

## Service Service Service



# Service Manual

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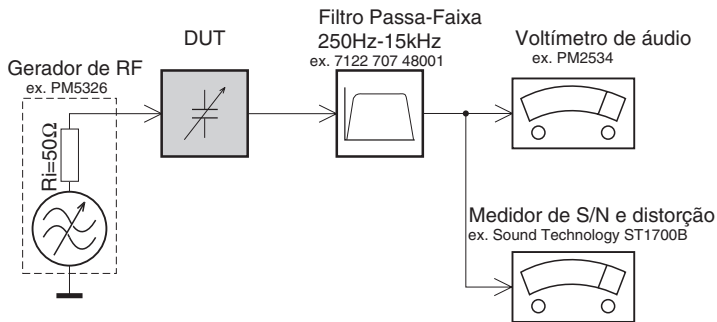
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**CLASS 1  
LASER PRODUCT**

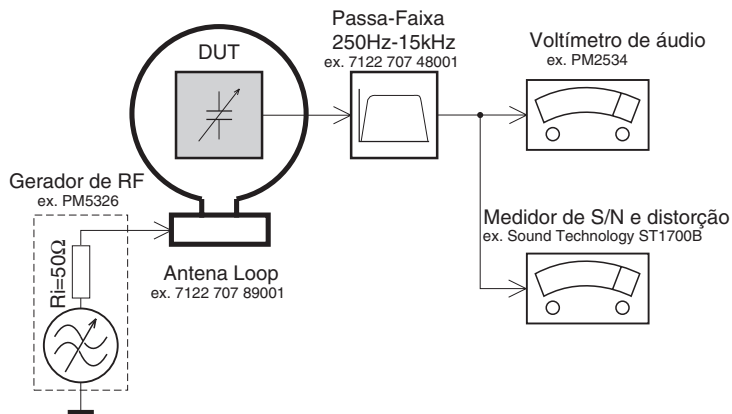
## AJUSTES

### Tuner FM



Use um filtro passa-faixa para eliminar ruídos (50Hz, 100Hz) e distorções do tom piloto (19kHz, 38kHz).

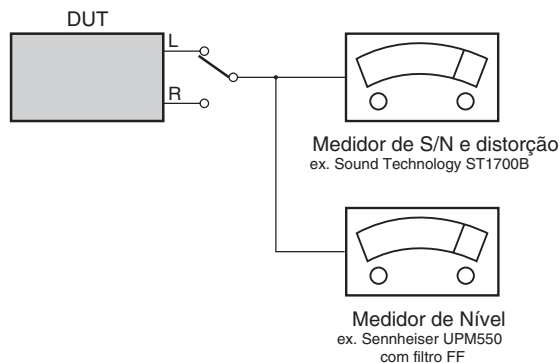
### Tuner AM (MW, LW)



Para evitar interferências atmosféricas todas as medidas em AM devem ser feitas dentro de uma Gaiola de Faraday. Use um filtro passa-faixa (ou um filtro passa altas de 250Hz) para eliminar ruídos (50Hz, 100Hz).

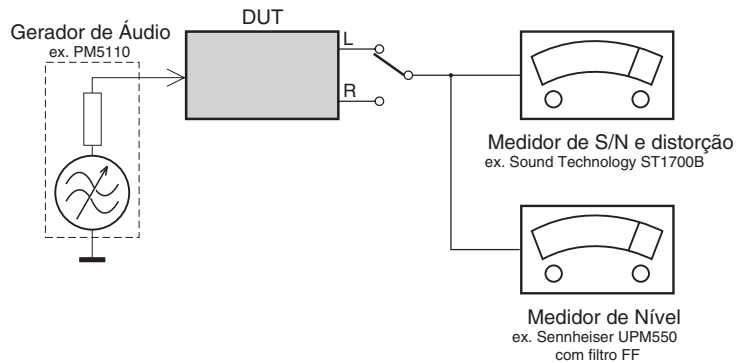
### CD

Use um disco de sinal de áudio SBC429 4822 397 30184 (Substitui o disco de teste 3)

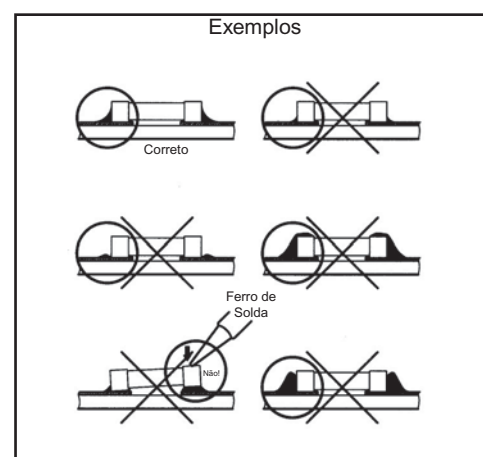
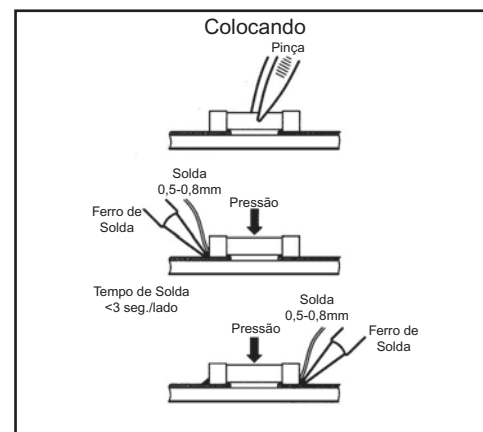
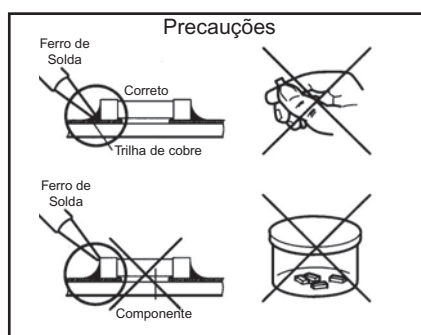
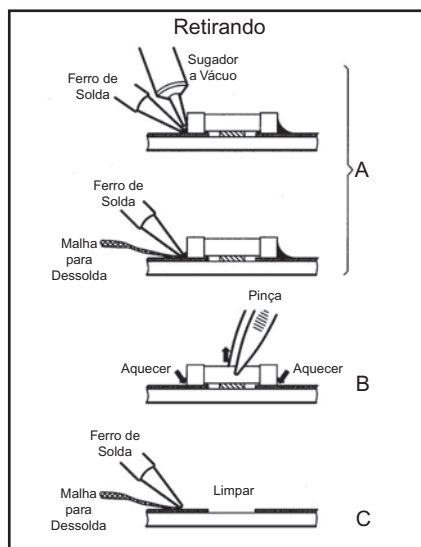
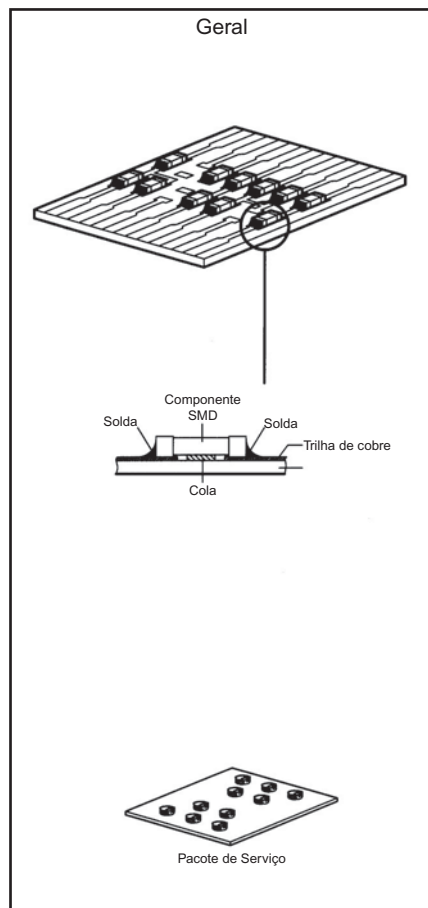


### Gravador

Use um Cassete Universal de Teste **Cr02** ou um Cassete Universal de Teste **Fe**



## MANUSEANDO COMPONENTES SMD



### Atenção!

Normas de segurança requerem que todos os ajustes sejam realizados para as condições normais e todos os componentes de reposição devem atender as especificações.

### Advertência!

Todos os CI's e vários outros semicondutores são suscetíveis à descargas eletrostáticas (ESD).

A falta de cuidados no manuseio pode reduzir drasticamente a vida do componente.

Quando estiver reparando, certifique-se de estar conectado ao mesmo potencial de terra através de uma pulseira de aterramento com resistência.

Mantenha componentes e ferramentas também neste potencial.

### Teste de risco de choque e incêndio

**CUIDADO:** Após reparar este aparelho e antes de devolvê-lo ao consumidor, meça a resistência entre cada pino do cabo de força (desconectado da tomada e com a chave Power ligada) e a face do painel frontal, botões de controle e a base do chassis. Qualquer valor de resistência menor que 1 Megohms indica que o aparelho deve ser verificado/reparado antes de ser conectado à rede elétrica e verificado antes de retornar ao consumidor.



### NOTA DE SEGURANÇA:

Risco de choque ou incêndio. Componentes marcados com o símbolo ao lado devem ser substituídos apenas por originais. A utilização de componentes não originais pode acarretar risco de incêndio ou choque elétrico.

