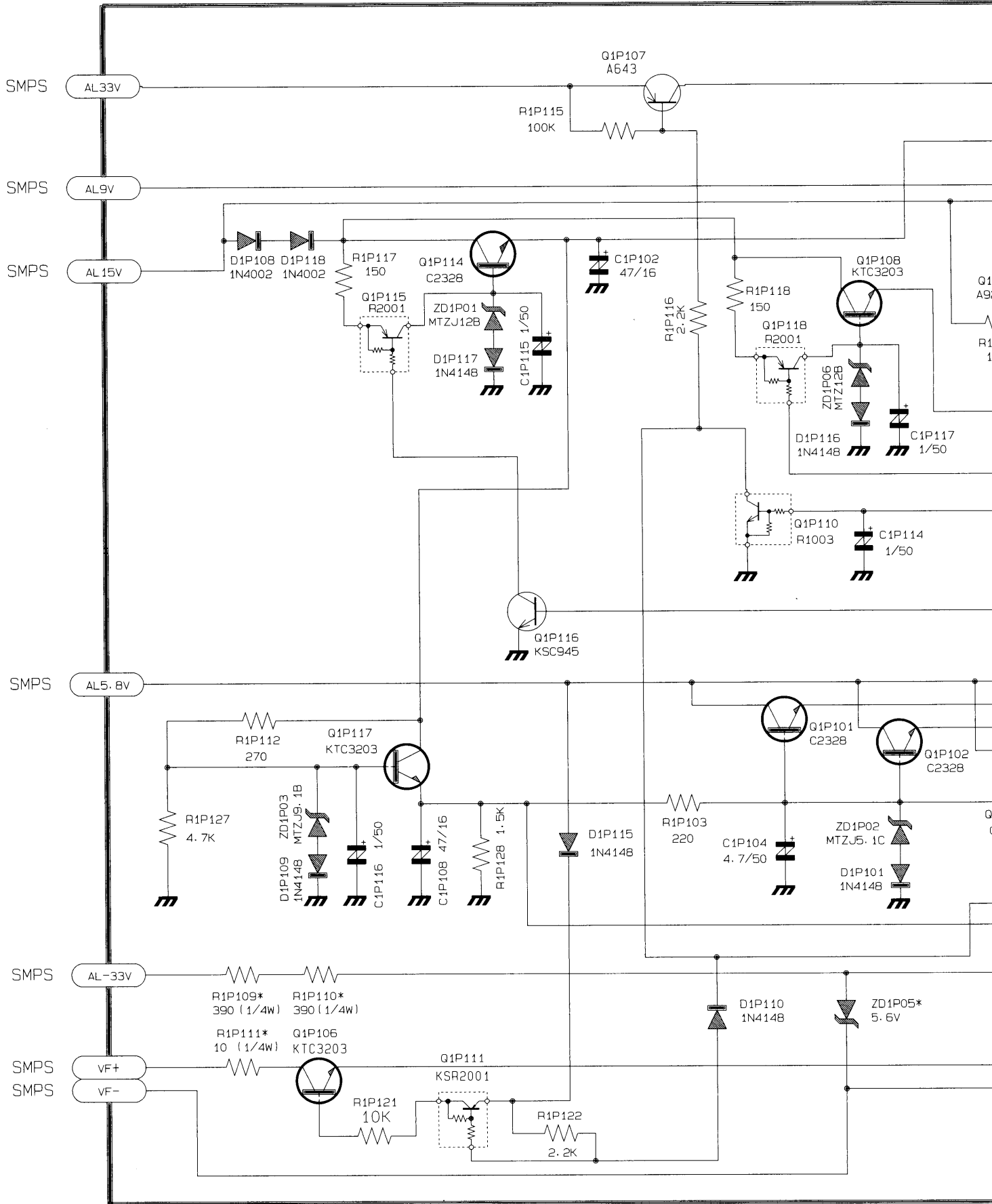
 **PT1SD1** AC26-00001A

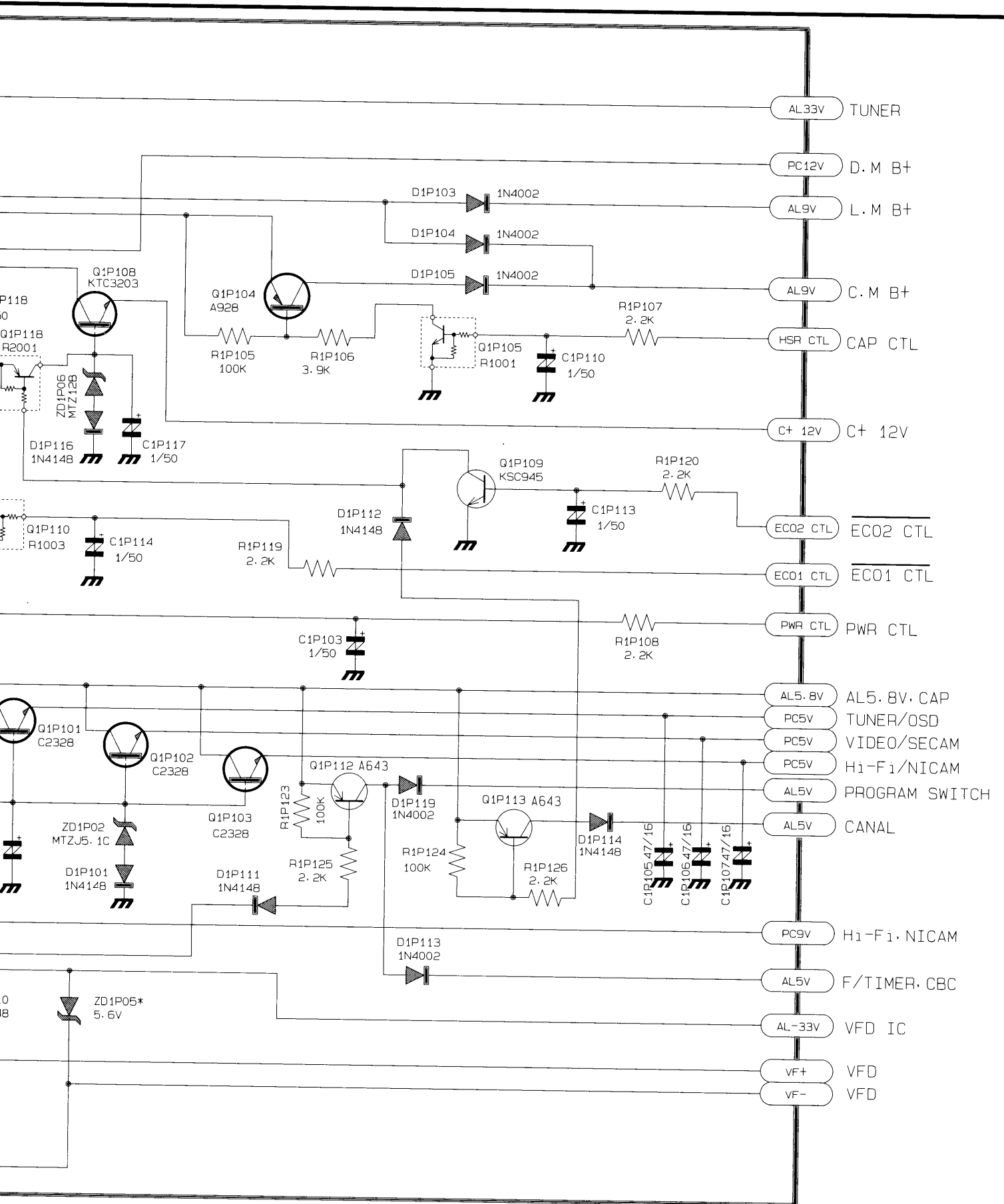


### 10-2 Power Drive

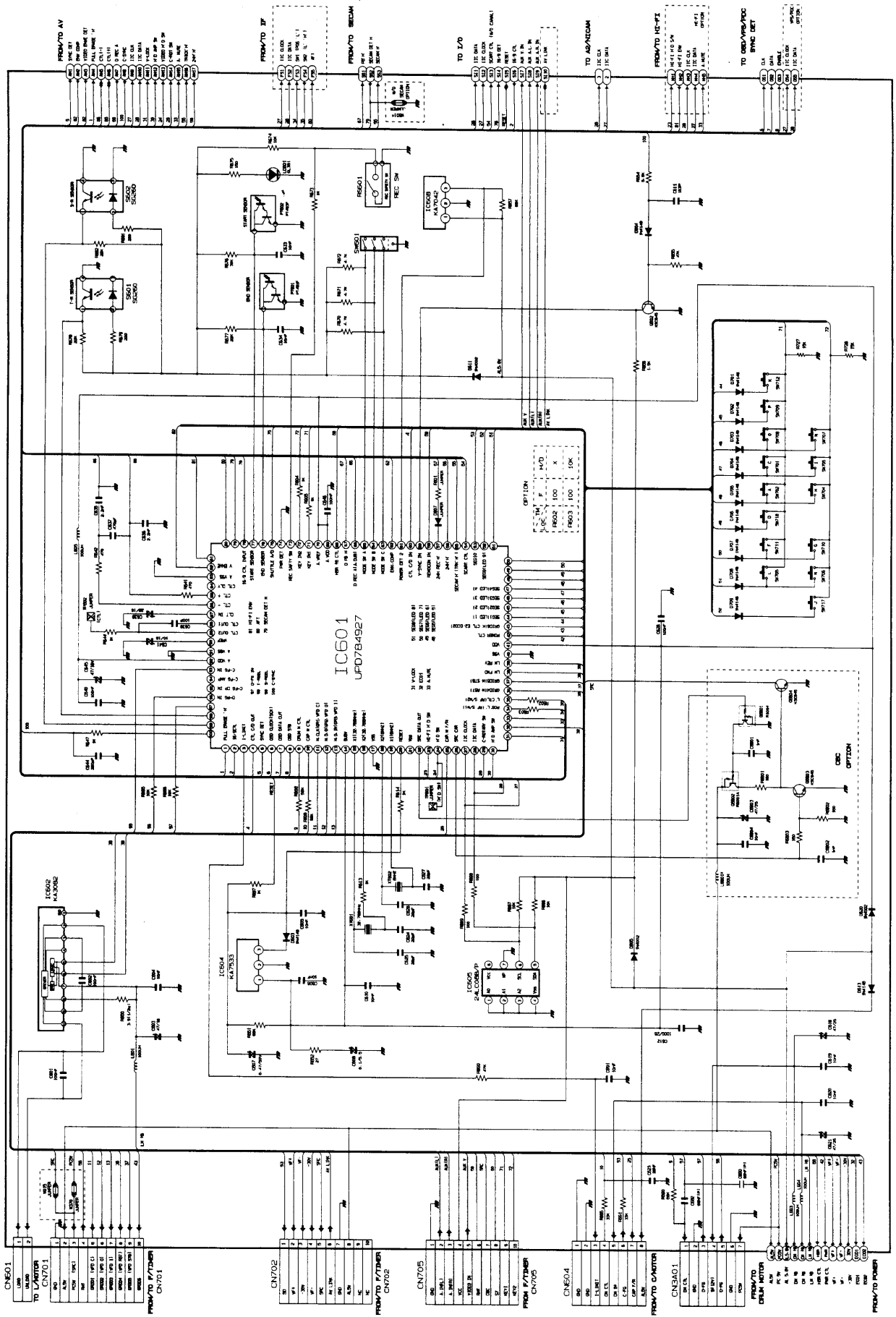


## 10-2 Power Drive

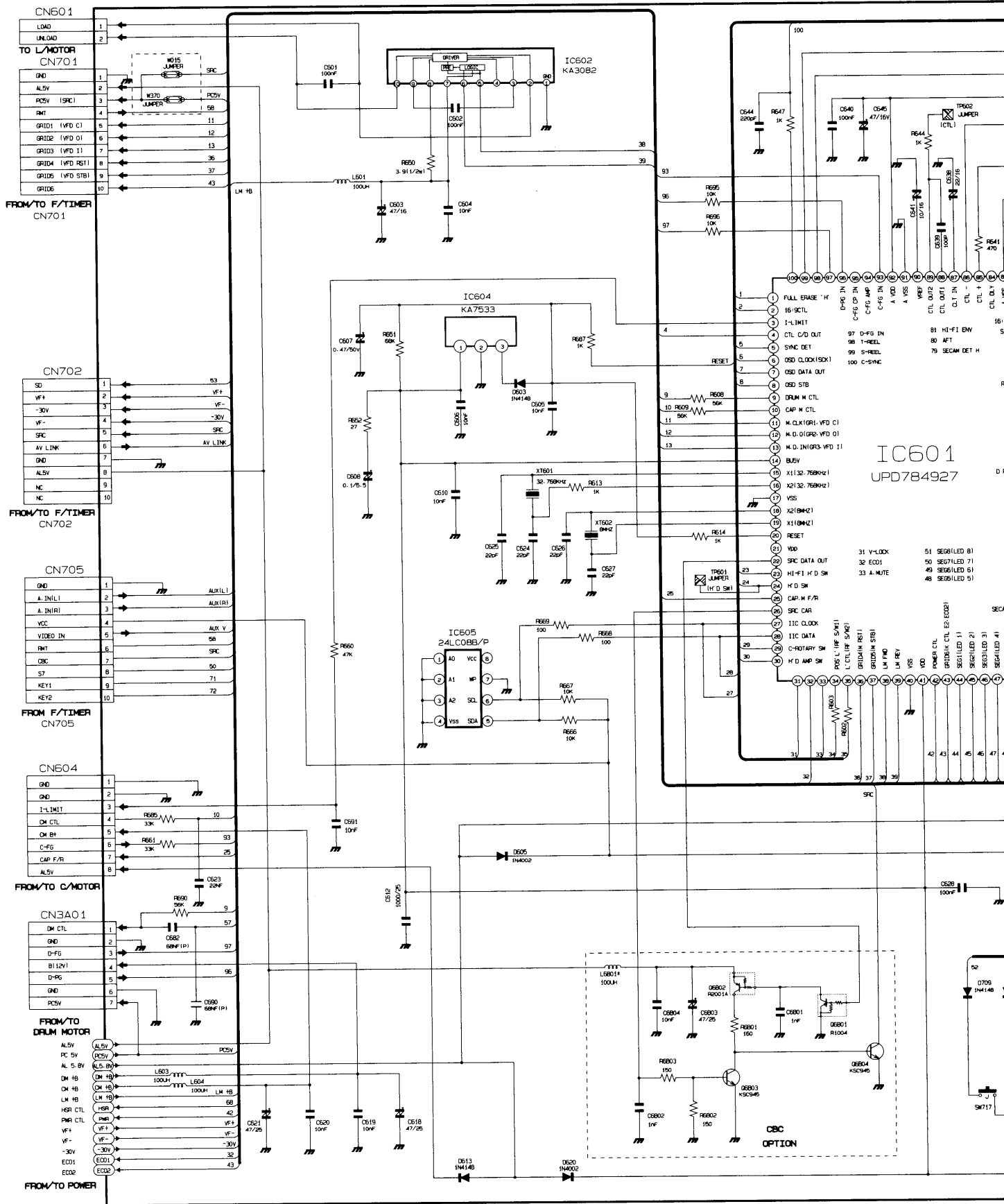




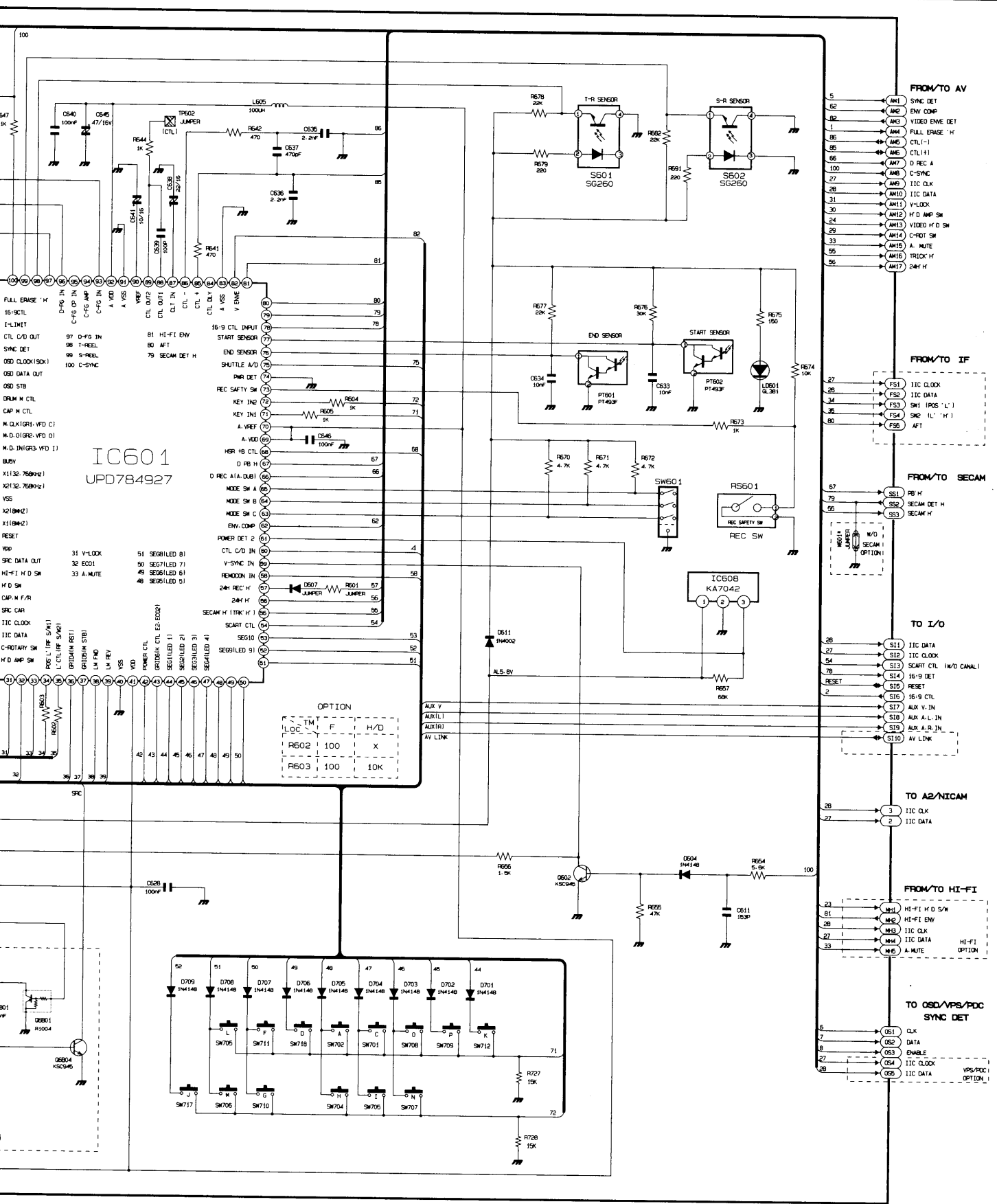
### 10-3 System Control/Servo



# 10-3 System Control/Servo

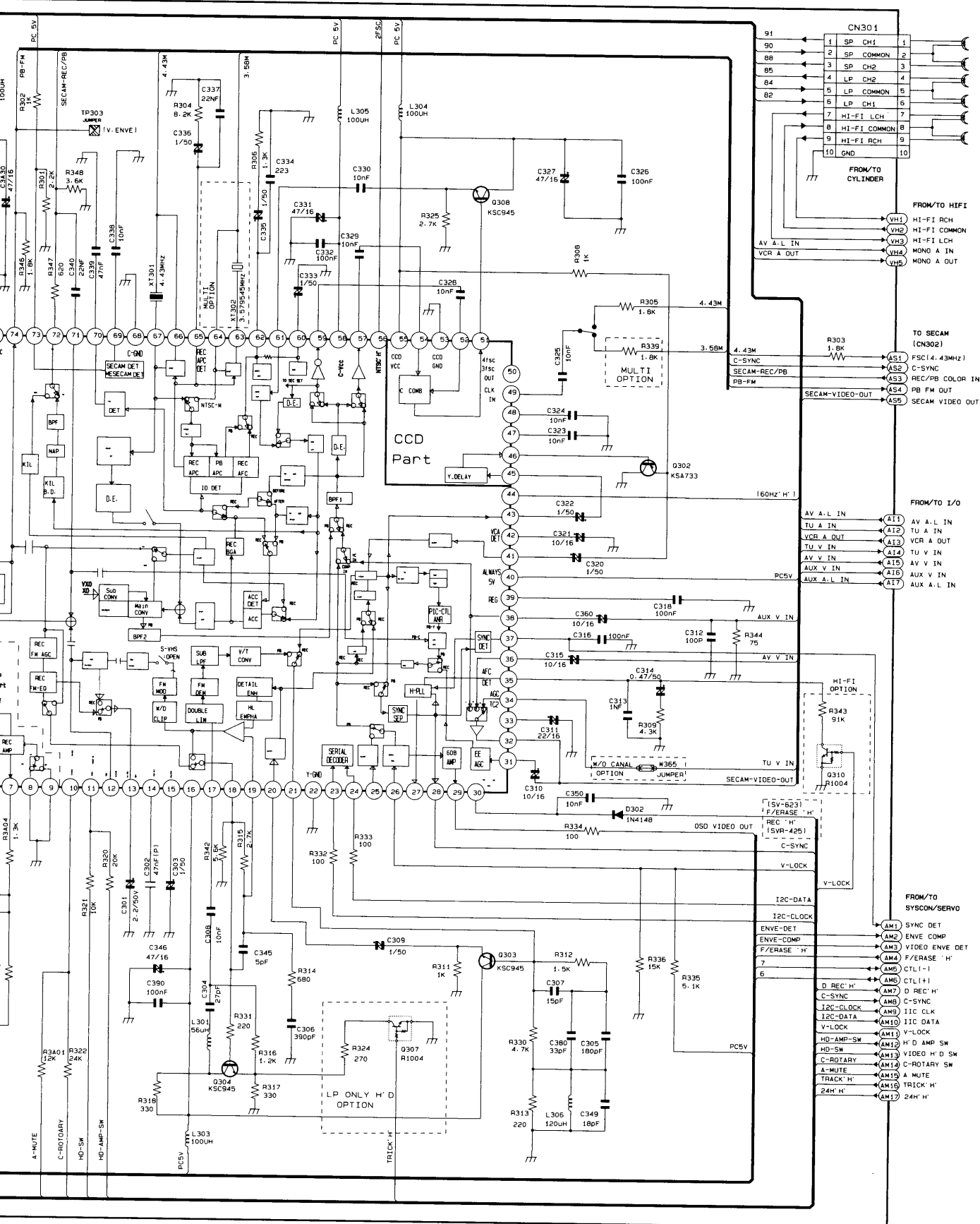




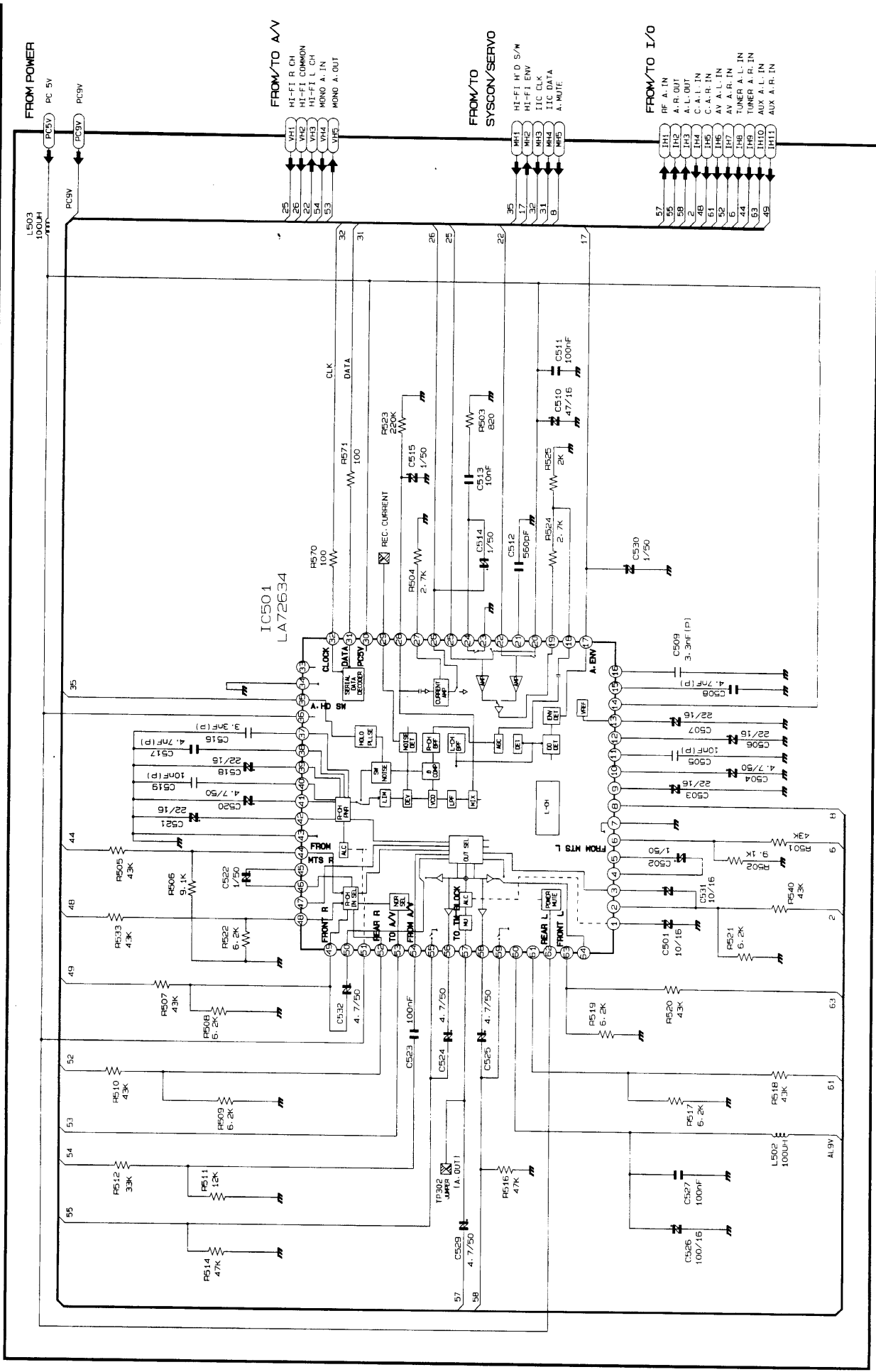






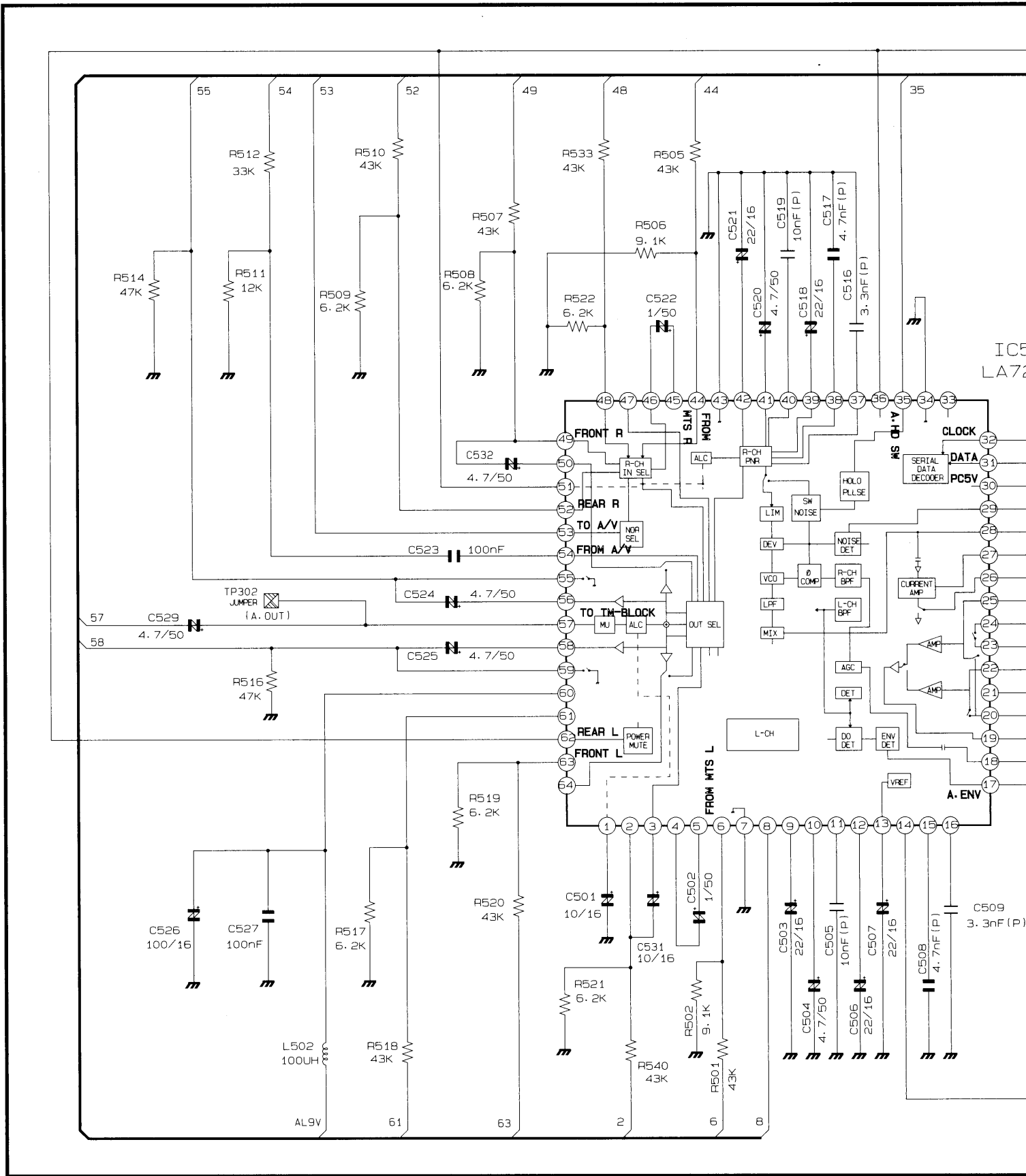


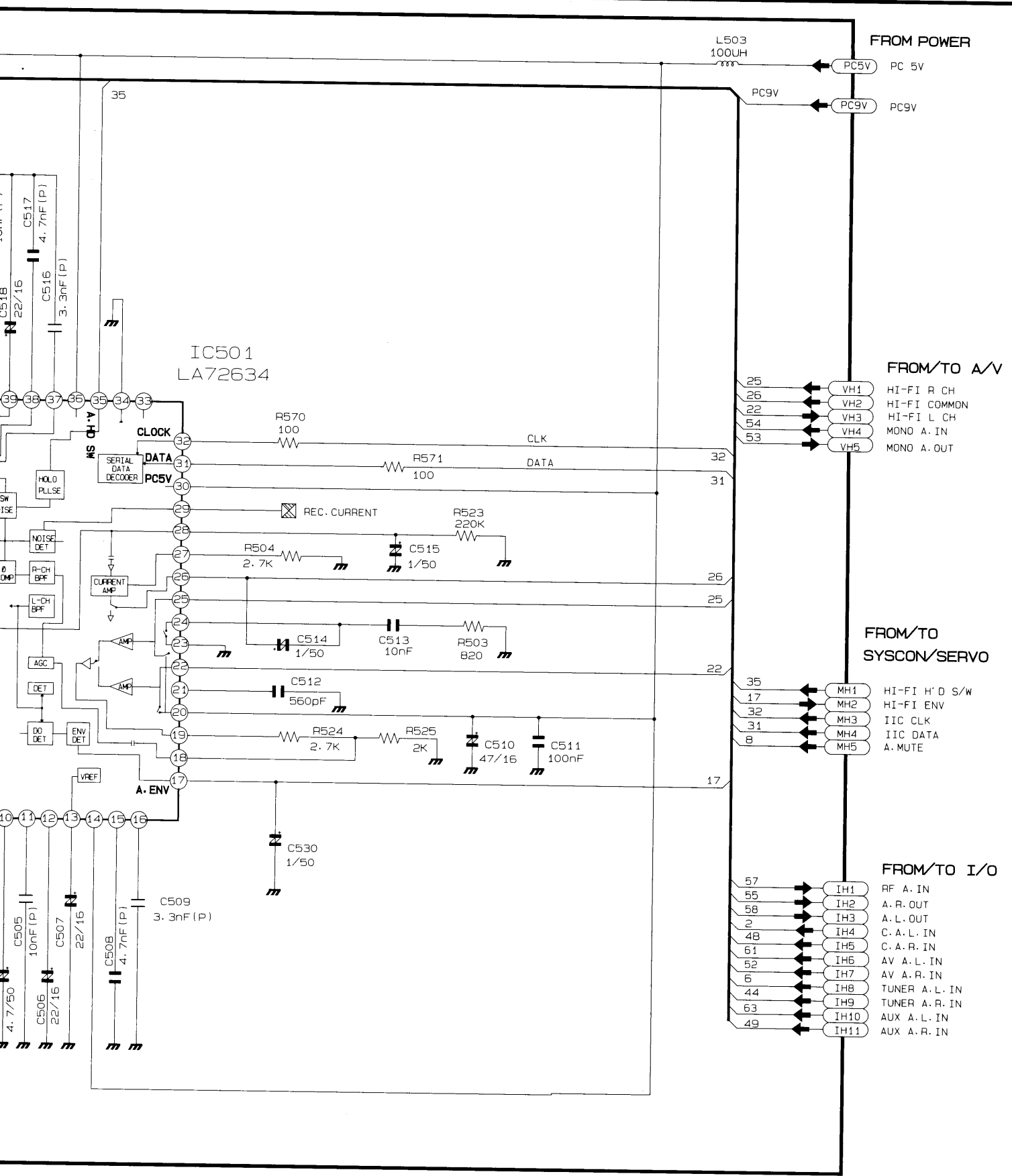
10-5 HI-FI



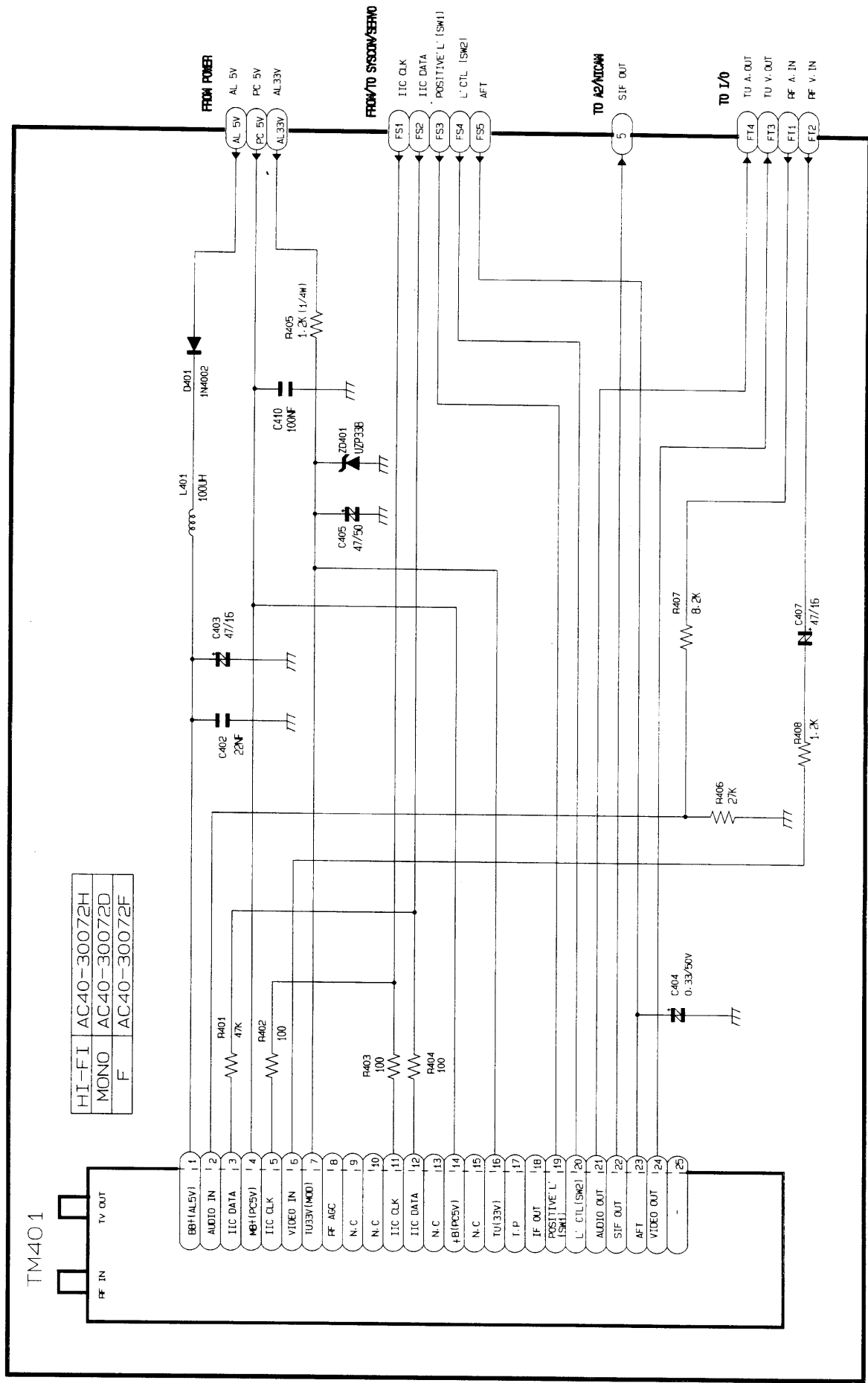
- FROM/TO A/V**
- 25 HI-FI R CH
  - 26 HI-FI COMMON
  - 27 HI-FI MONO
  - 54 MONO A. IN
  - 53 MONO A. OUT
- FROM/TO SYSCON/SERVO**
- 35 HI-FI HD S/W
  - 17 HI-FI ENV
  - 32 IIC CLK
  - 31 IIC DATA
  - 8 A.MUTE
- FROM/TO I/O**
- 57 RF A. IN
  - 55 A. R. OUT
  - 59 A. L. OUT
  - 2 C.A.L. IN
  - 48 C.A.L. IN
  - 51 A. L. IN
  - 6 A. L. IN
  - 14 TUNER A. L. IN
  - 24 TUNER A. R. IN
  - 53 AUX A. R. IN
  - 49 AUX A. R. IN