**CLASS 1  
LASER PRODUCT**

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

## DIAGRAMA DE CONEXÃO - DVP3020

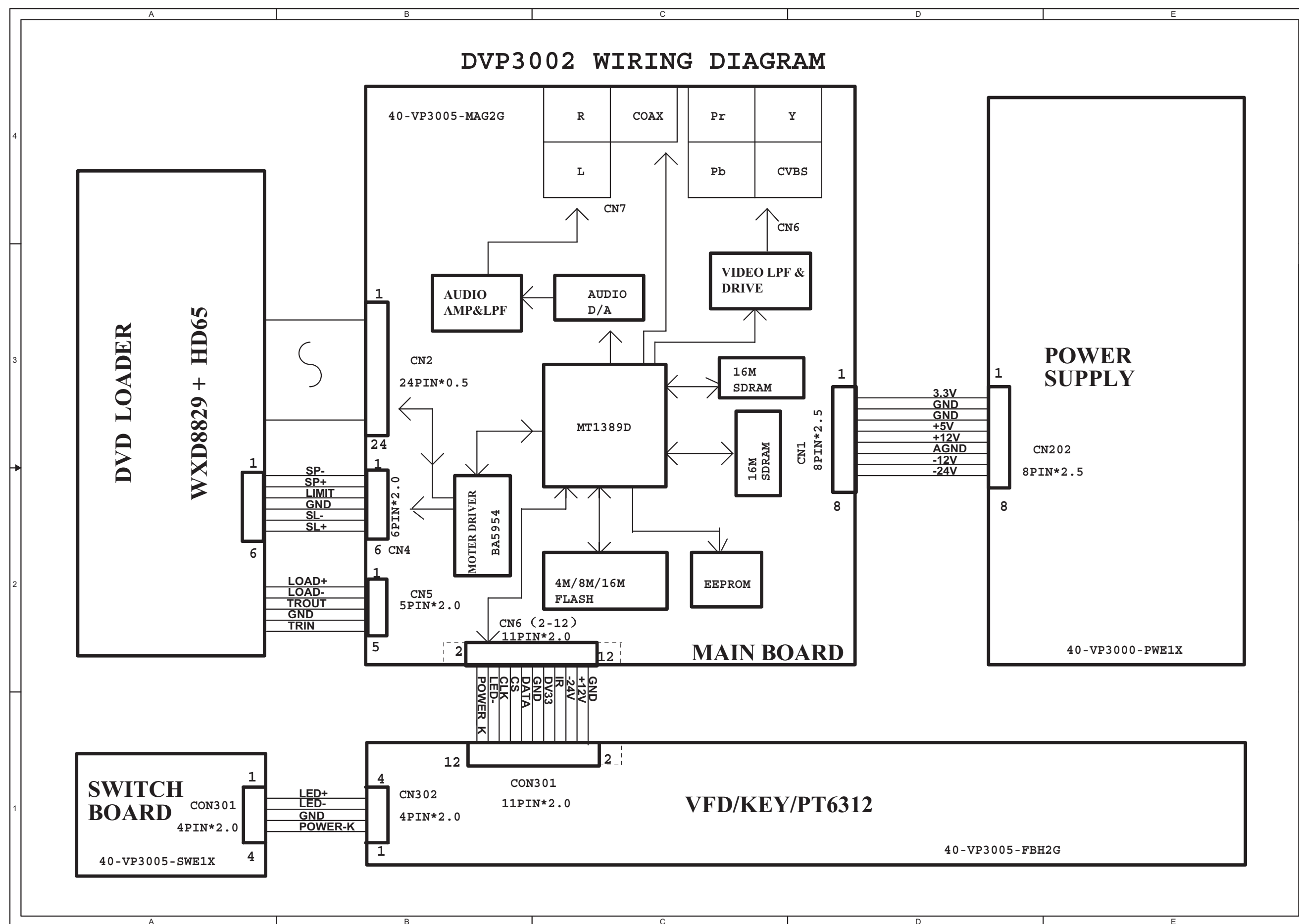
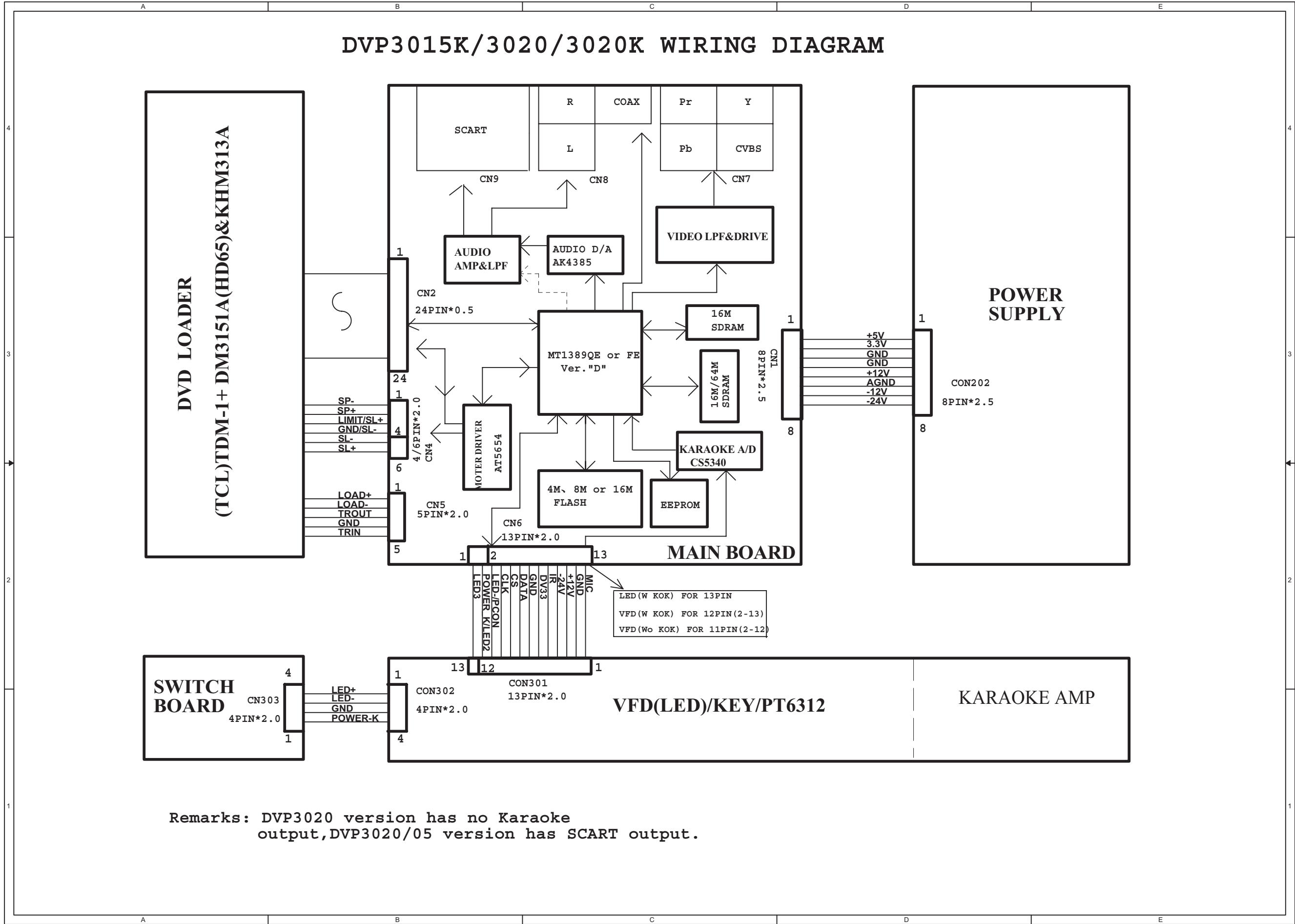


DIAGRAMA DE CONEXÕES



## DIAGRAMA DE CONEXÕES

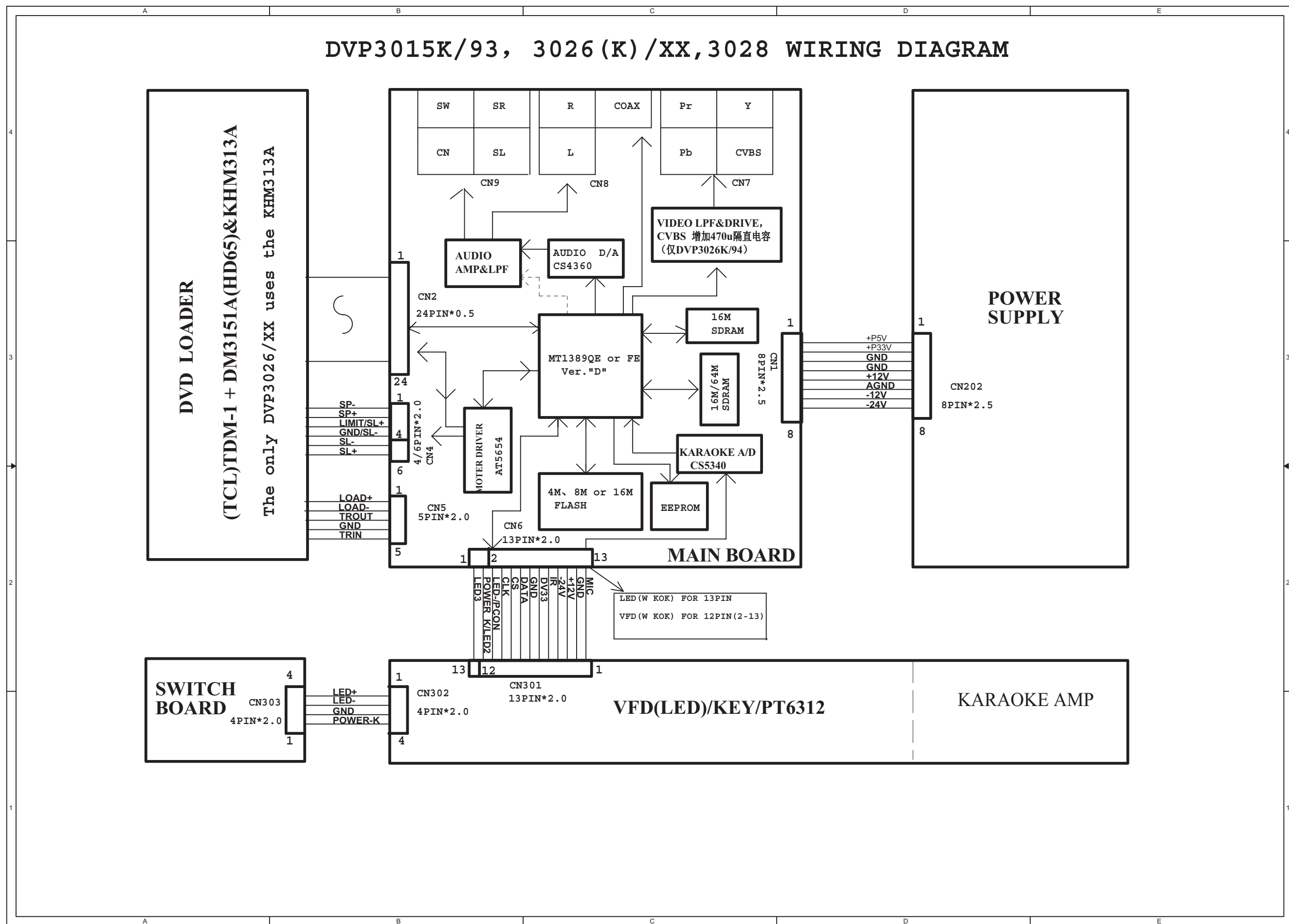
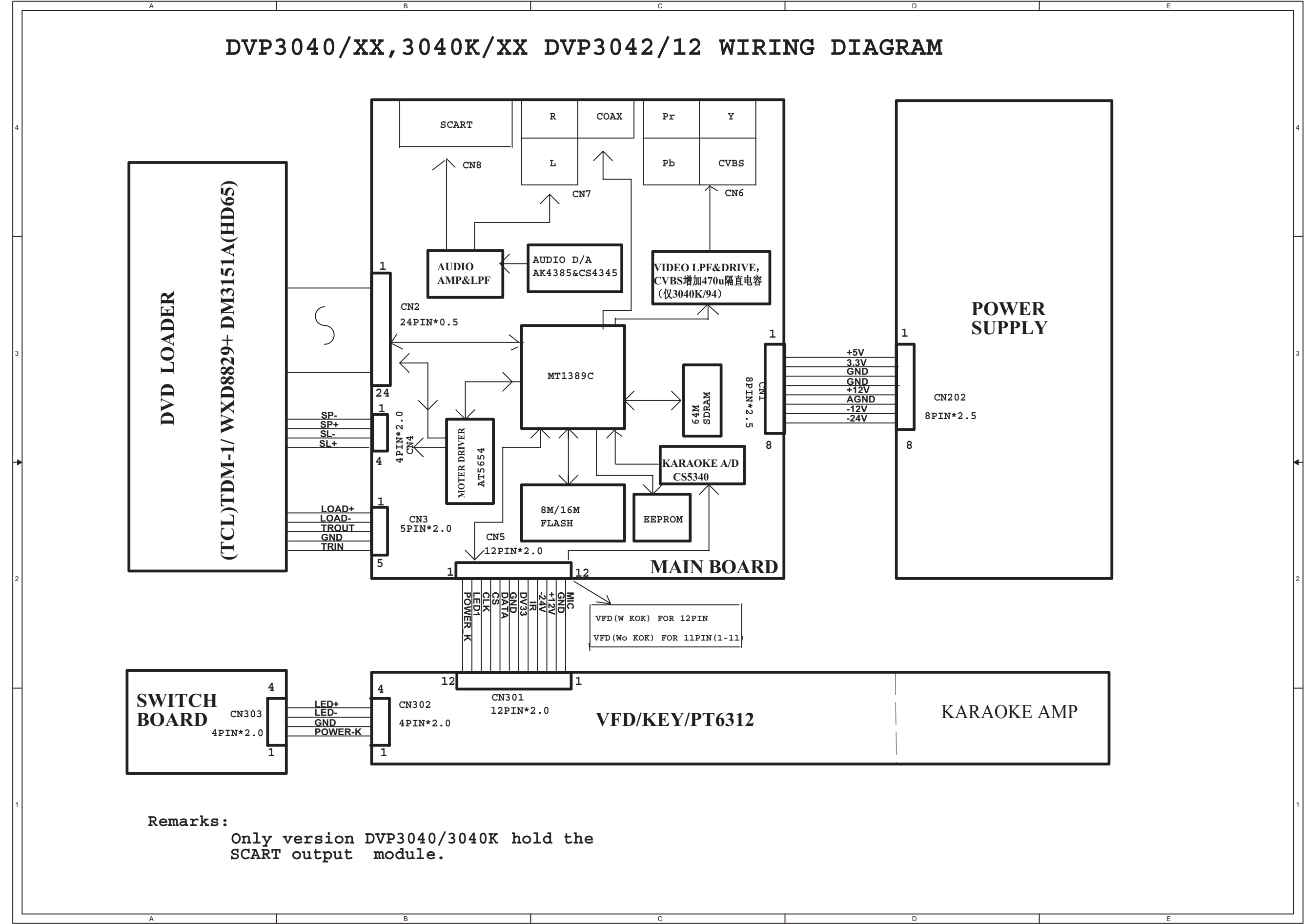


DIAGRAMA DE CONEXÕES - DVP3040

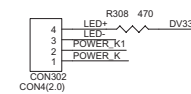
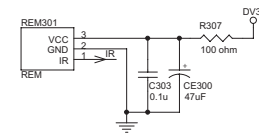
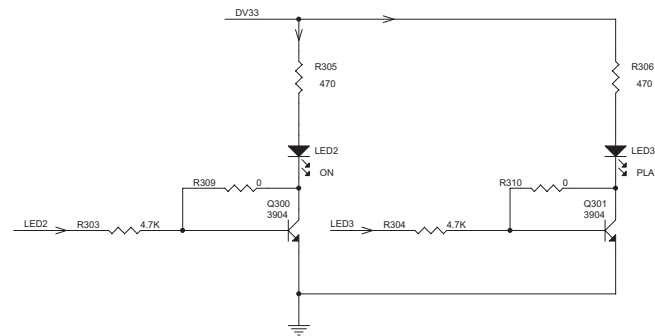
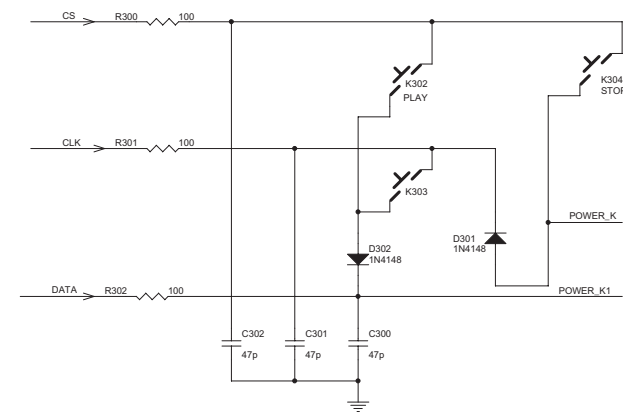




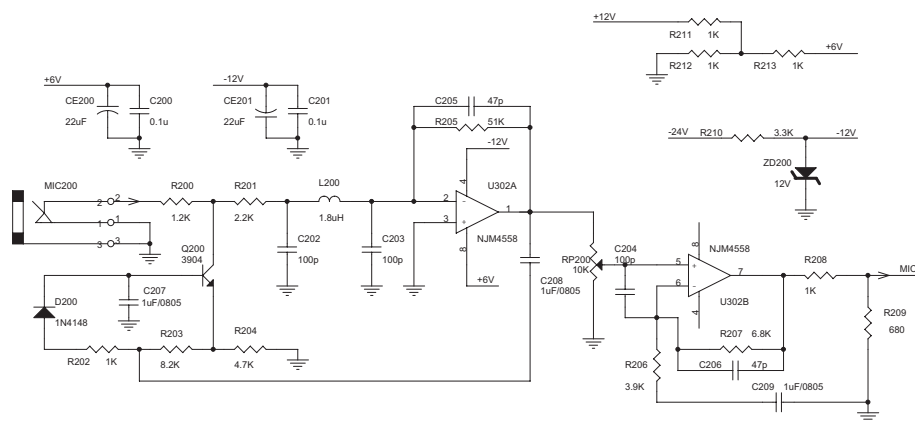
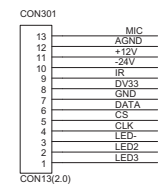