10-5 Hi-Fi



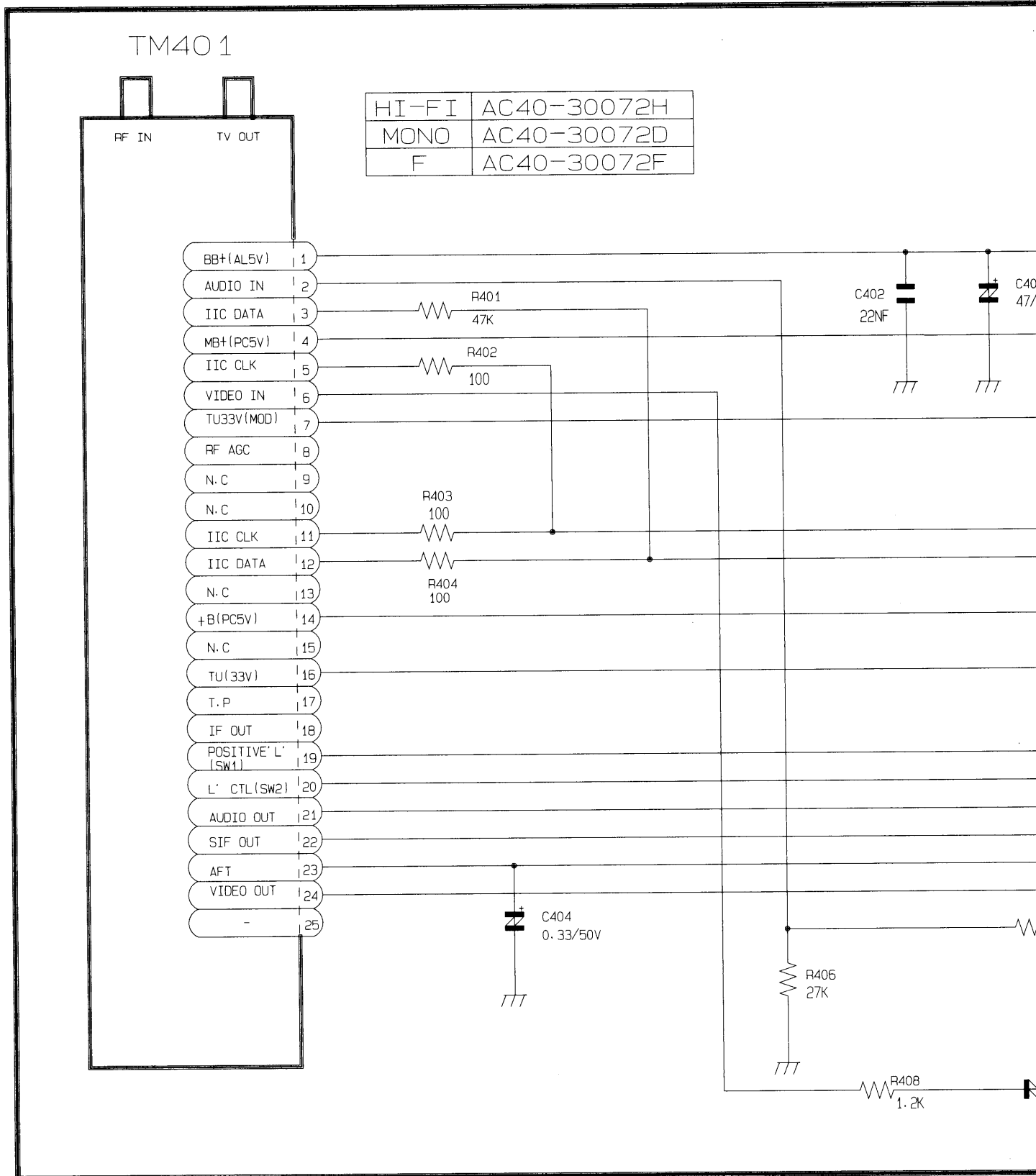


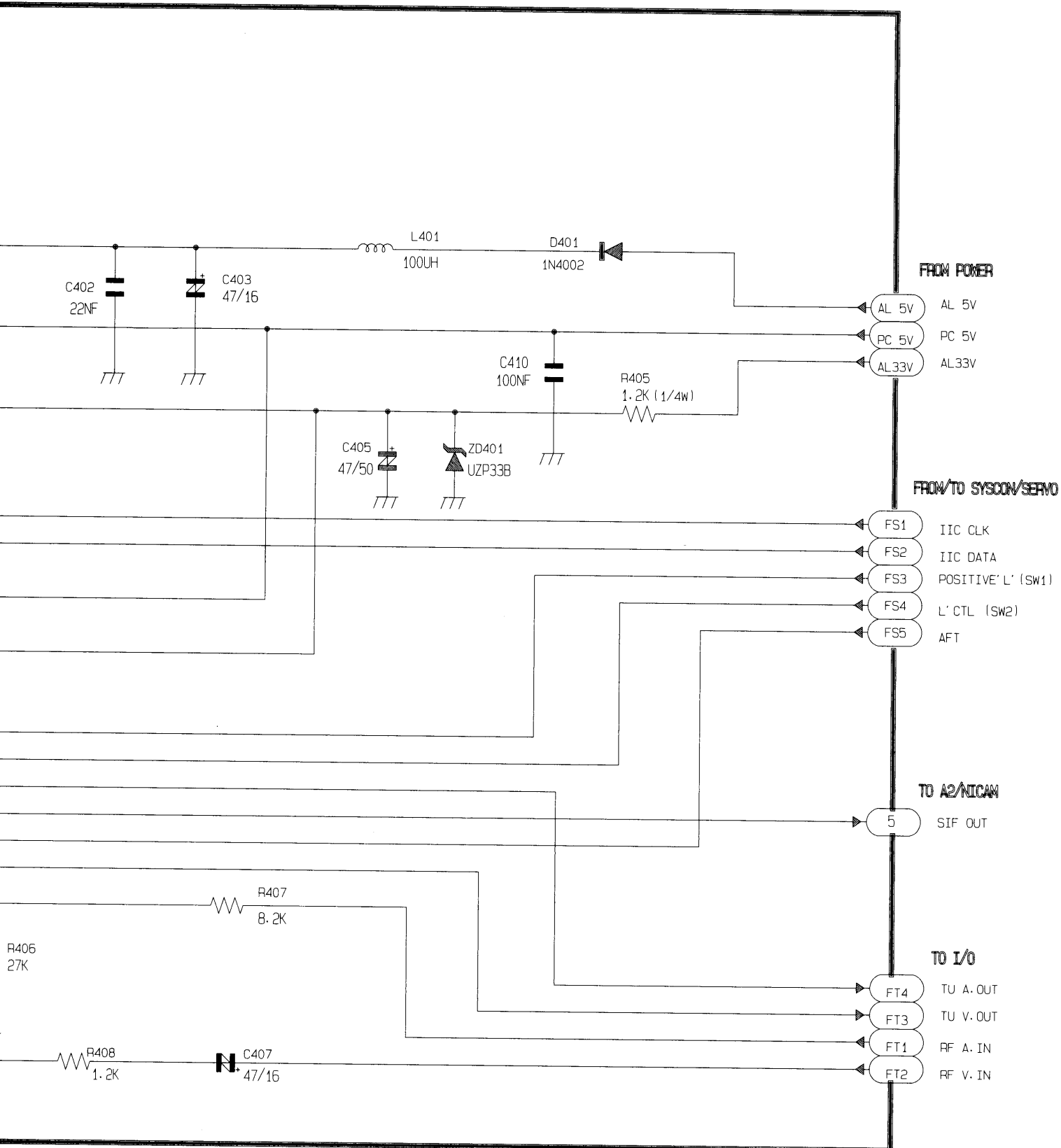
10-6 TM-Block



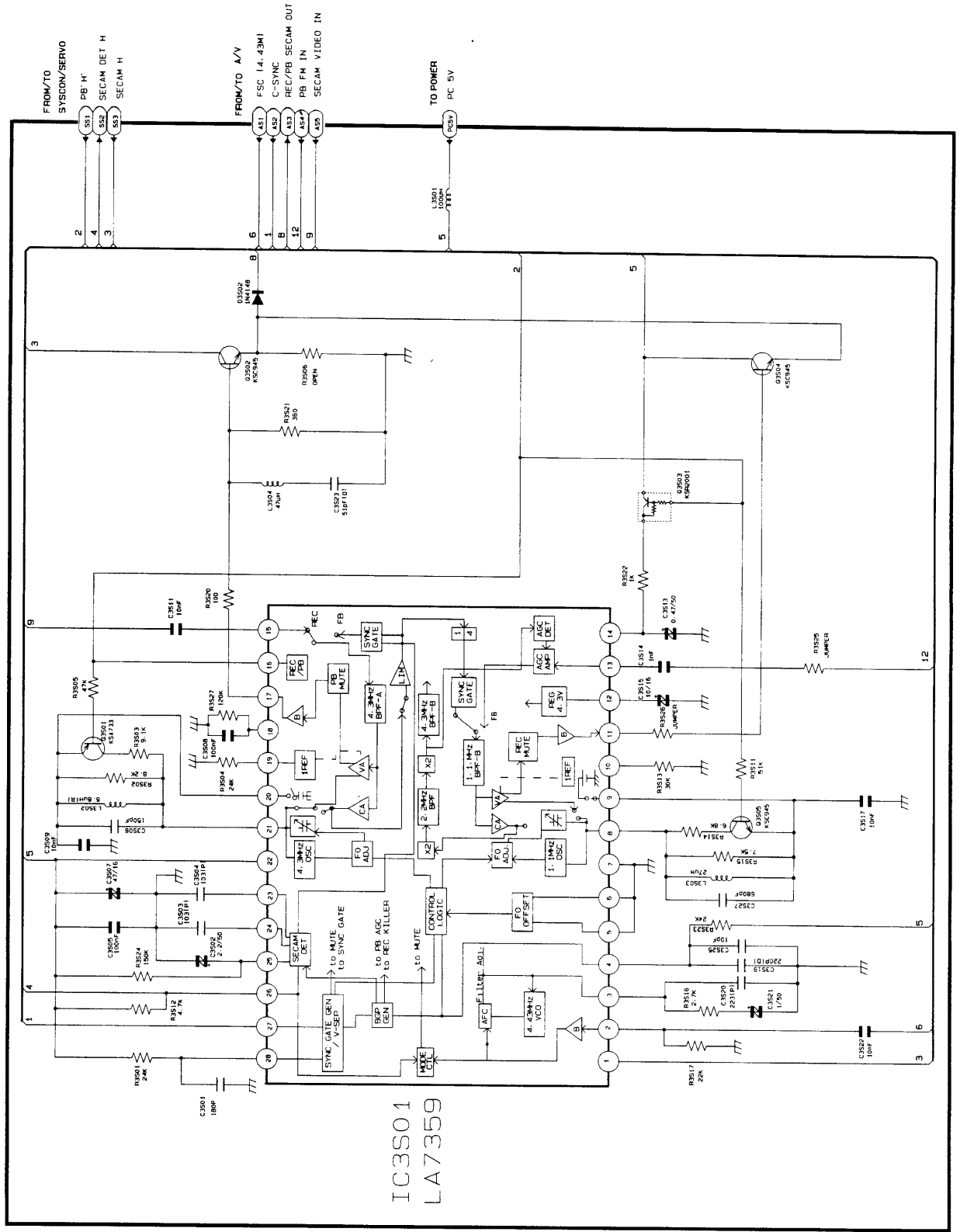


### 10-6 TM-Block

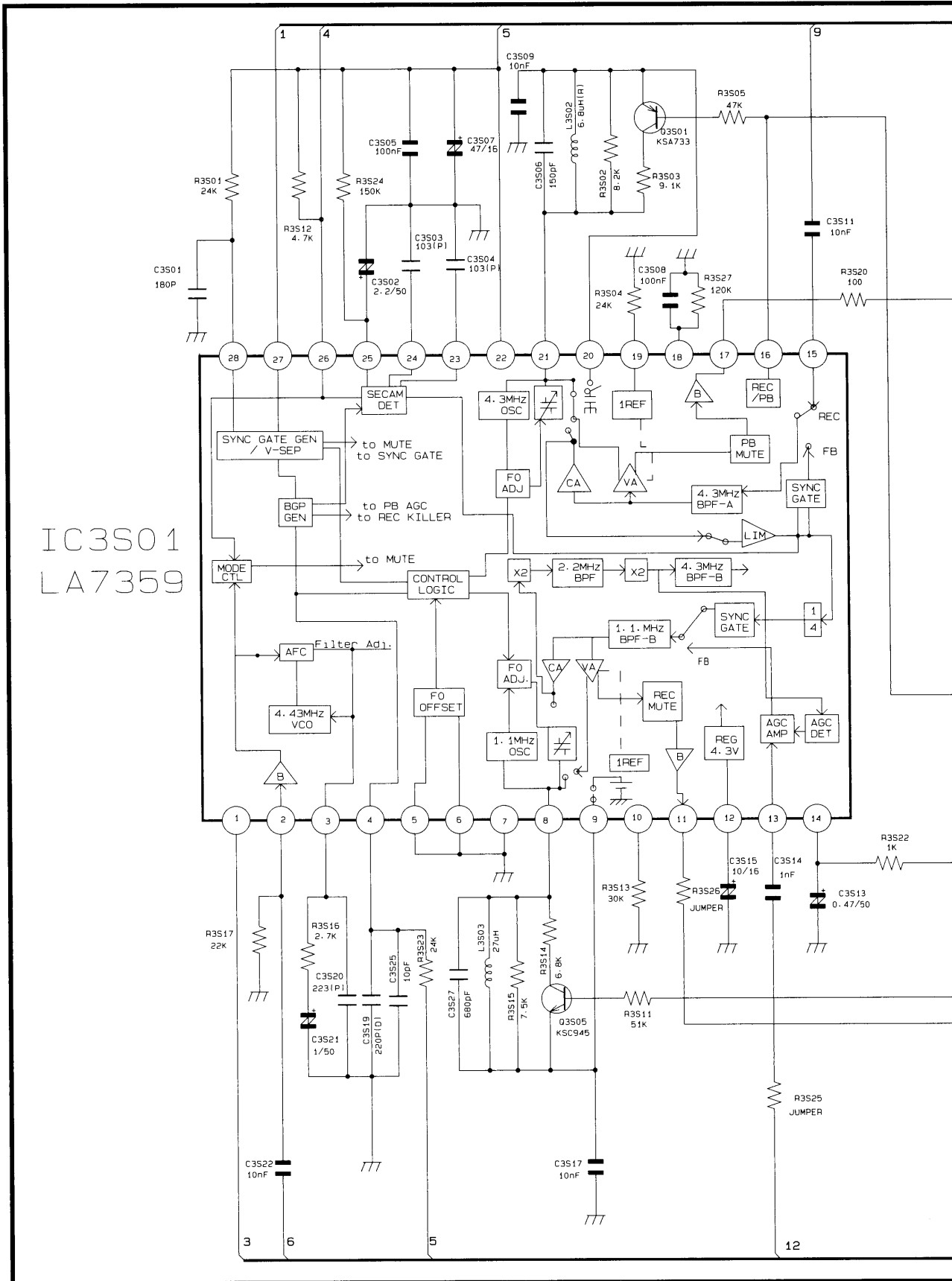




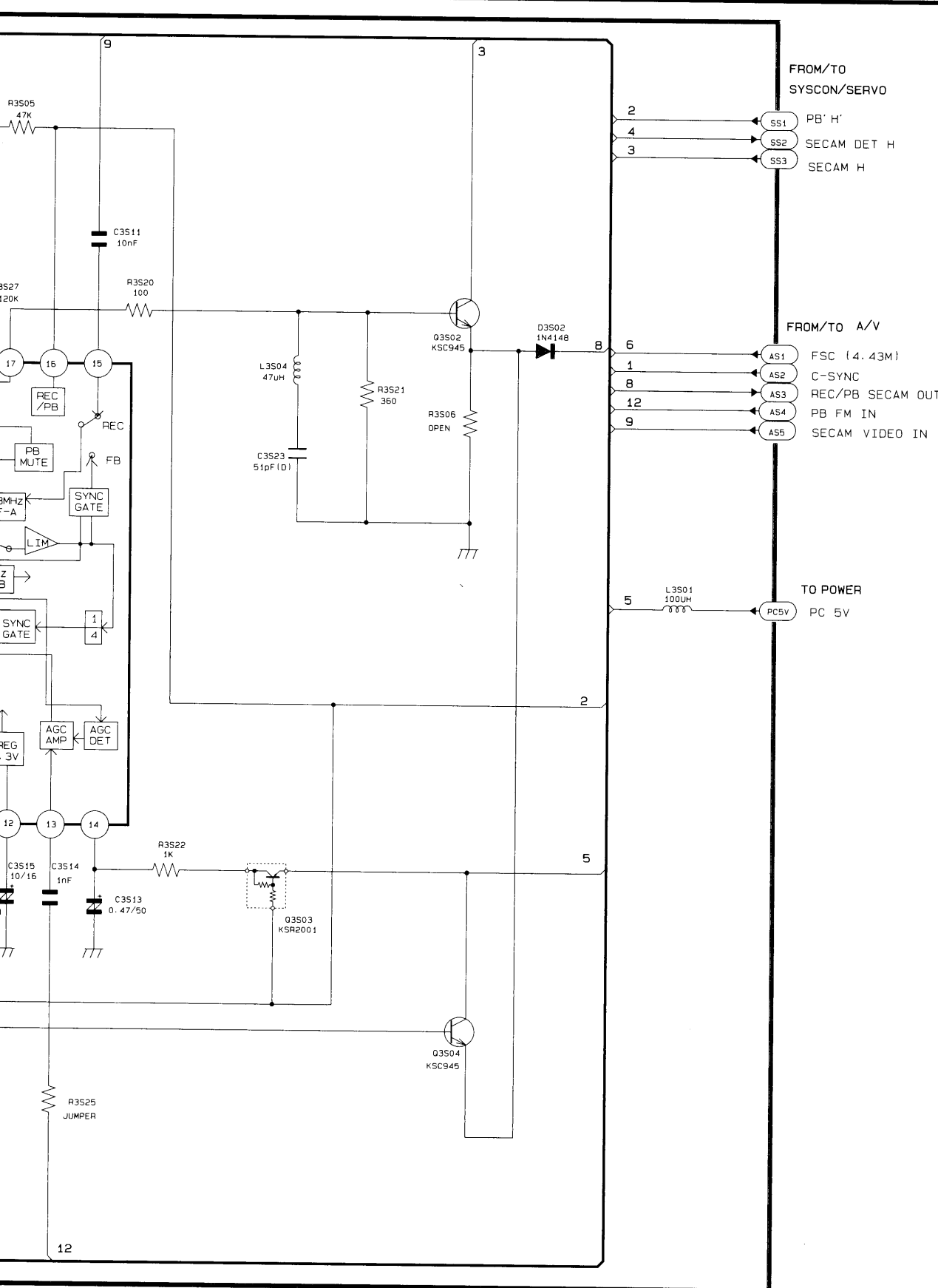
10-7 SECAM



# 10-7 SECAM



IC3501  