## PAINEL FRONTAL - DVP3015K

## Front Board for DVP3015K

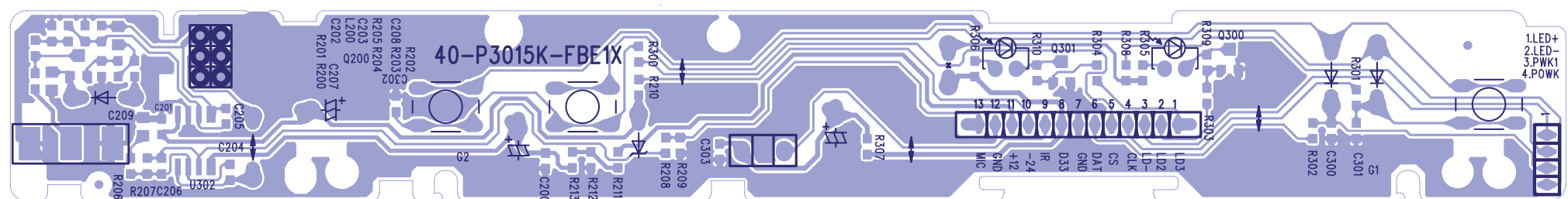


FROM MAIN BOARD

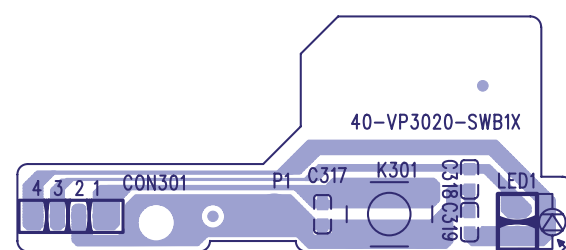


C200	C1	R300	A1
C201	C1	R301	B1
C202	D1	R302	B1
C203	D1	R303	B3
C204	D2	R304	B3
C205	C2	R305	A3
C206	D2	R306	A4
C207	D1	R307	C3
C208	D2	R308	C3
C209	D2	R309	B3
C300	B1	R310	B4
C301	B1	K302	A1
C302	B2	K303	B1
C303	C3	K304	A2
CE200	C1	D200	D1
CE201	C1	ZD200	D2
CE300	C3	D301	B2
R200	D1	D302	B1
R201	D1	Q200	D1
R202	D1	Q300	B3
R203	D1	Q301	B4
R204	D1	LED2	B3
R205	C2	LED3	B4
R206	D2	MIC200	D1
R207	D2	U302	D2
R208	D2	RP200	D2
R209	D2	REM301	C3
R210	C2	CN301	D3
R210	C2	CN302	C3
R211	C2		
R212	C2		

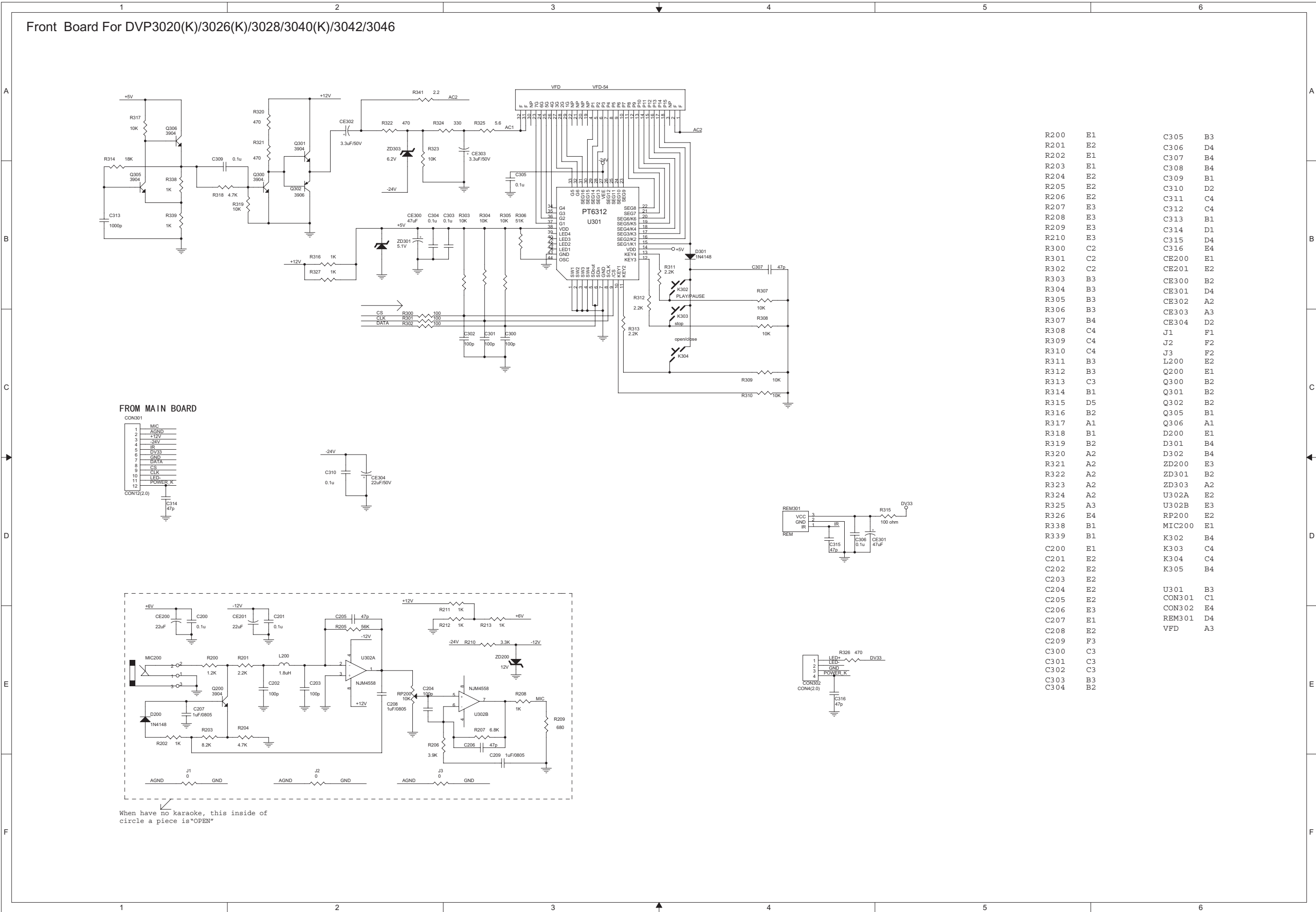
### PAINEL FRONTAL- LAYOUT INFERIOR -DVP 3015K



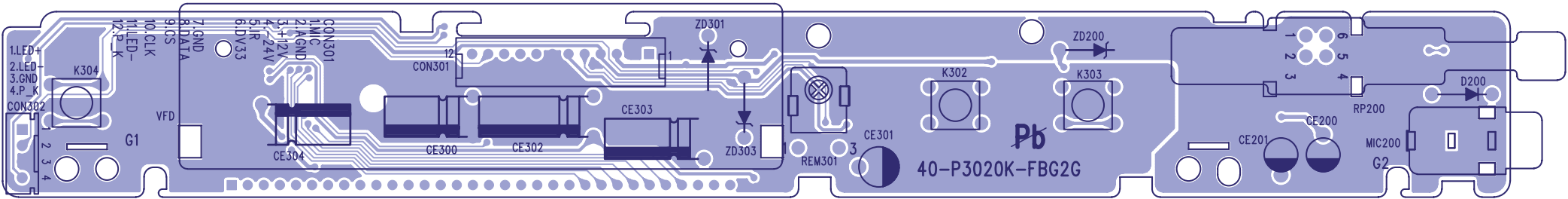
### PAINEL SW- LAYOUT INFERIOR -DVP 3015K



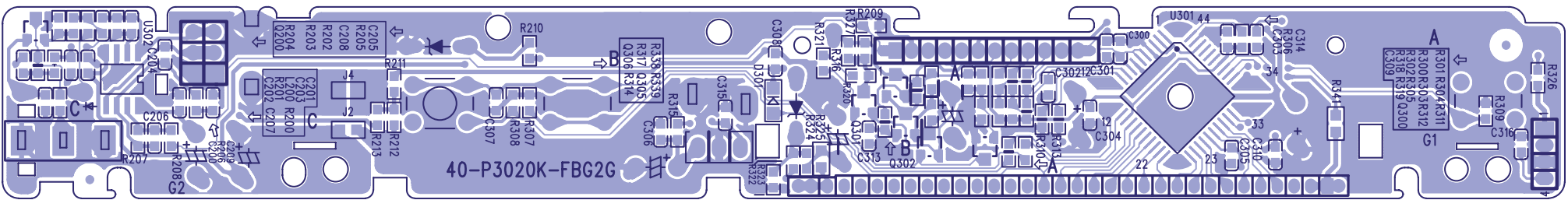
PAINEL FRONTAL - DVP3020



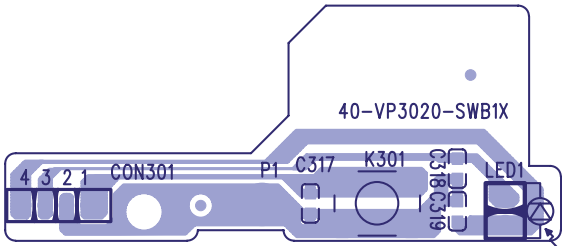
PAINEL FRONTAL - LAYOUT SUPERIOR



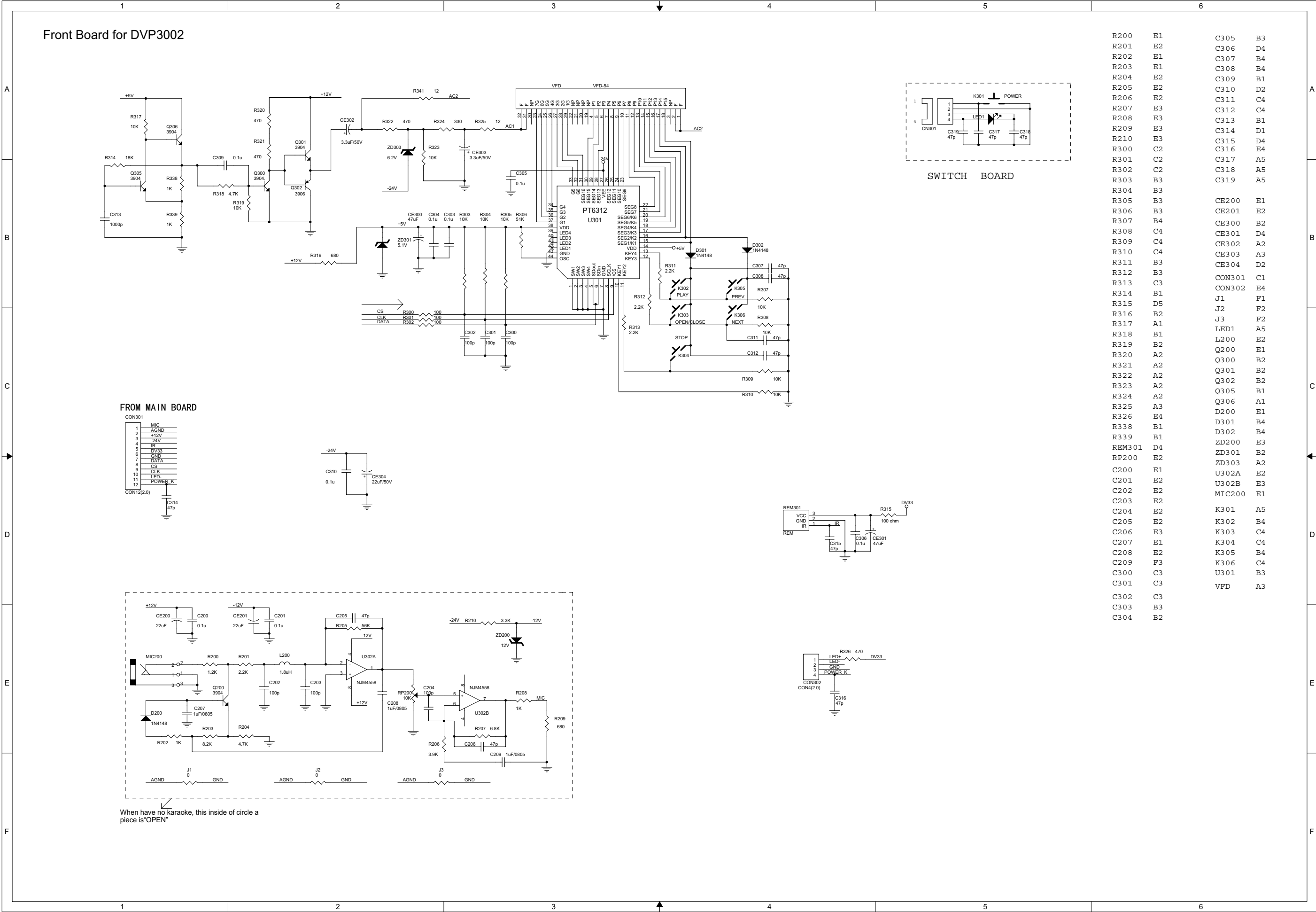
PAINEL FRONTAL - LAYOUT INFERIOR



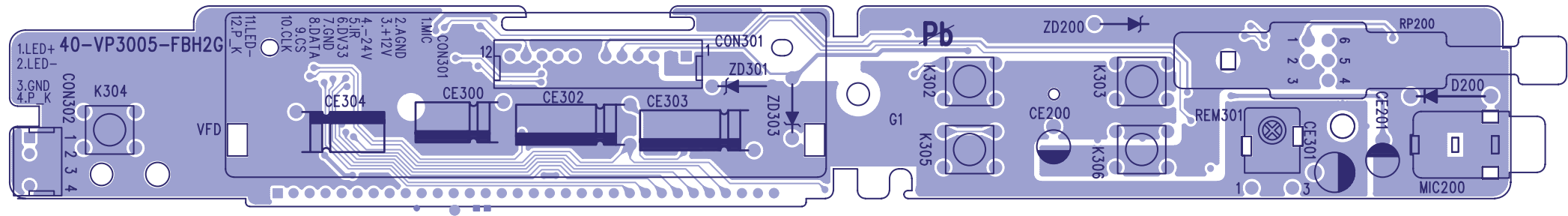
PAINEL SW - LAYOUT INFERIOR



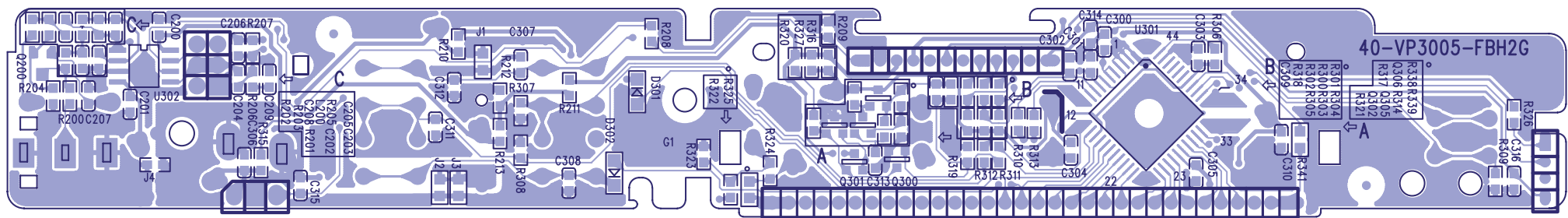
PAINEL FRONTAL - ESQUEMA ELÉTRICO -DVP3002



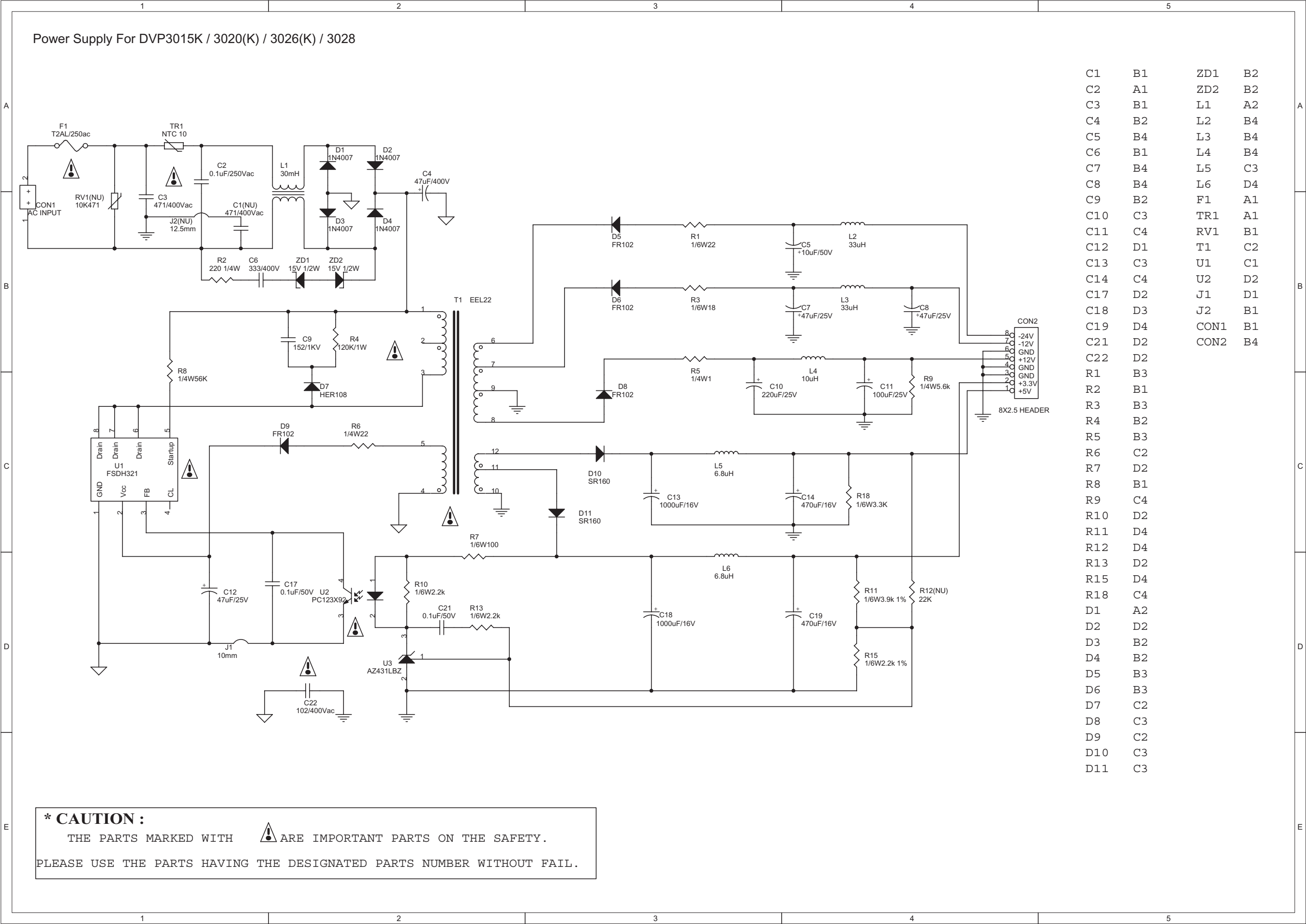
PAINEL FRONTAL - LAYOUT SUPERIOR - DVP3002