LA7359



FROM/TO  
SYSCON/SERVO

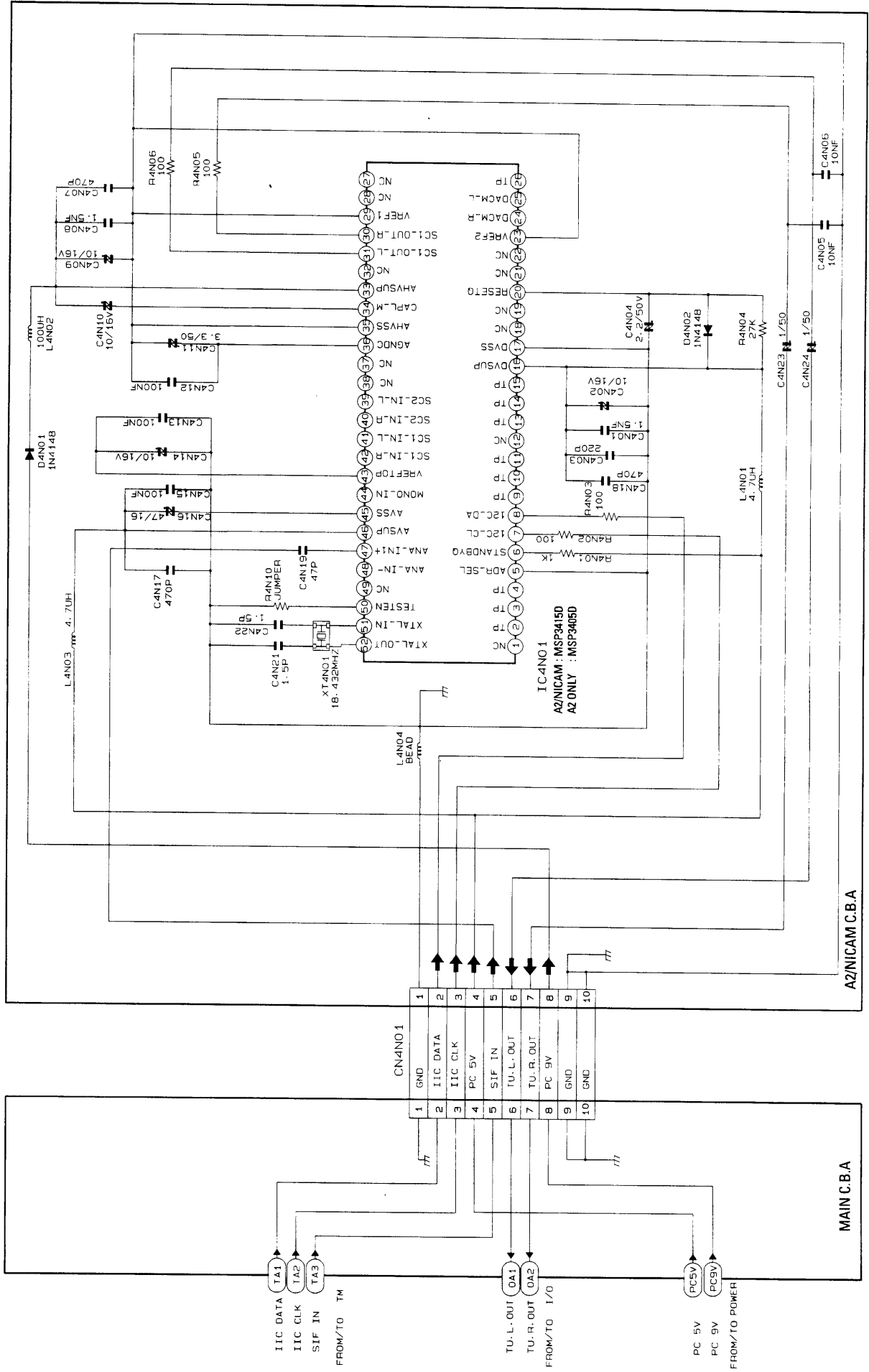
- 2 SS1 PB' H'
- 4 SS2 SECAM DET H
- 3 SS3 SECAM H

FROM/TO A/V

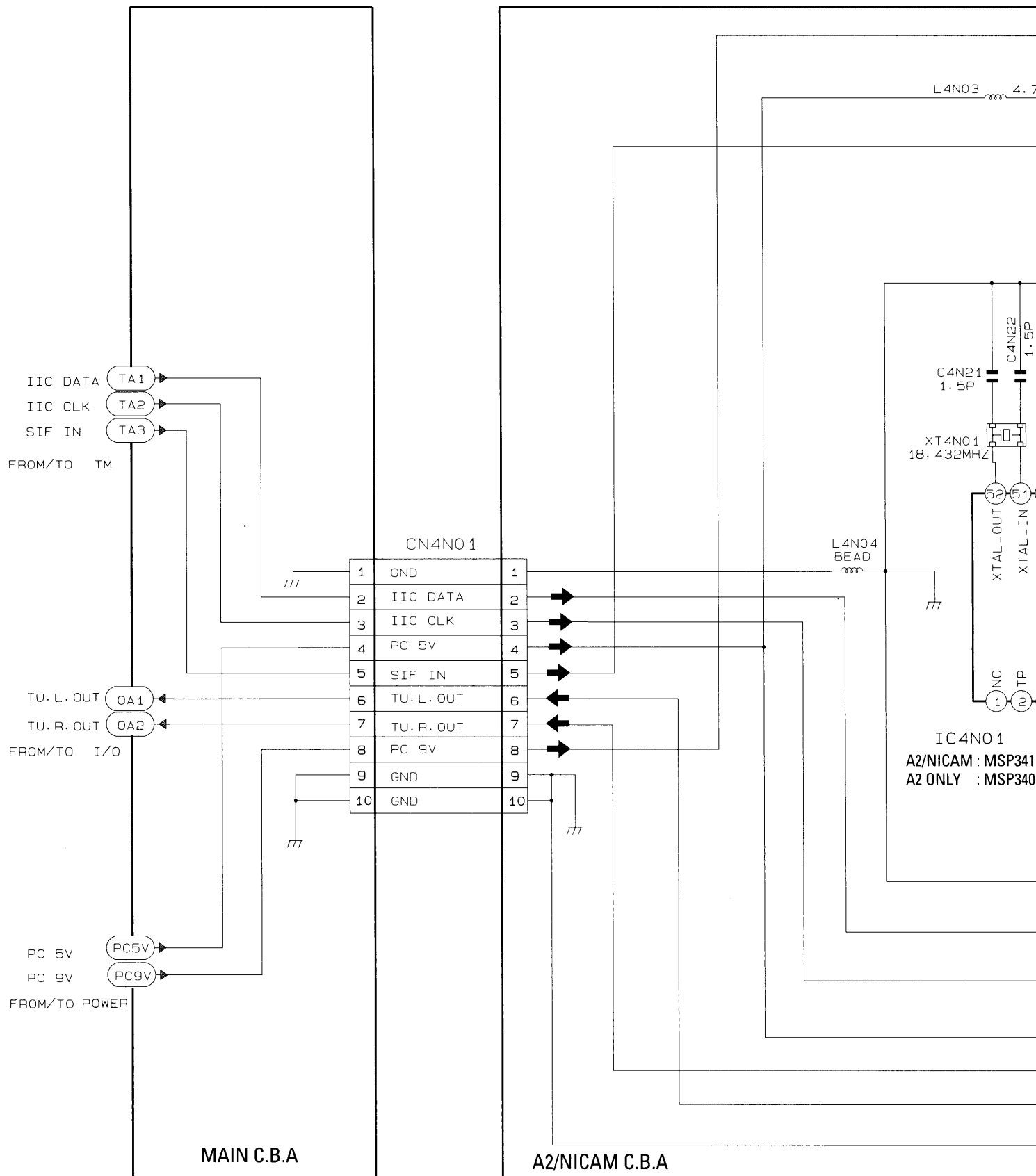
- 6 AS1 FSC (4.43M)
- 1 AS2 C-SYNC
- 8 AS3 REC/PB SECAM OUT
- 12 AS4 PB FM IN
- 9 AS5 SECAM VIDEO IN