PAINEL FRONTAL - LAYOUT INFERIOR - DVP3002

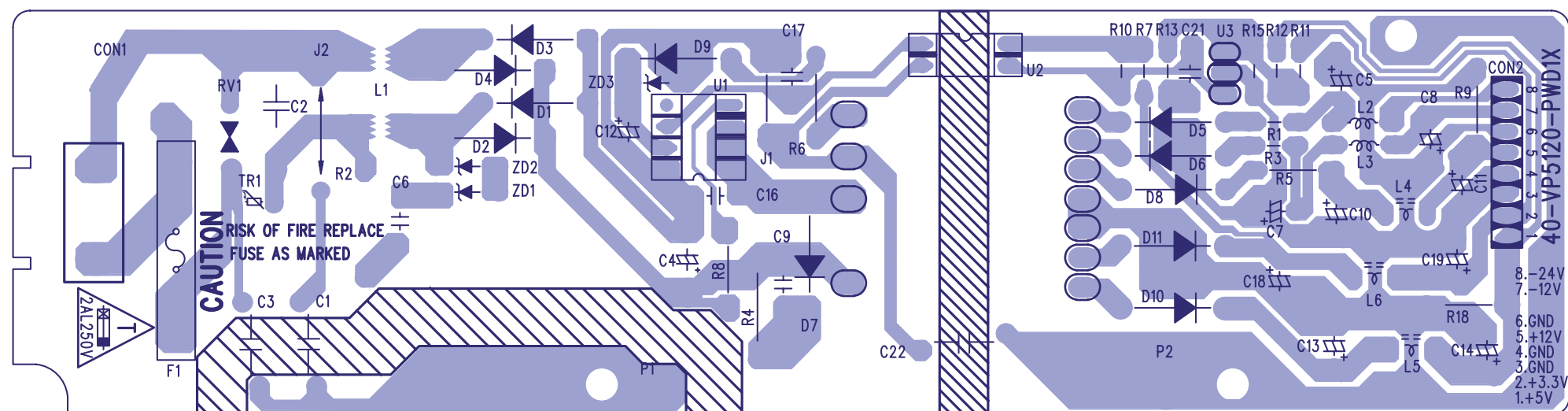


PAINEL ALIMENTAÇÃO



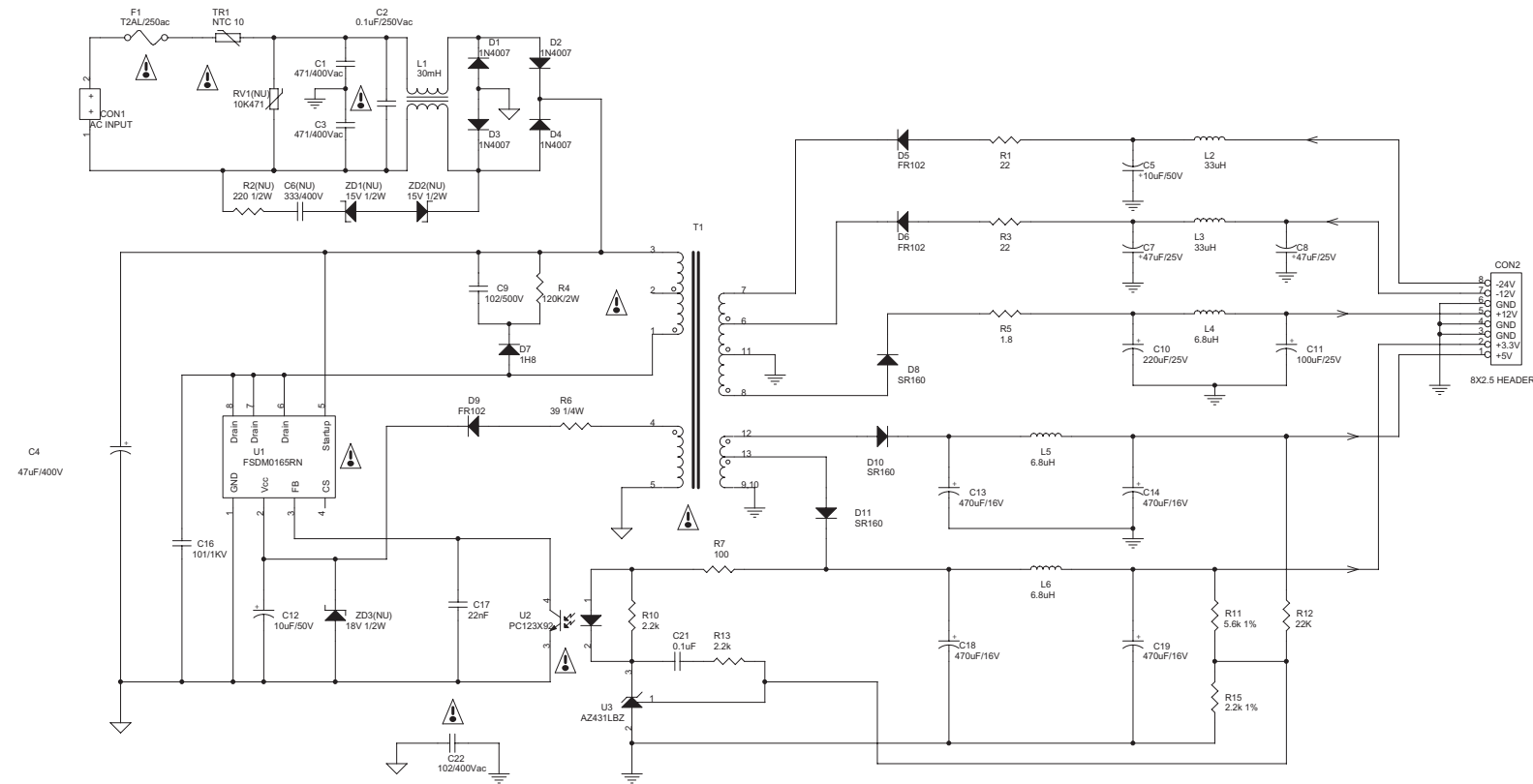


## PAINEL POWER - LAYOUT INFERIOR



## PAINEL ALIMENTAÇÃO - DVP3040

## Power Supply for DVP3040(K)/3042/3046

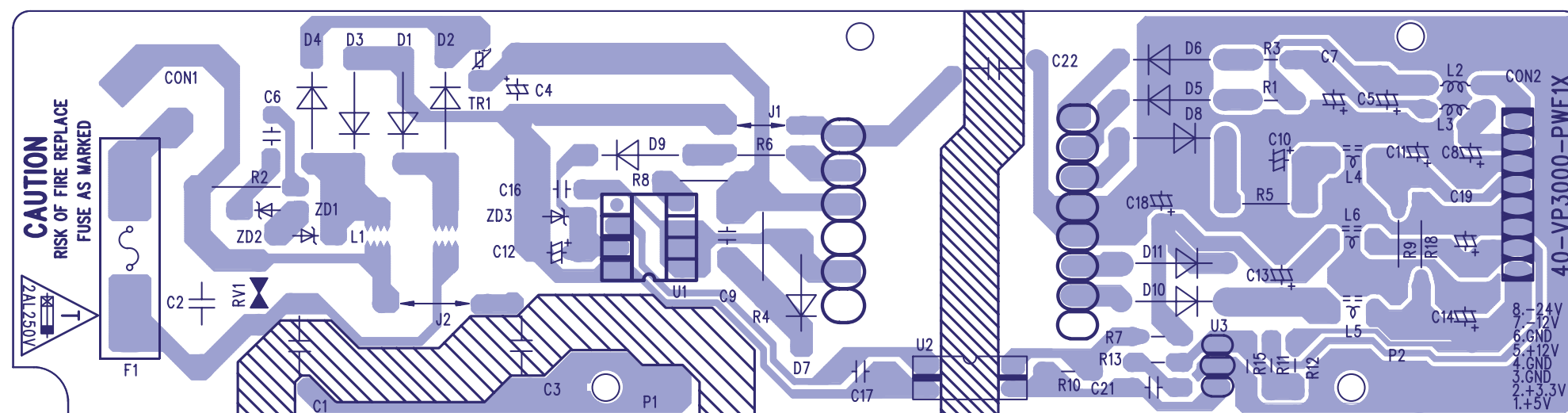


CON1	B1	C14	C3
CON2	C4	C16	D1
R1	B3	C17	D2
R2	B1	C18	D3
R3	B3	C19	D4
R4	C2	C1	B2
R5	C3	C21	D2
R6	C2	C22	D2
R7	D3	D1	B2
R10	D2	D2	B2
R11	D4	D3	B2
R12	D4	D4	B2
R13	D3	D5	B3
R15	D4	D6	B3
R16	C4	D7	C2
L2	B4	D8	C3
L3	B4	D9	C2
L4	C4	D10	C3
L5	C3	D11	C3
L6	D3	ZD1	B2
C1	B2	ZD2	B2
C2	B2	ZD3	D2
C3	B2	U1	C2
C4	C1	U2	D2
C5	B4	U3	D2
C6	B2	F1	B1
C7	C4	TR1	B1
C8	C4	RV1	B2
C9	C2	L1	B2
C10	C4	T1	C2
C11	C4	CON1	B1
C12	D2	CON2	C4
C13	C3		