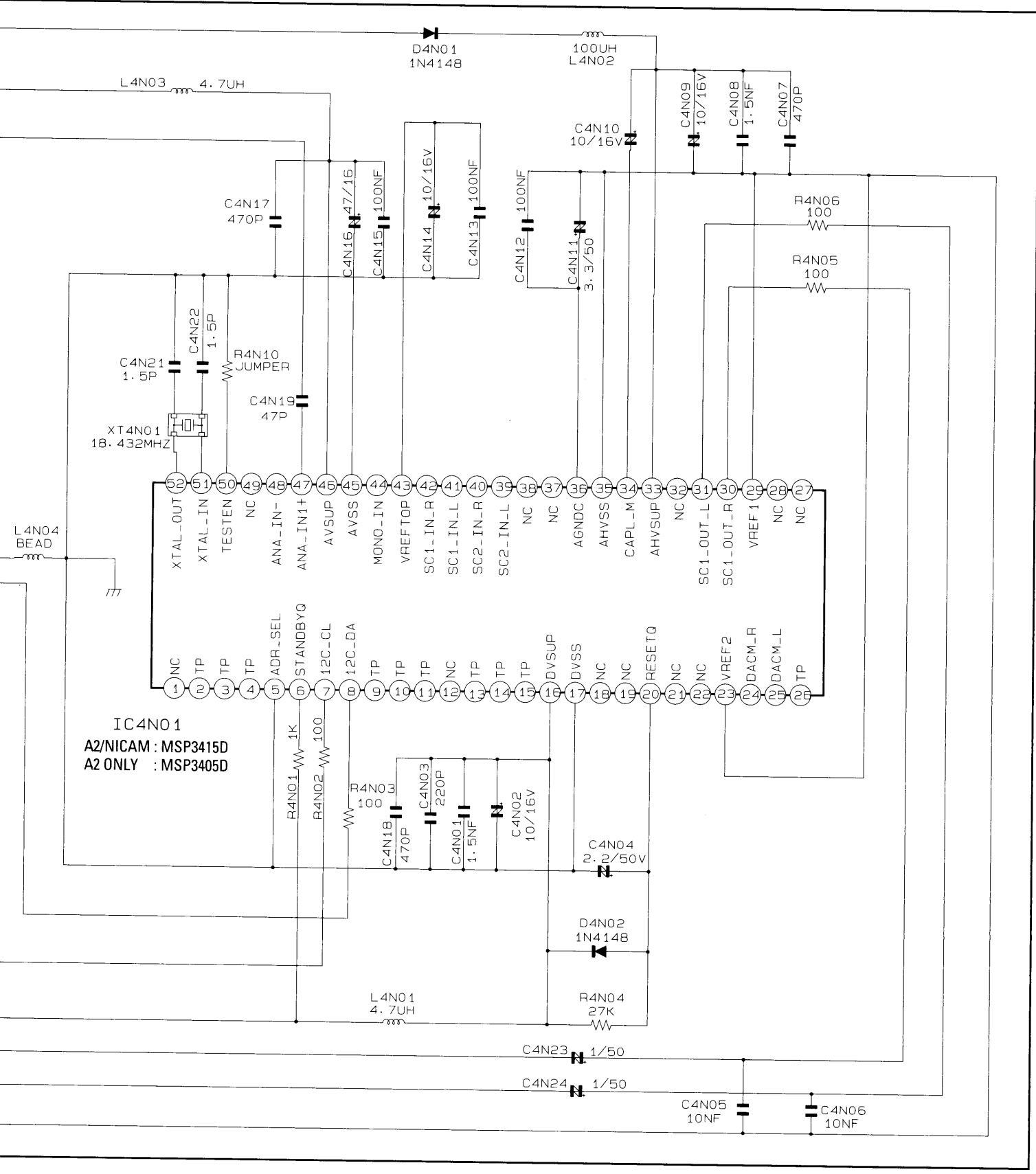
TO POWER  
PC 5V

10-8 A2/NICAM



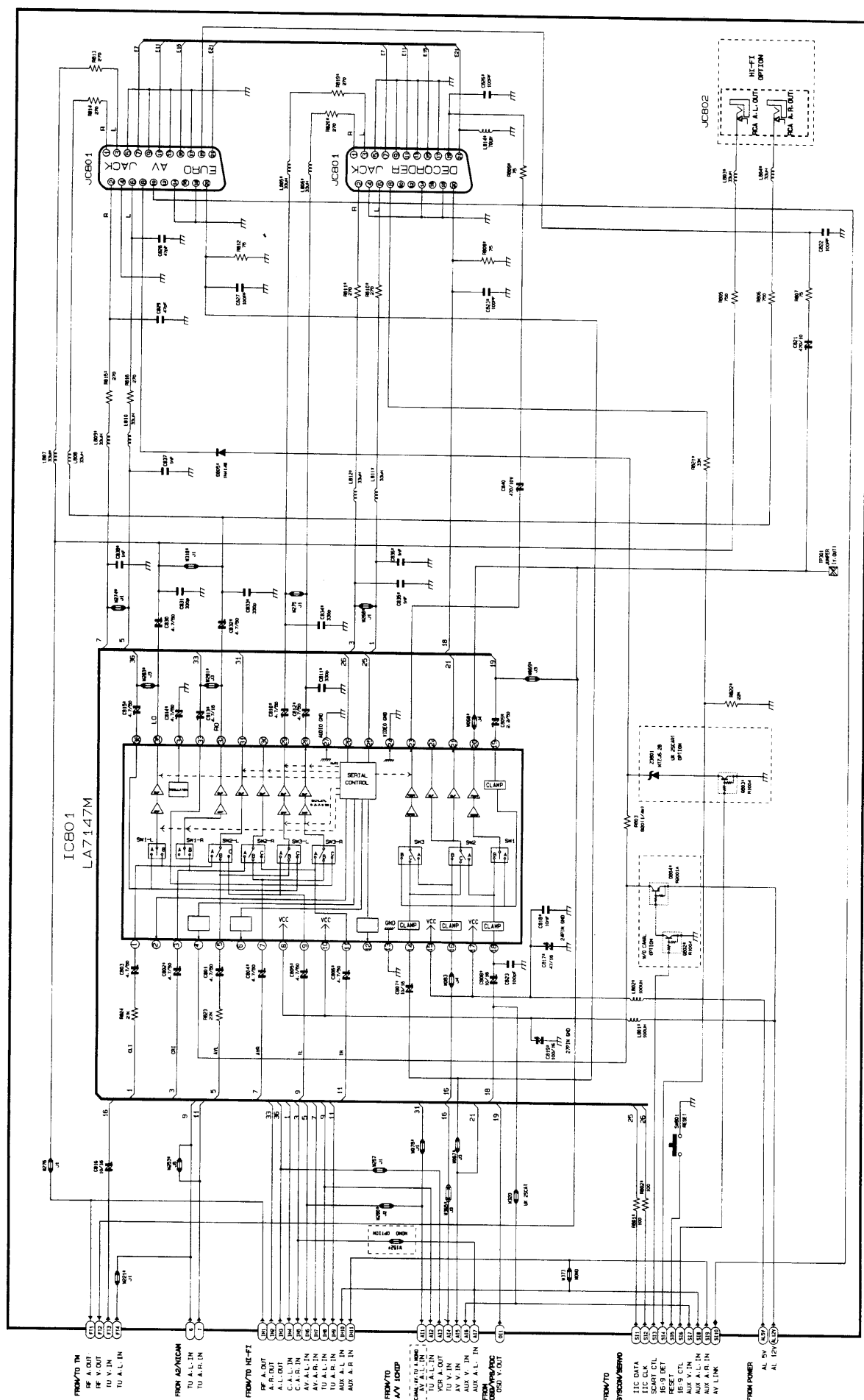
# 10-8 A2/NICAM



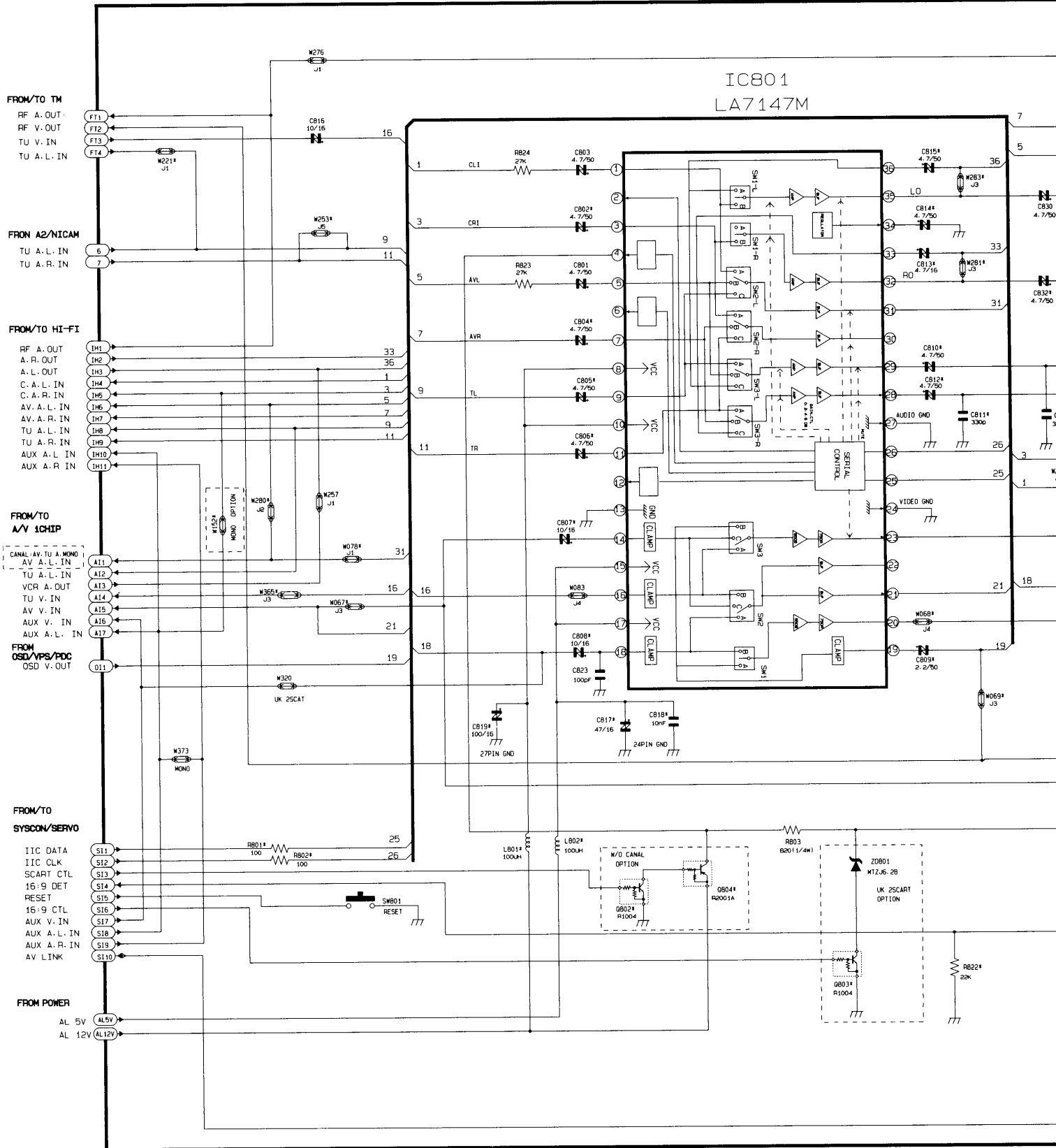


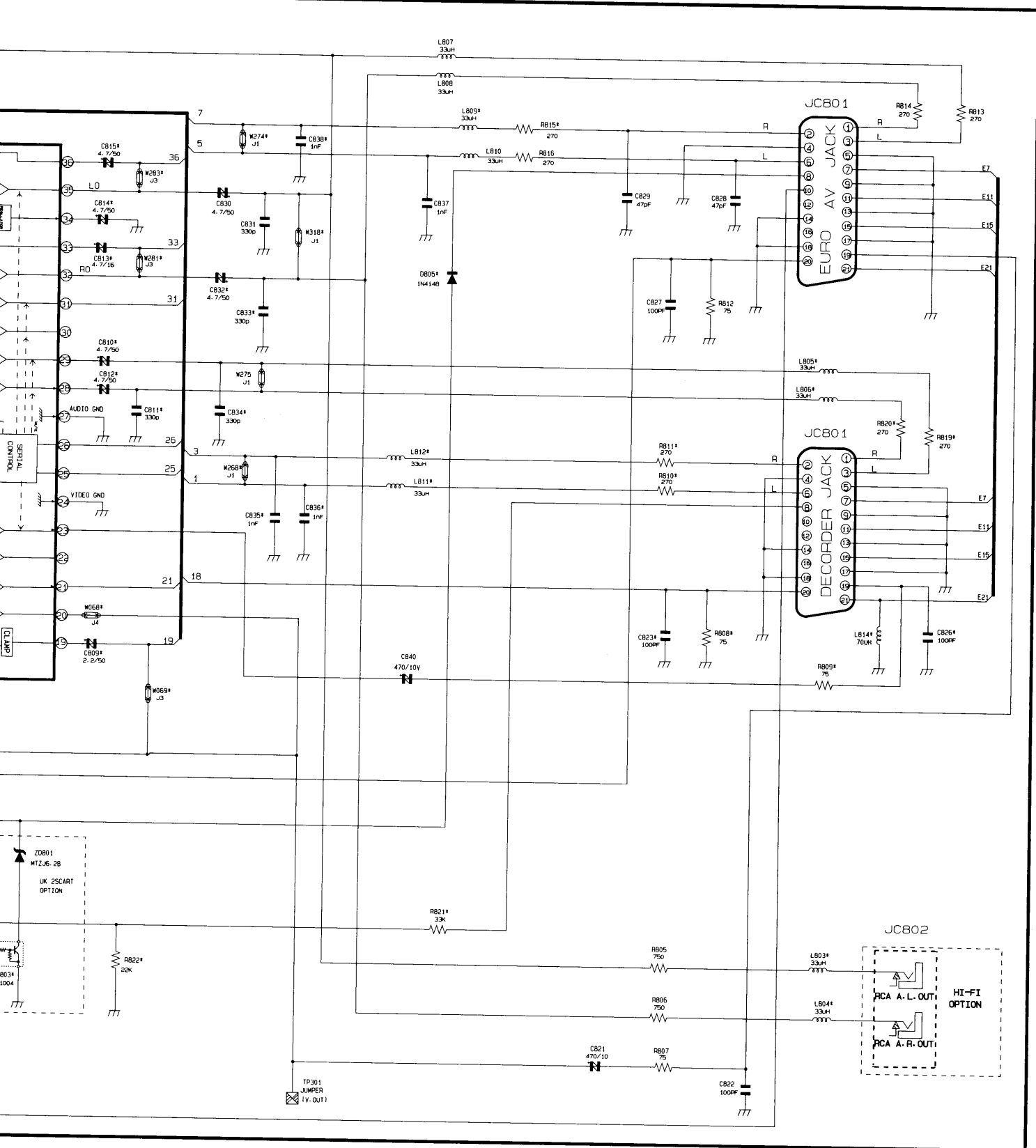


10-9 Input-Output

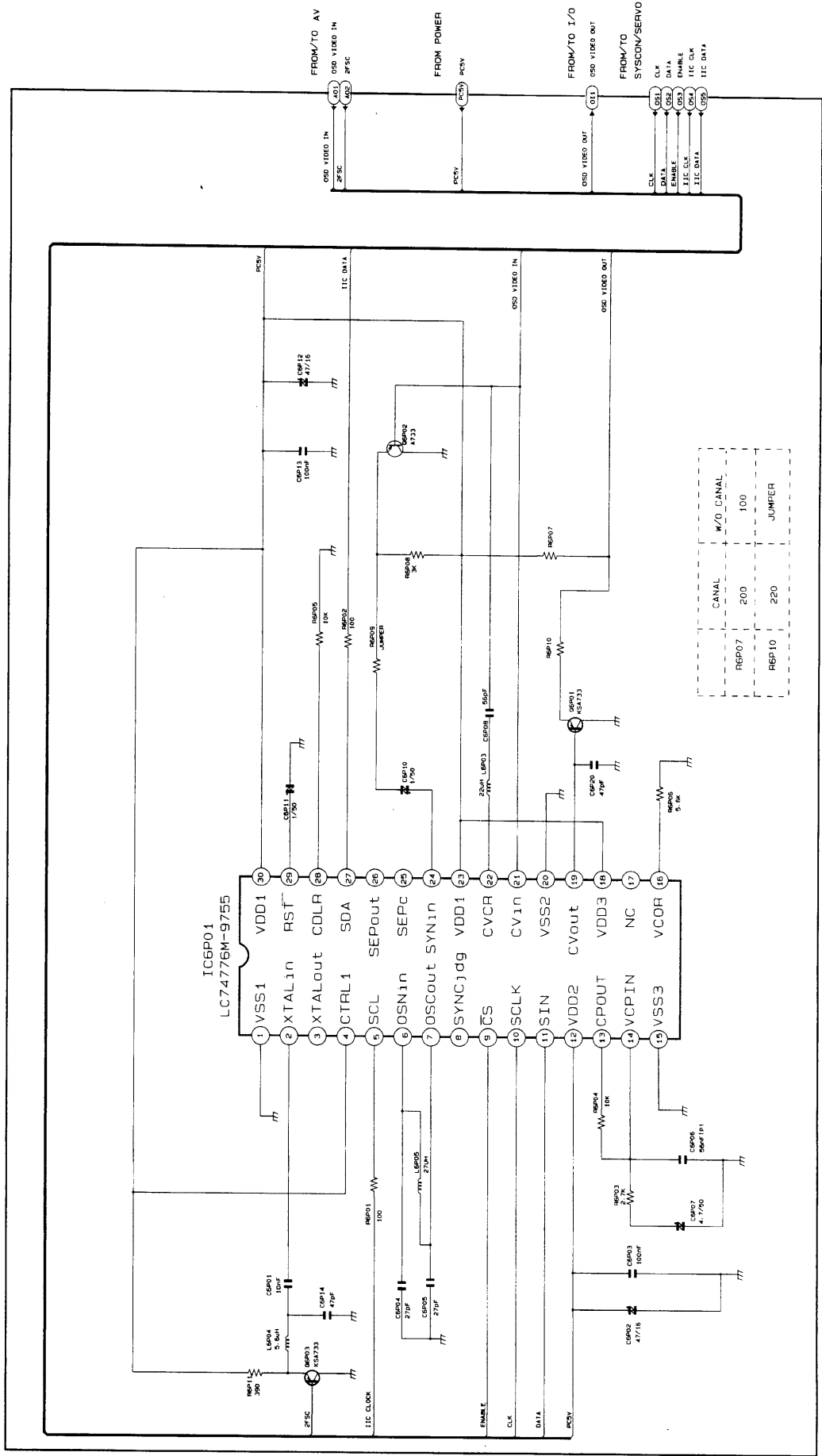


# 10-9 Input-Output



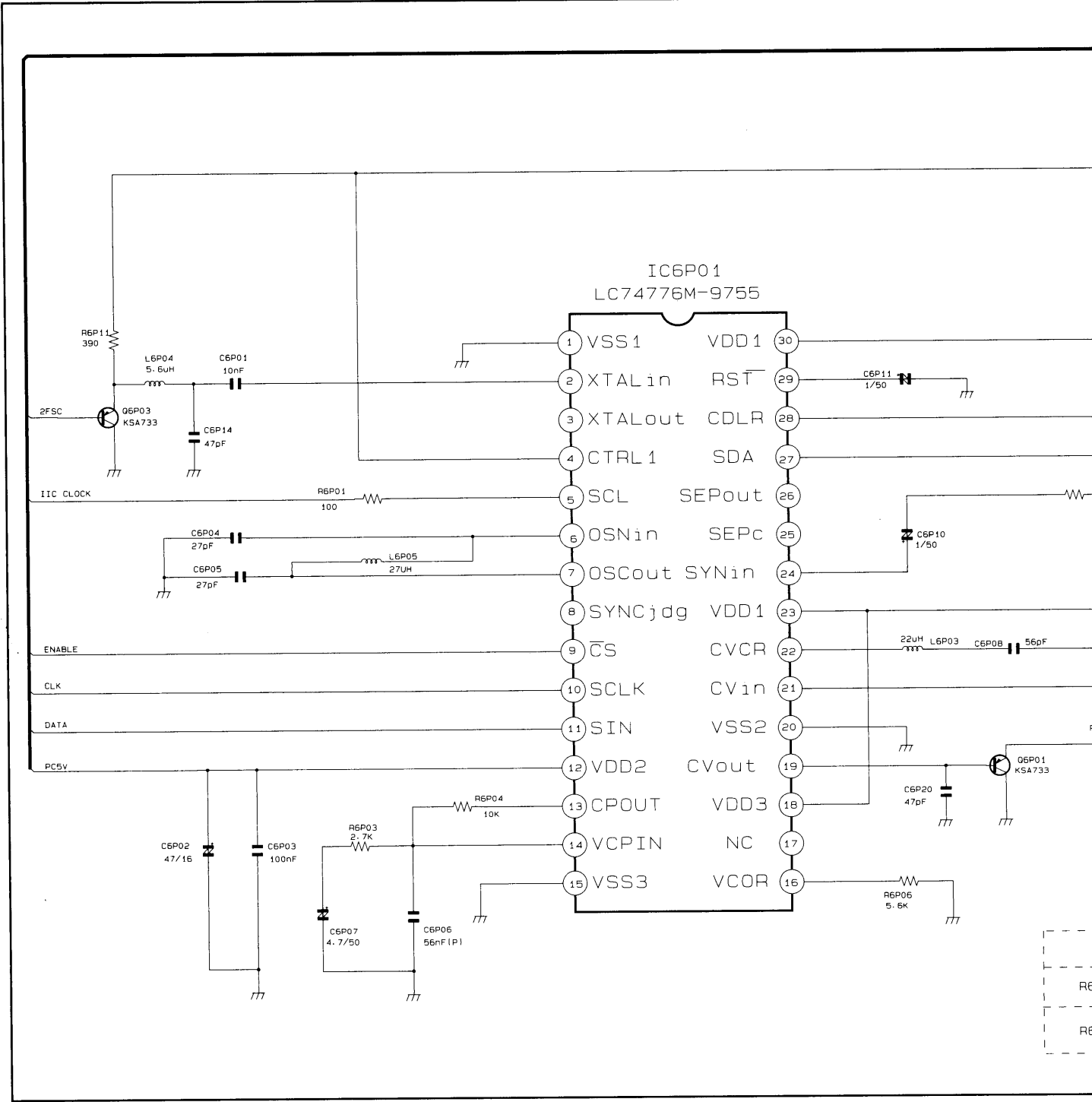


10-10 OSD/WPS/PCD