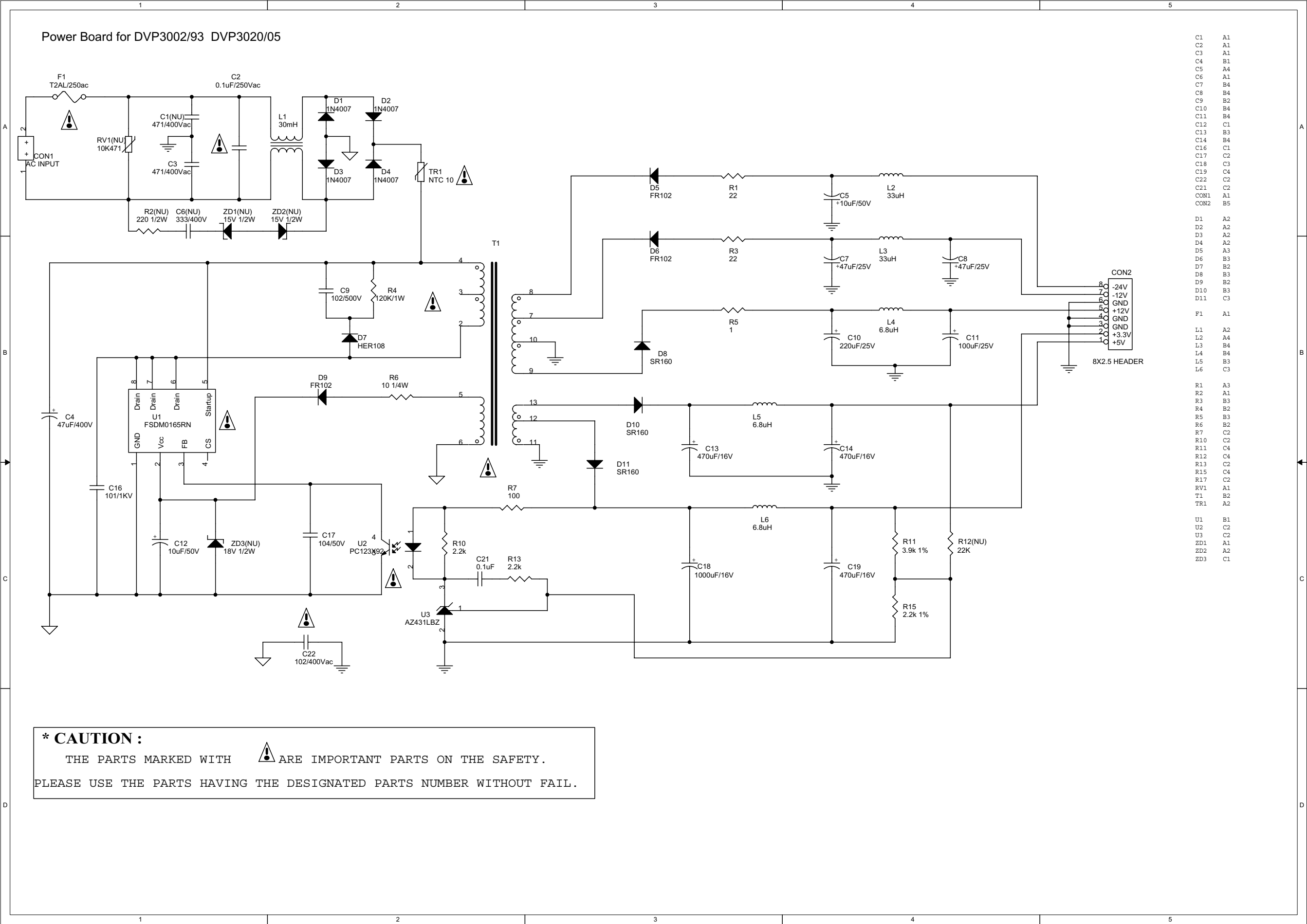
**\* CAUTION :**

THE PARTS MARKED WITH  ARE IMPORTANT PARTS ON THE SAFETY.  
PLEASE USE THE PARTS HAVING THE DESIGNATED PARTS NUMBER WITHOUT FAIL.

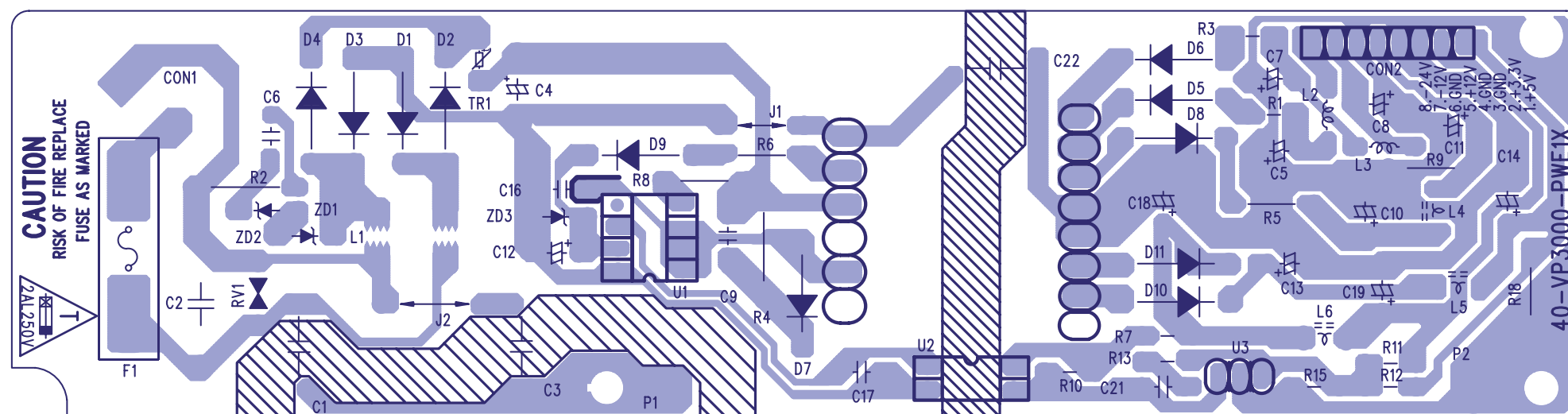
## PAINEL POWER - LAYOUT INFERIOR- DVP3040



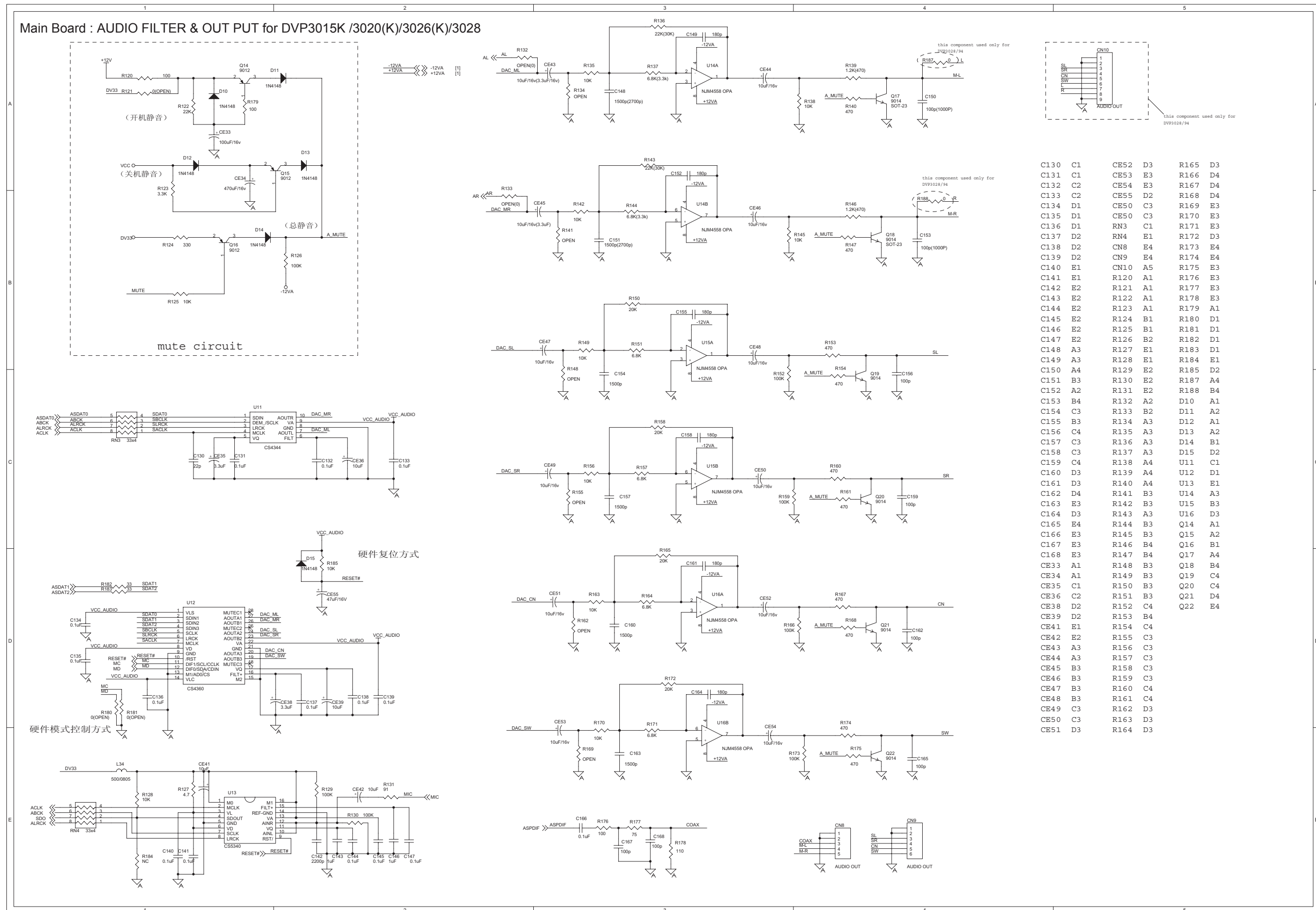
PAINEL POWER - ESQUEMA ELÉTRICO - DVP3020