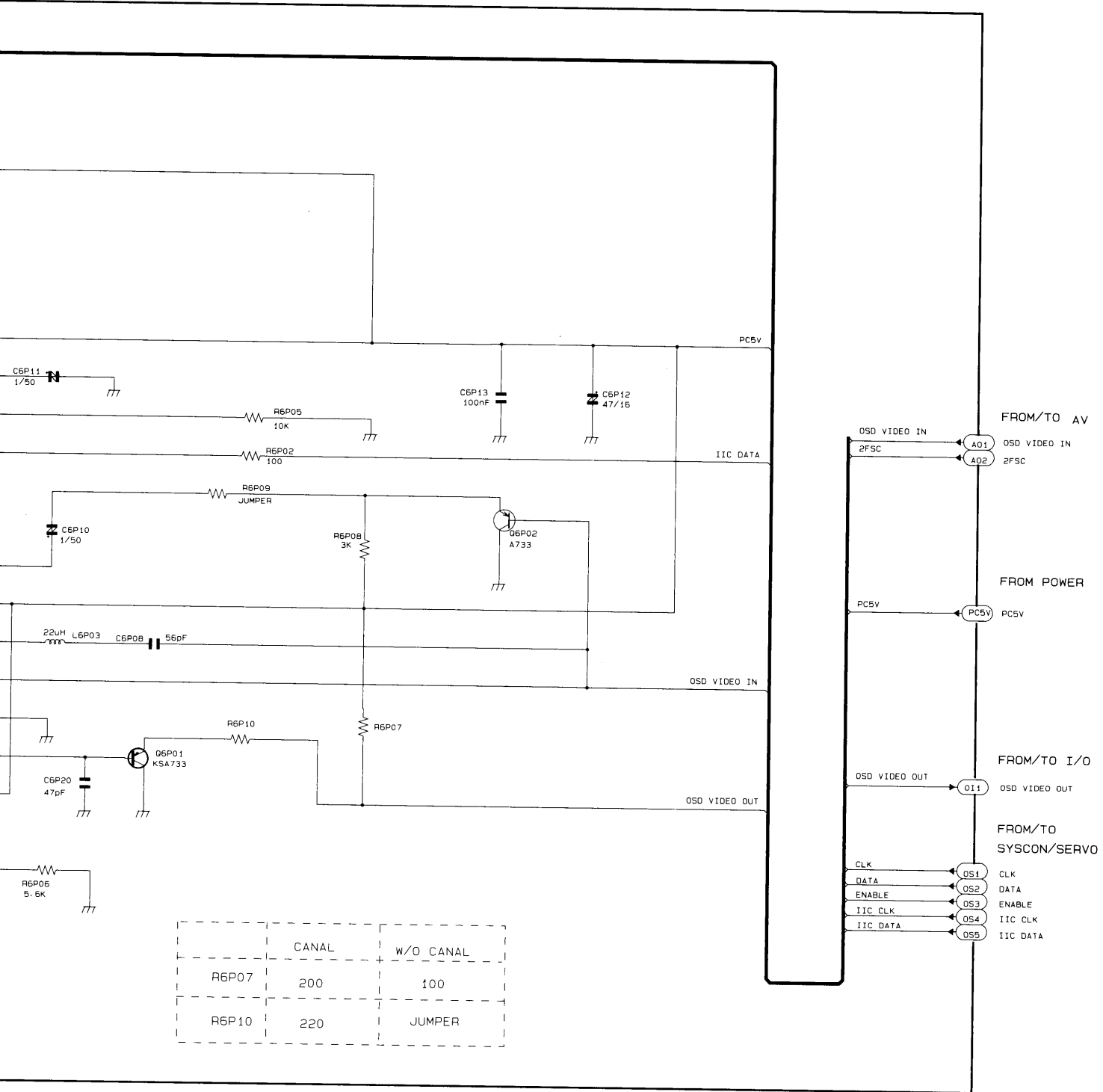


# 10-10 OSD/VPS/PCD

**Application Models ; V-729B/709B/429B/229B/219B/729EG/719EG/429EG/229EG/219EG/209EG/729F**

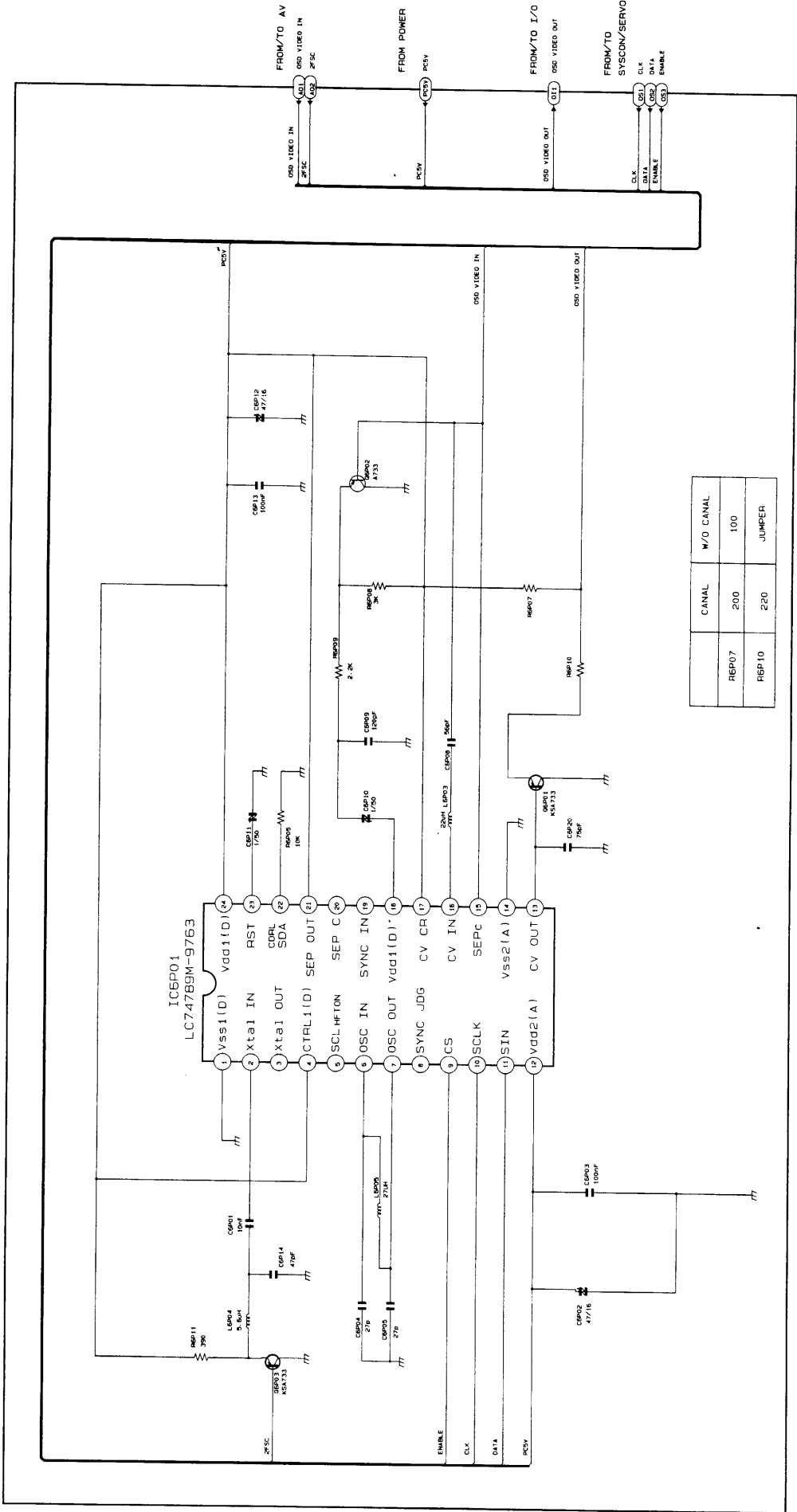


**EG/219EG/209EG/729F/429F/229F**



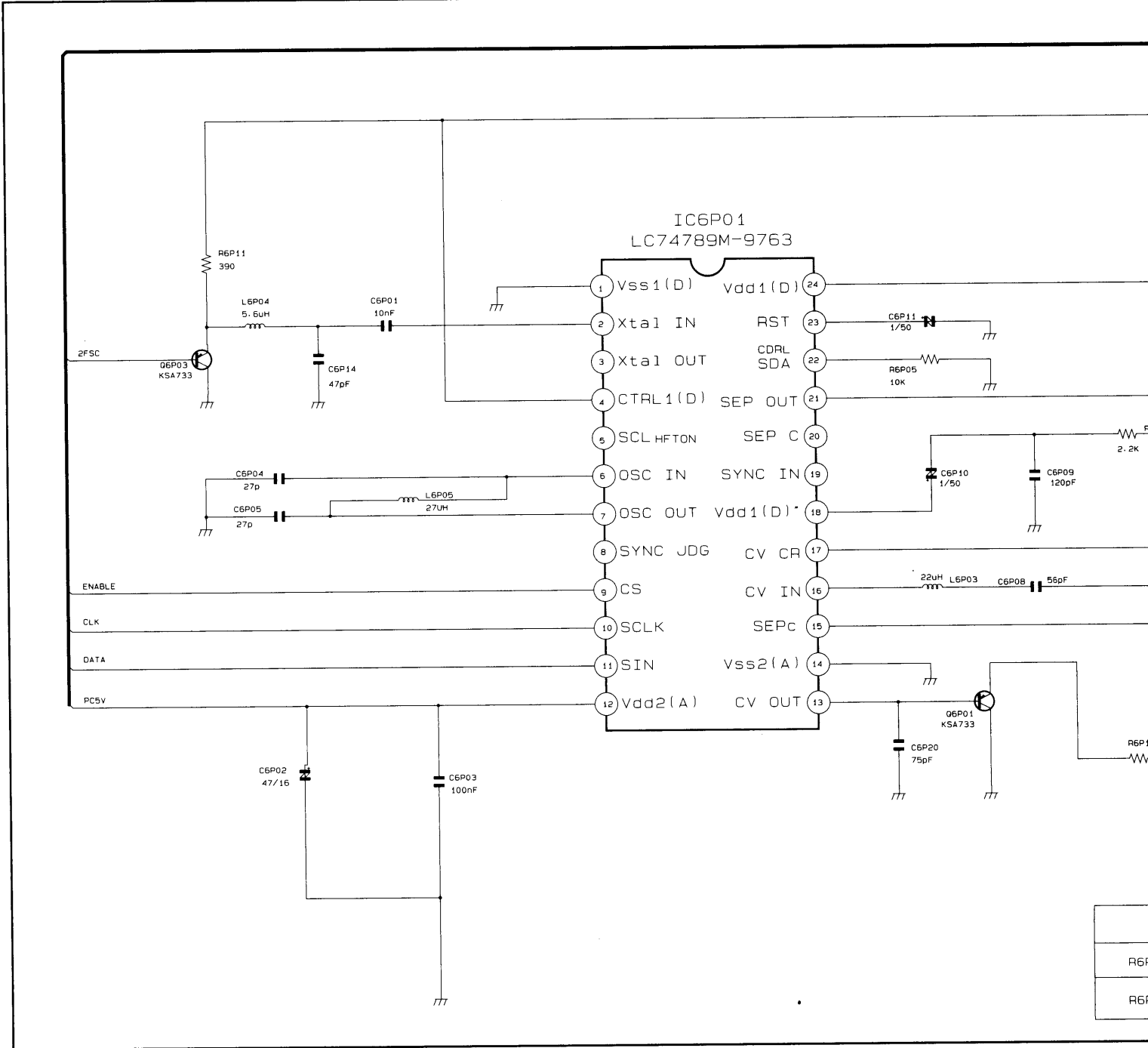
	CANAL	W/O CANAL
R6P07	200	100
R6P10	220	JUMPER

10-11 OSD (Without VPS/PDC)

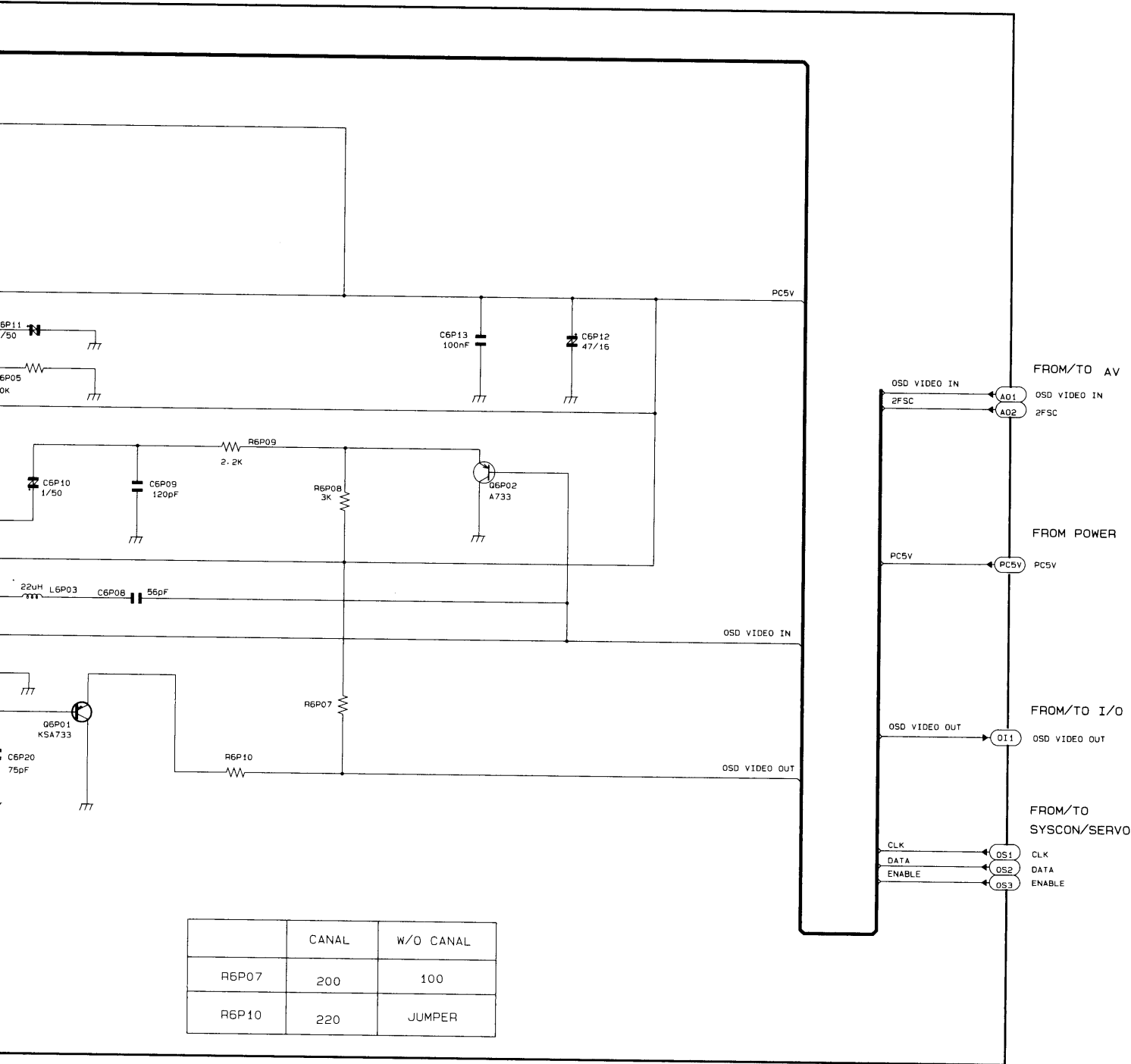


# 10-11 OSD (Without VPS/PDC)

**Application Models ; V-209UK/609F/419F/219F/729W/429W/209W**

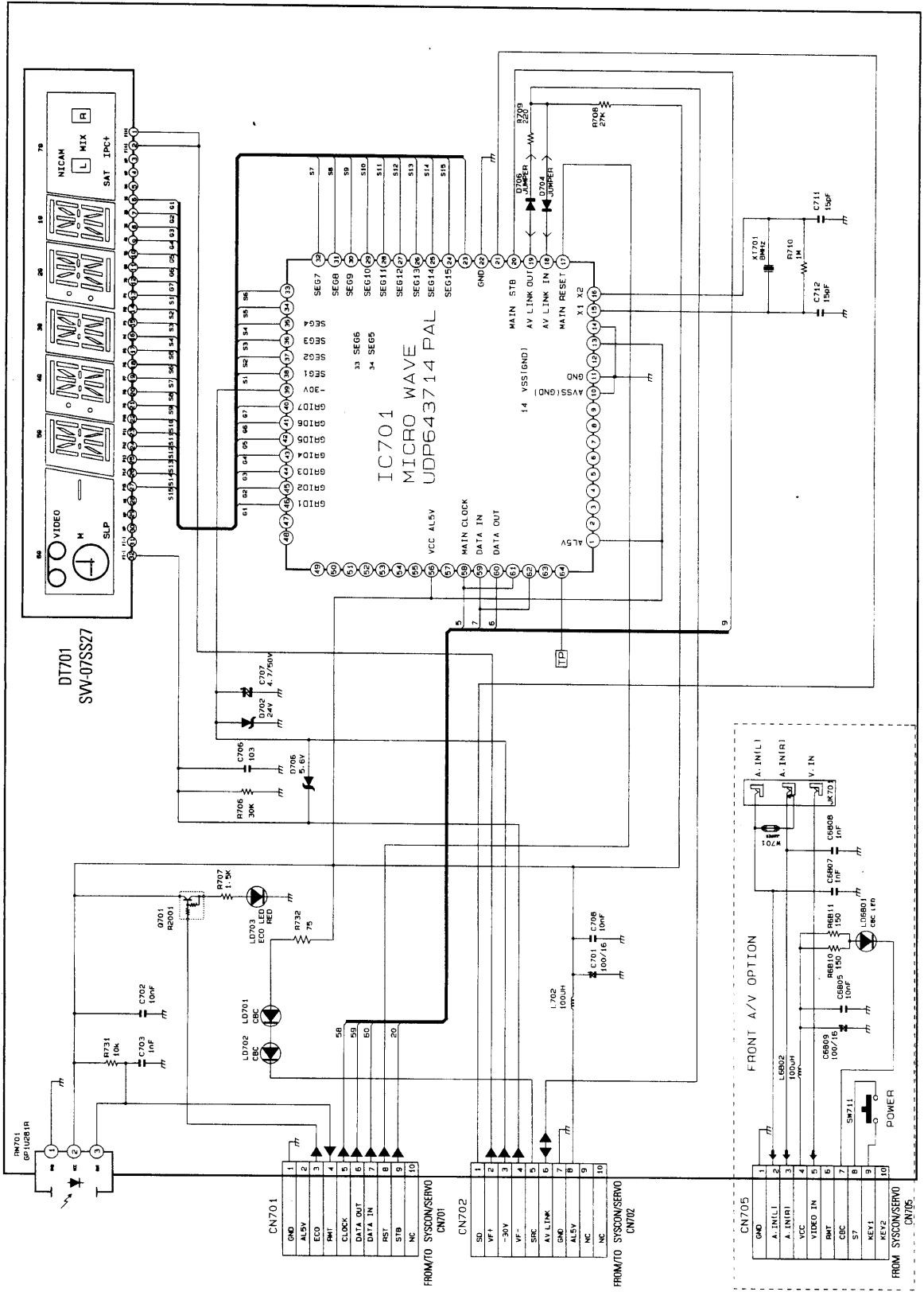






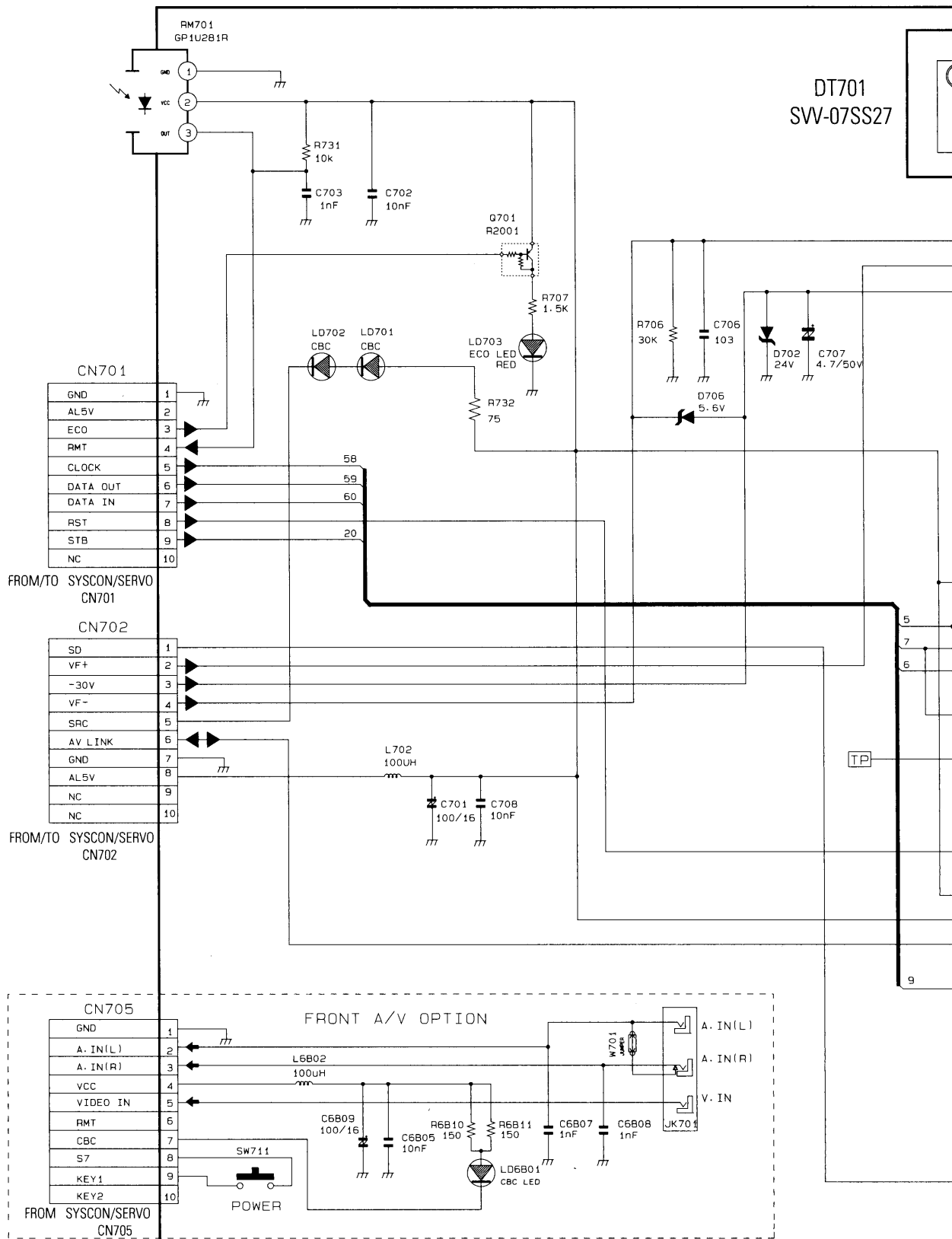
	CANAL	W/O CANAL
R6P07	200	100
R6P10	220	JUMPER

10-12 Function-Timer (With AV-Link)

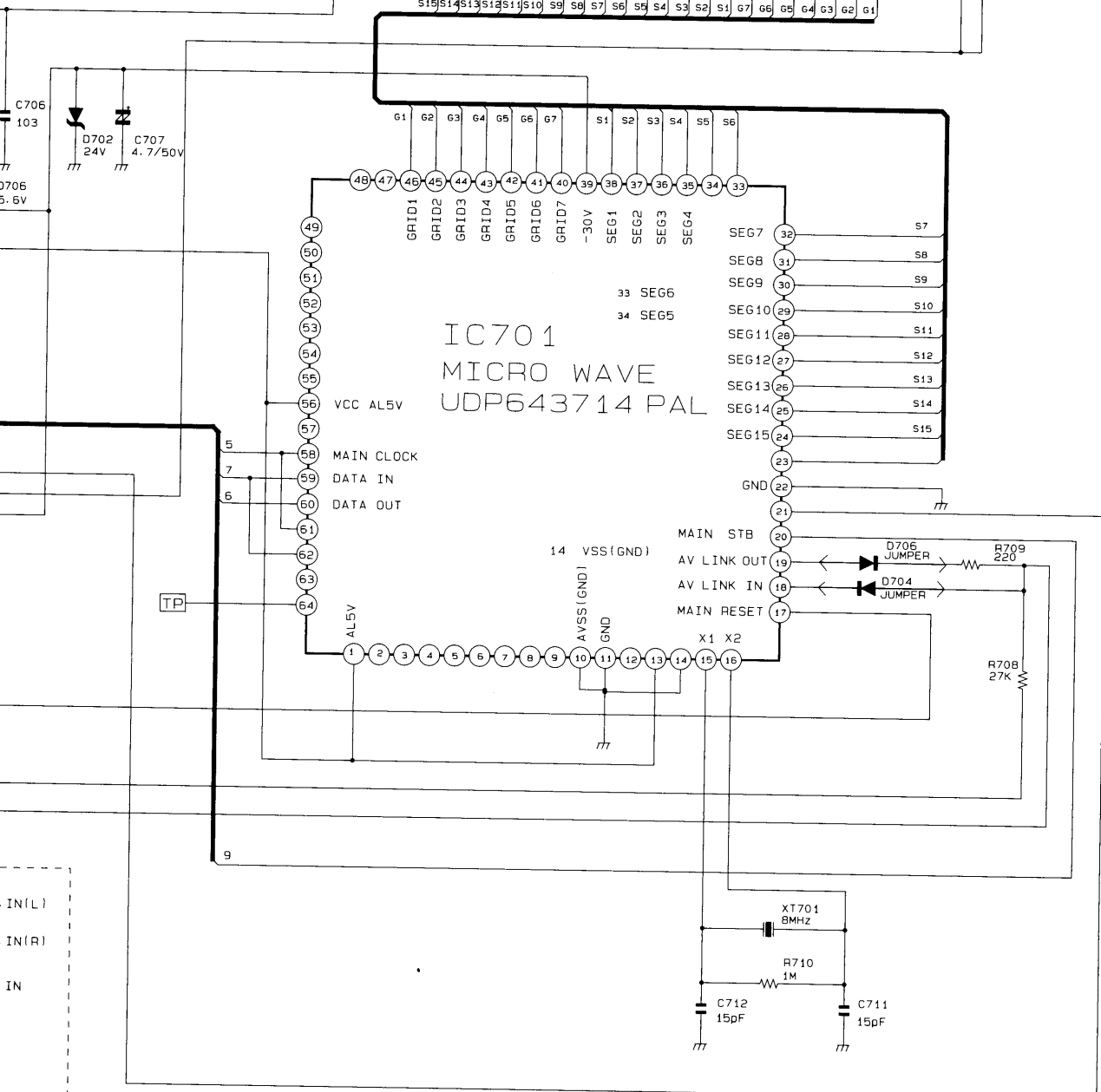
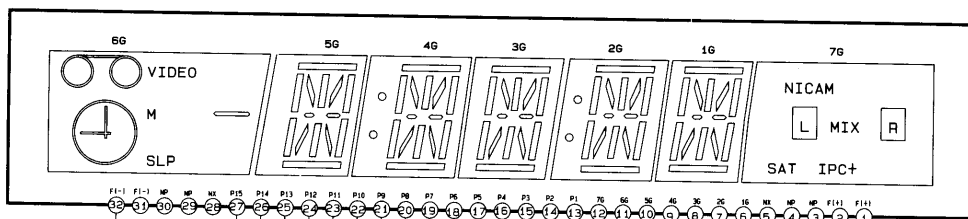


# 10-12 Function-Timer (With AV-Link)

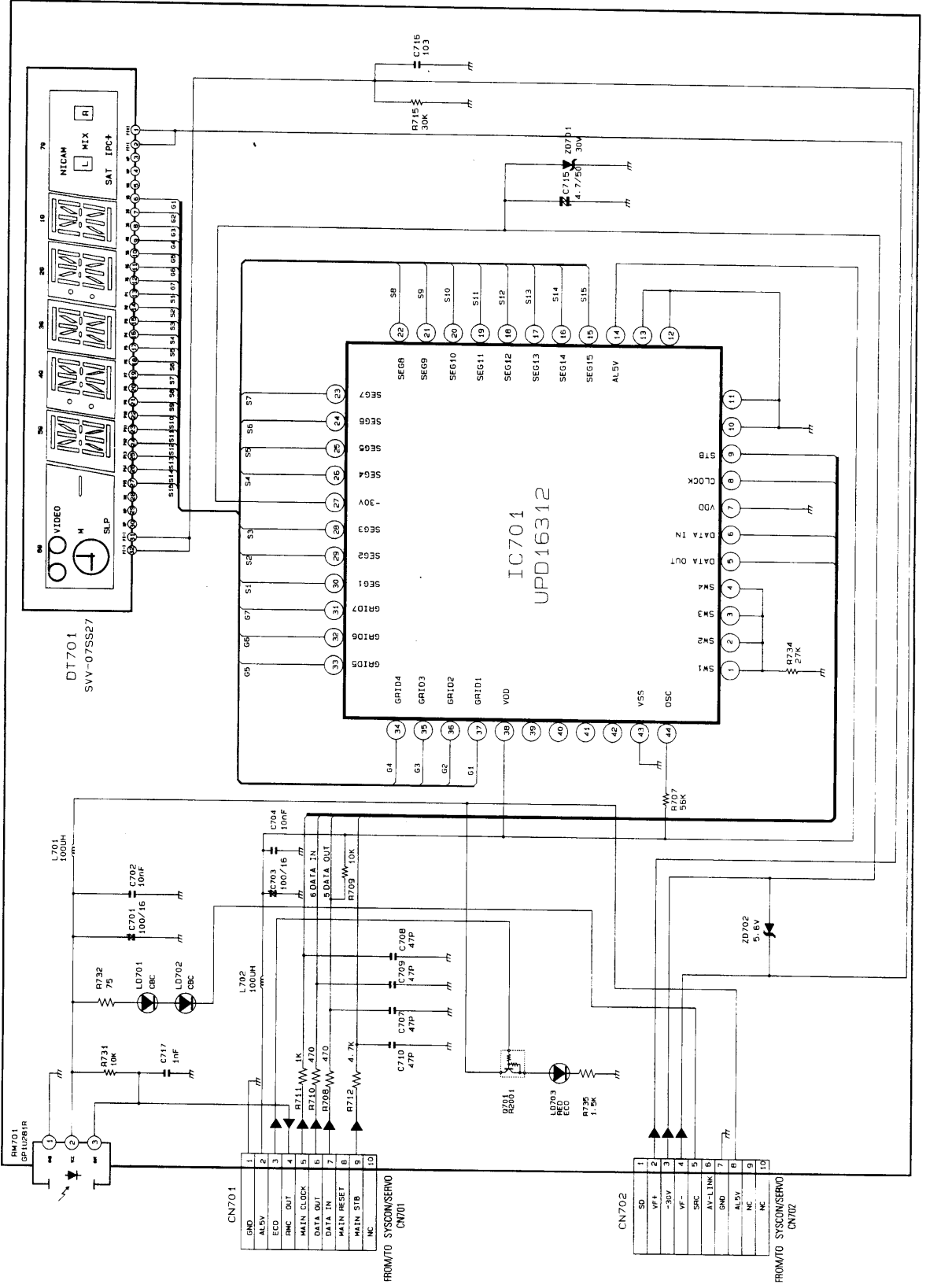
**Application Models ; V-729B/429B/229B/219B/729EG/429EG/729F/429F/229F**



DT701  
SW-07SS27



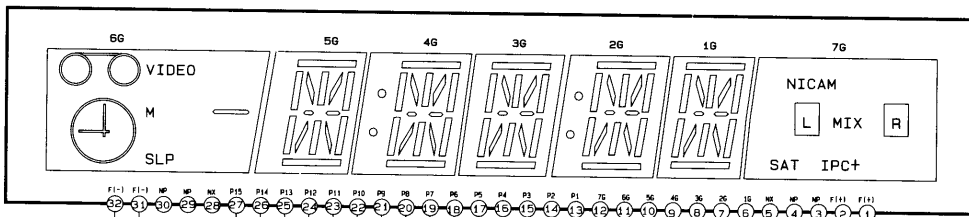
10-13 Function-Timer (Without AV-Link)



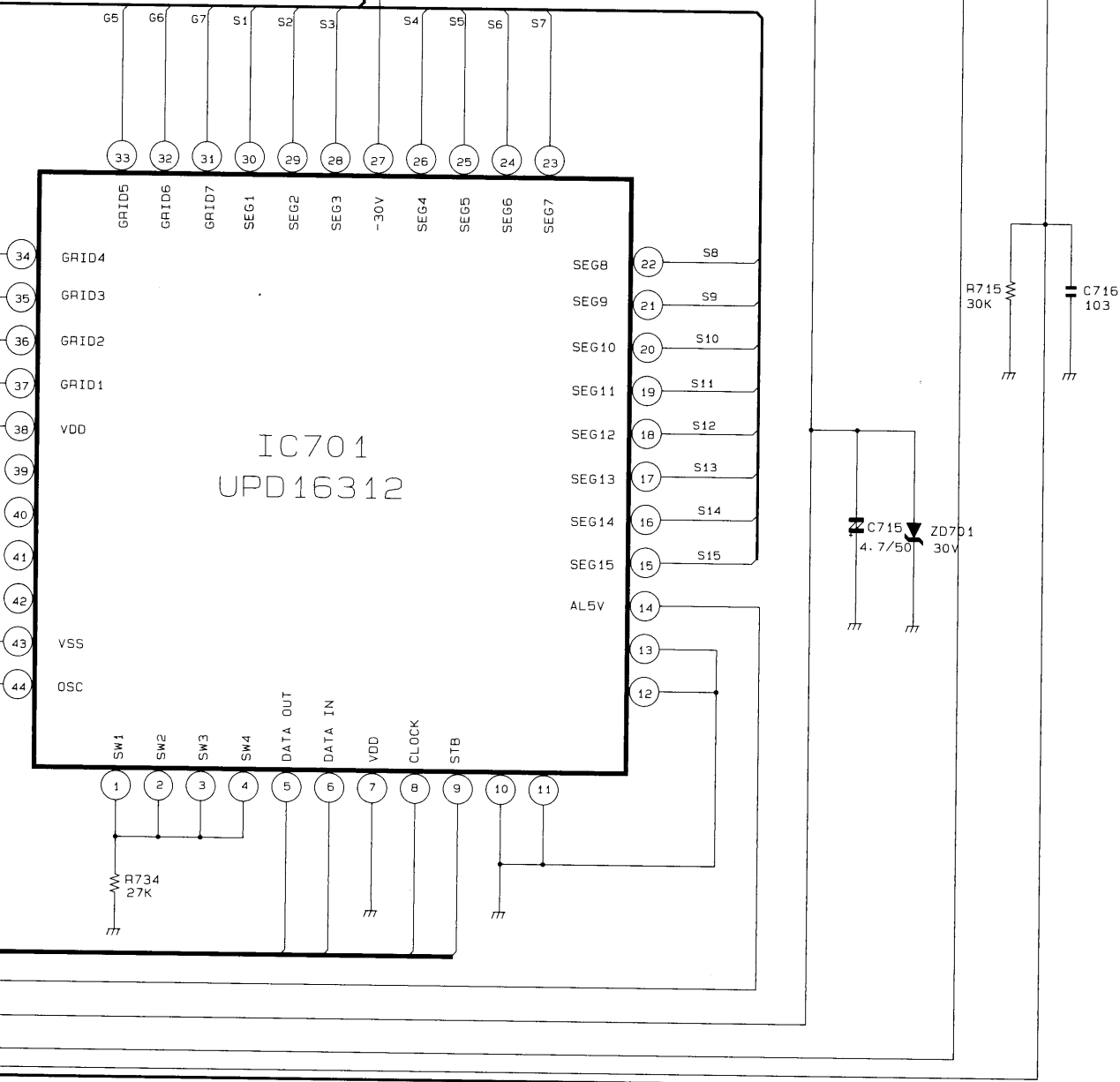


**F/729W/429W/209W**

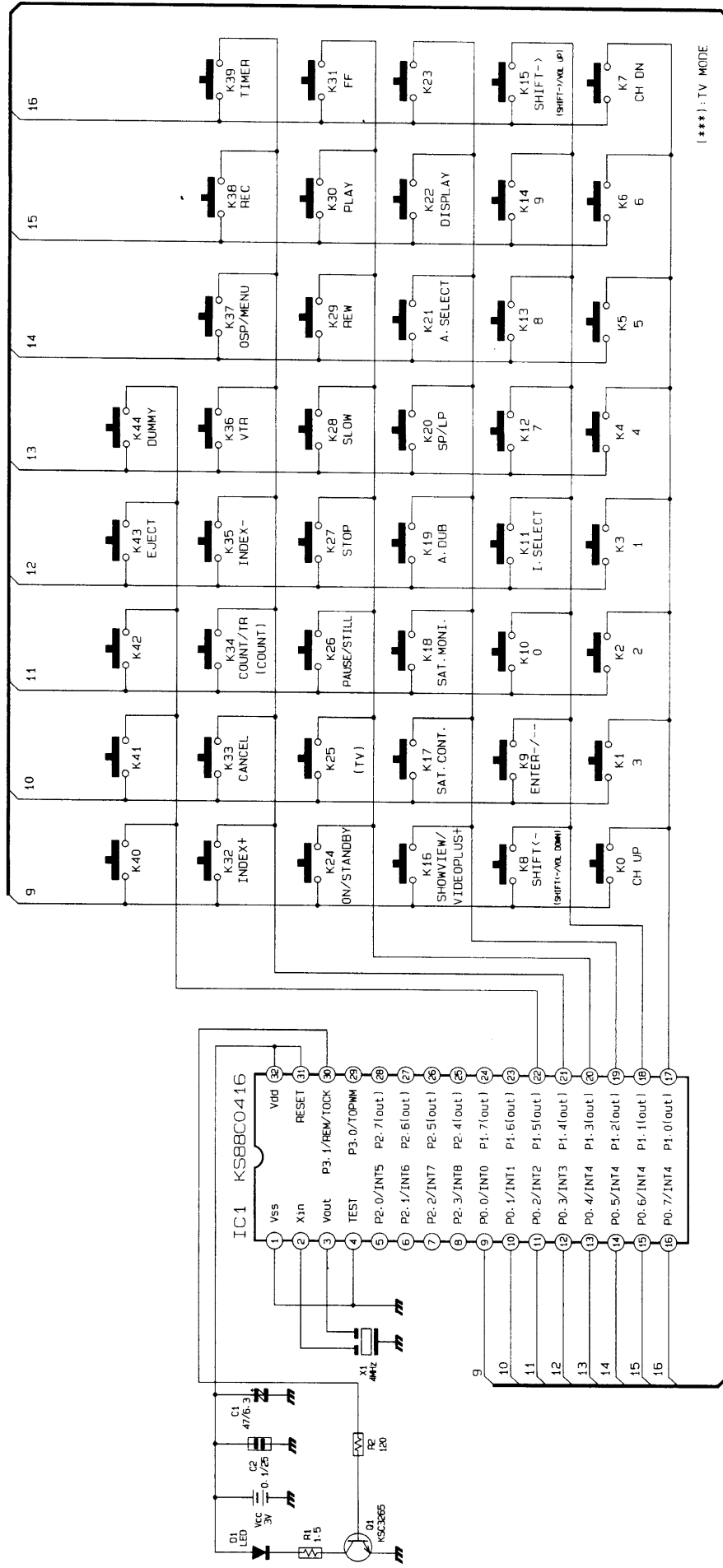
DT701  
SVV-07SS27



IC701  
UPD16312



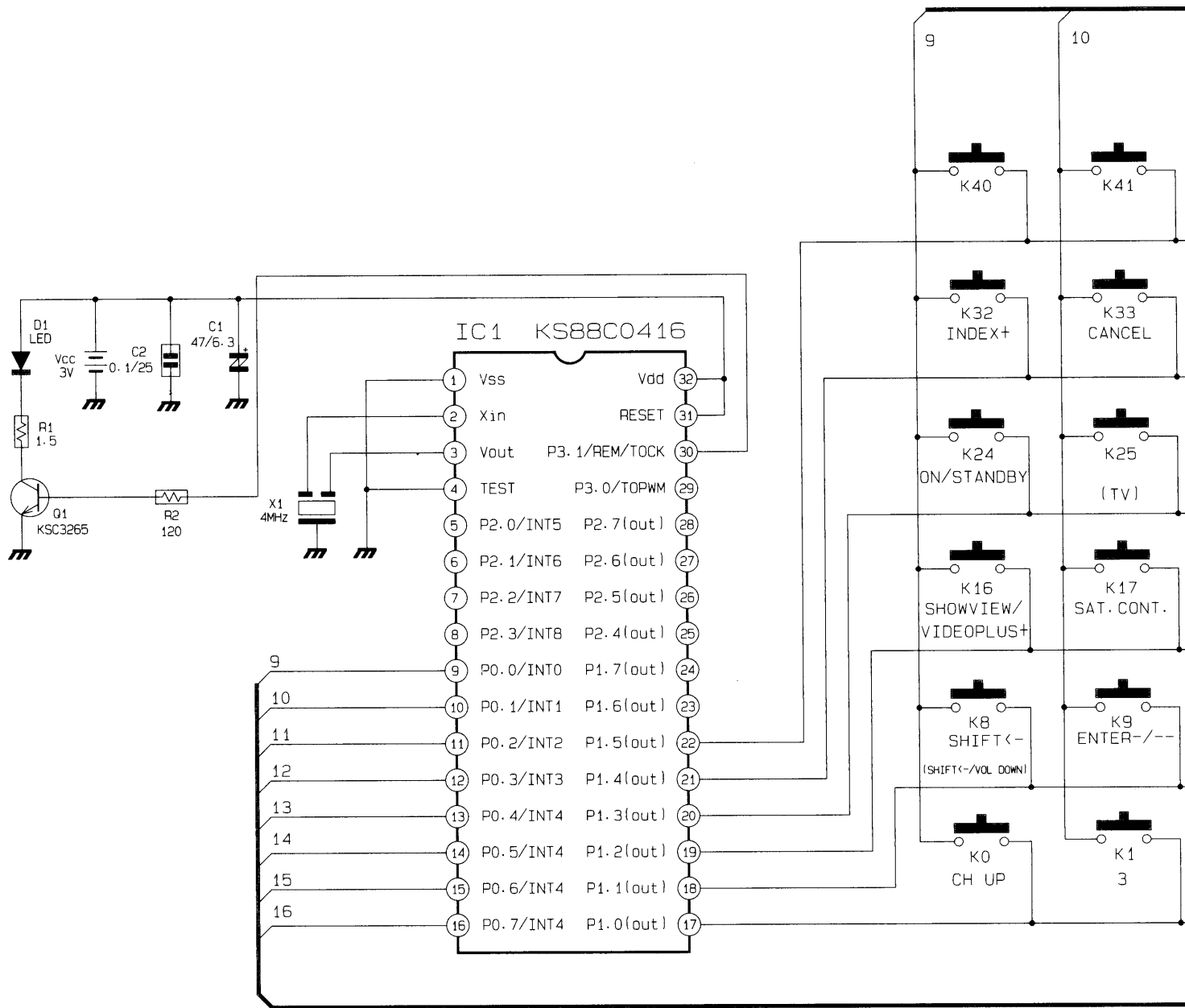
10-14 Remote-Control (Multi)

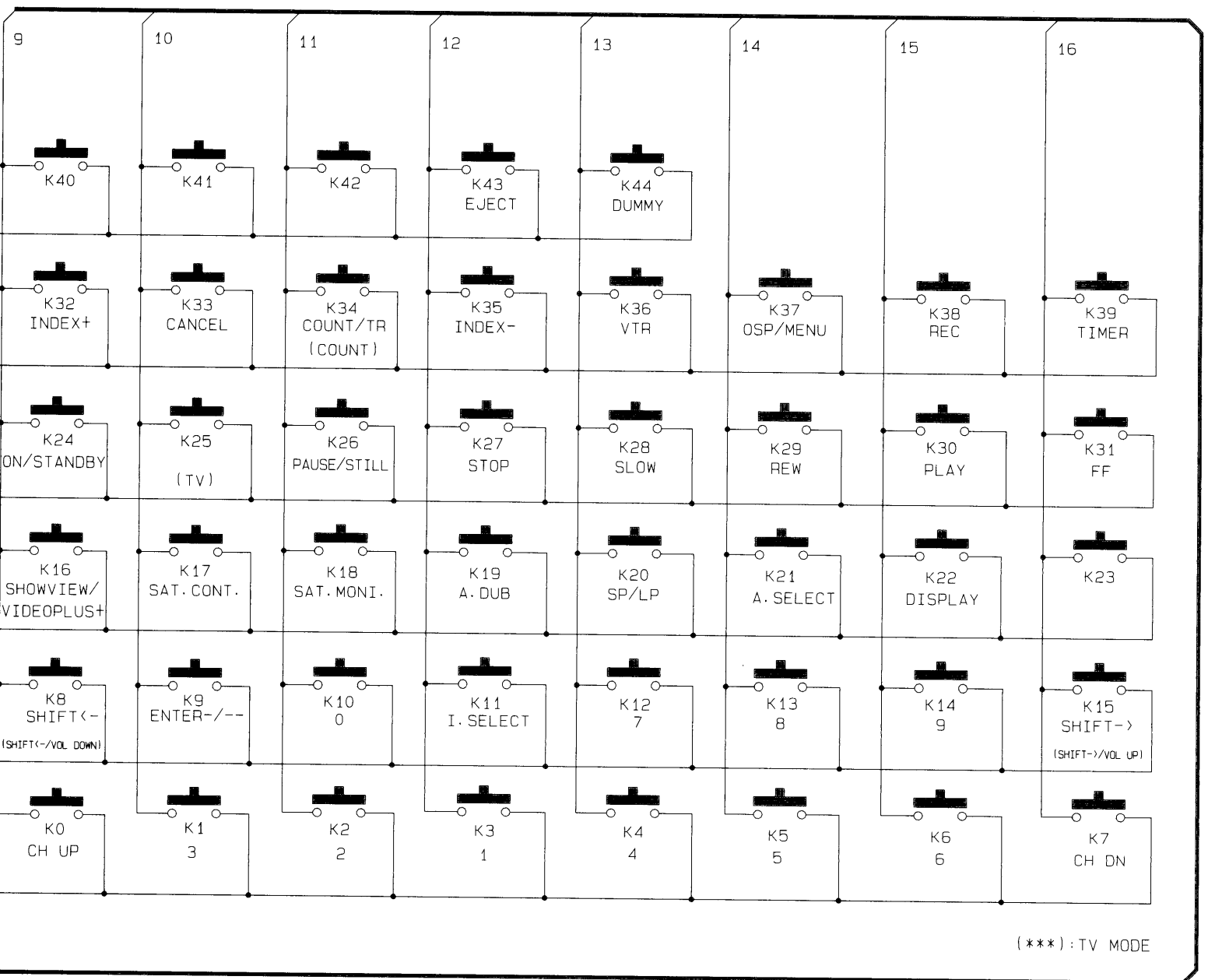




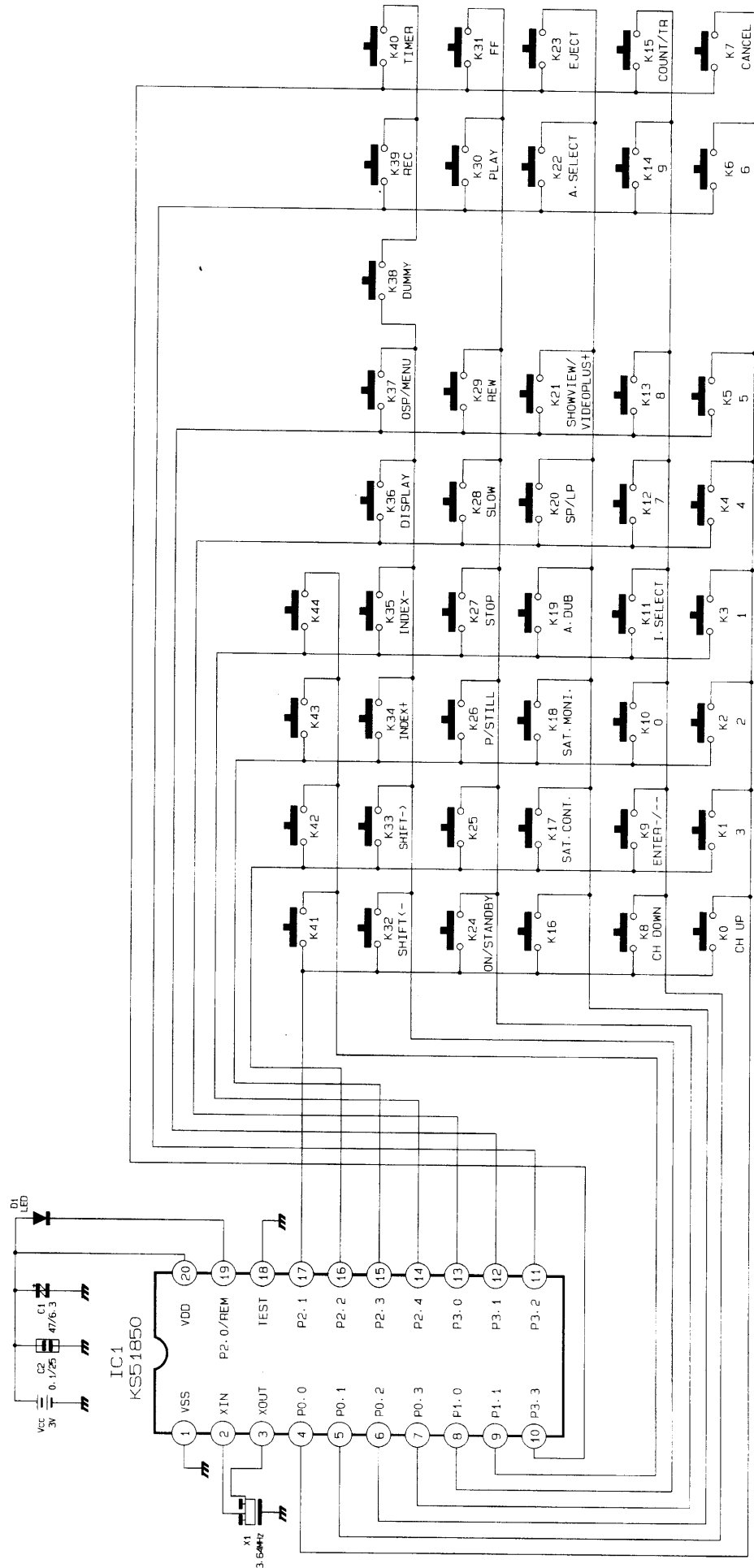
# 10-14 Remote-Control (Multi)

**Application Models : V-729B/429B/229B/729EG/429EG/229EG/429W**



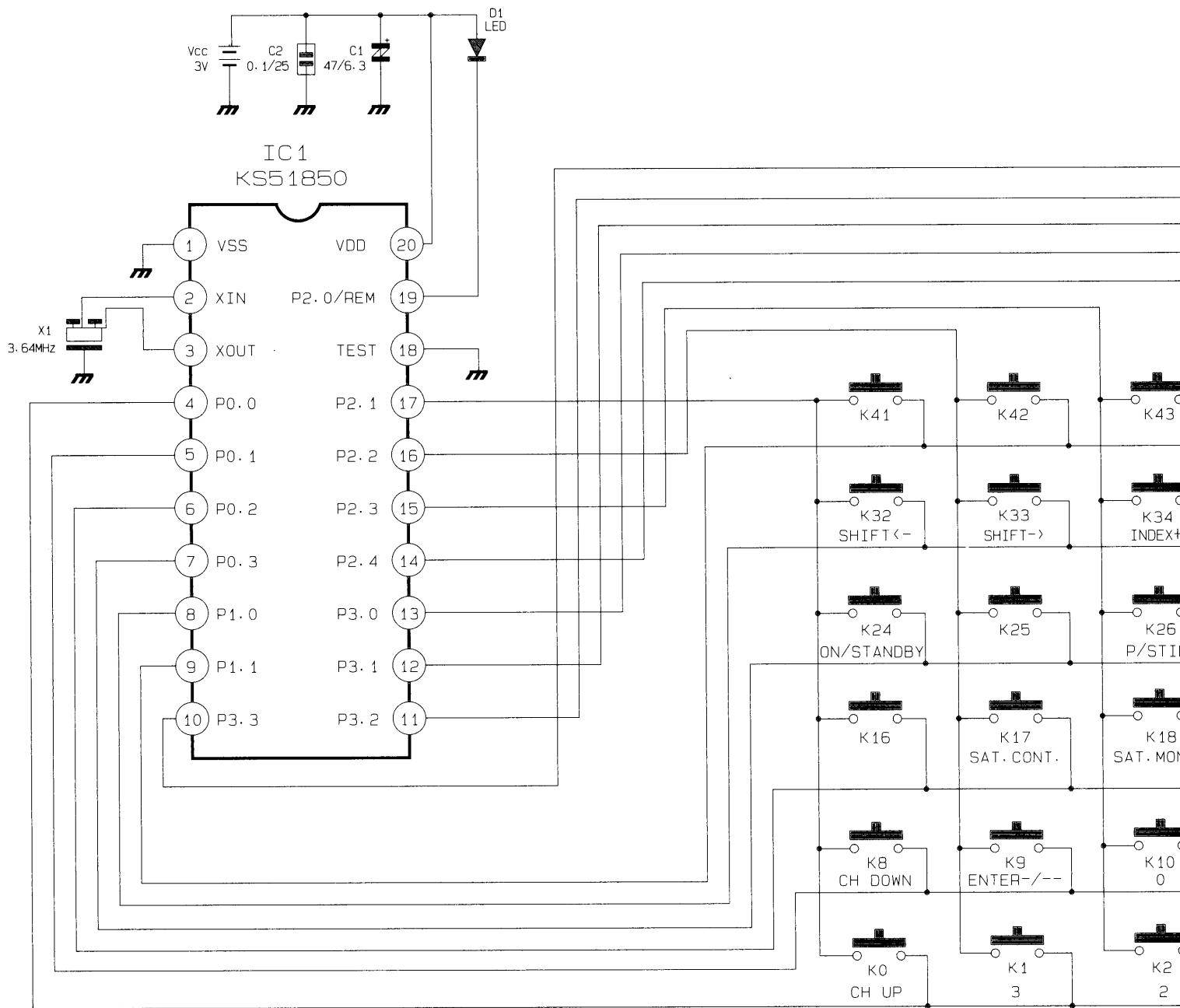


### 10-15 Remote-Control (VCR Only)



# 10-15 Remote-Control (VCR Only)

**Application Models ; V-709B/219B/209UK/719EG/219EG/209EG/729F/609F/429F/419F/229F/219F/729V**



**V419F/229F/219F/729W/209W**