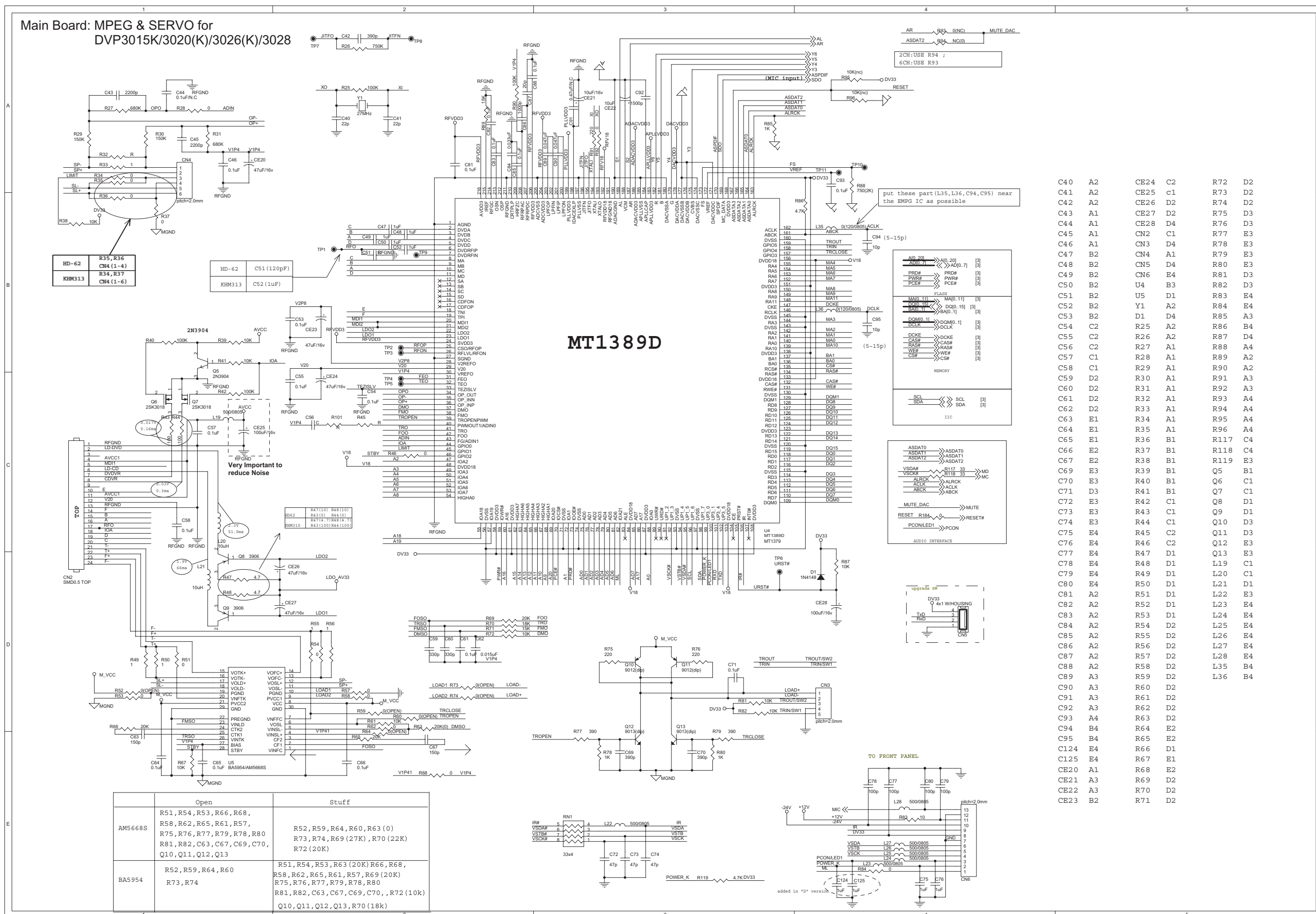
## PAINEL POWER - LAYOUT SUPERIOR - DVP3020



## PAINEL PRINCIPAL: FILTRO E SAÍDA DE ÁUDIO - DVP3020



## PAINEL PRINCIPAL - MPEG &amp; SERVO -DVP3020

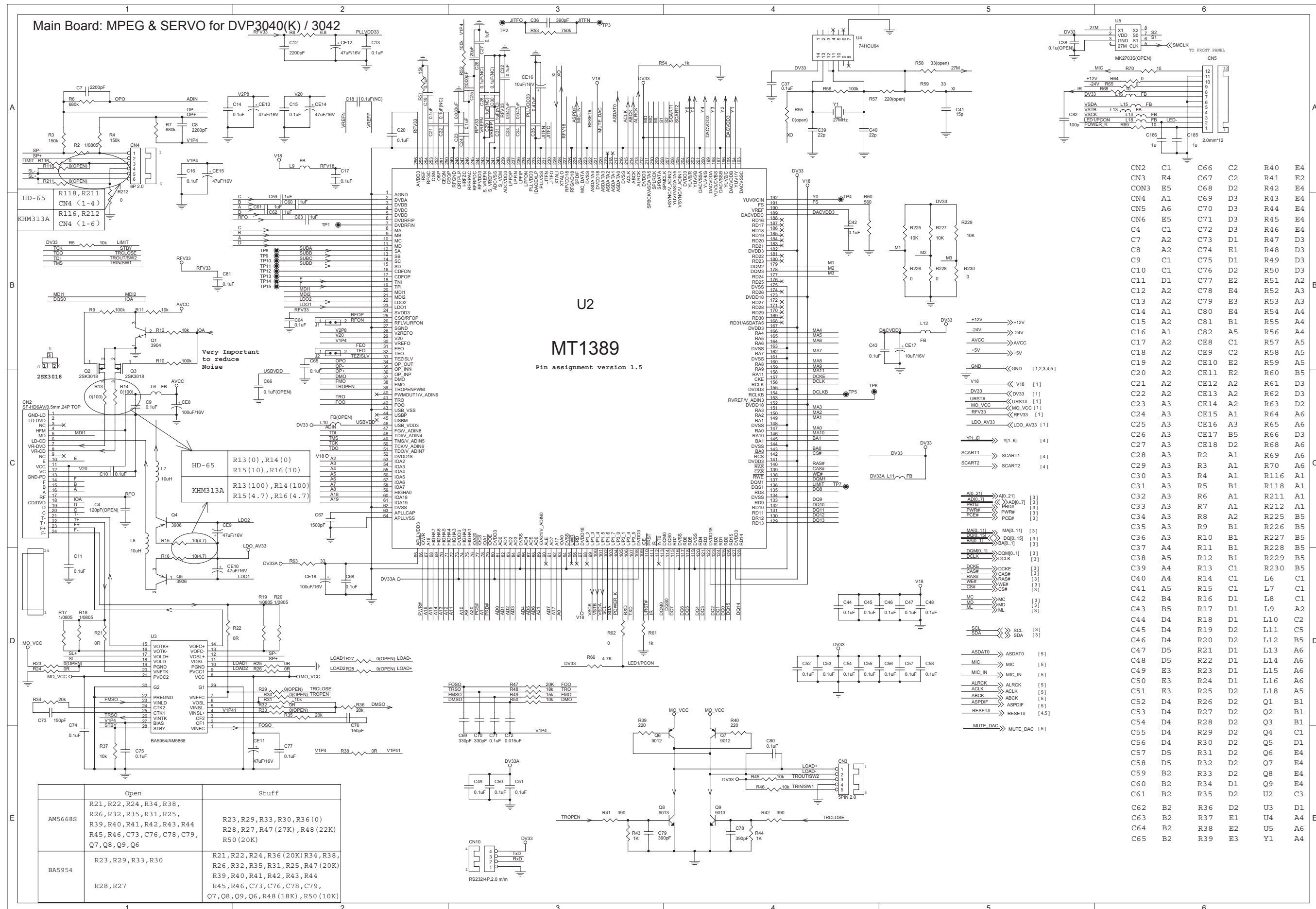


[illegible]

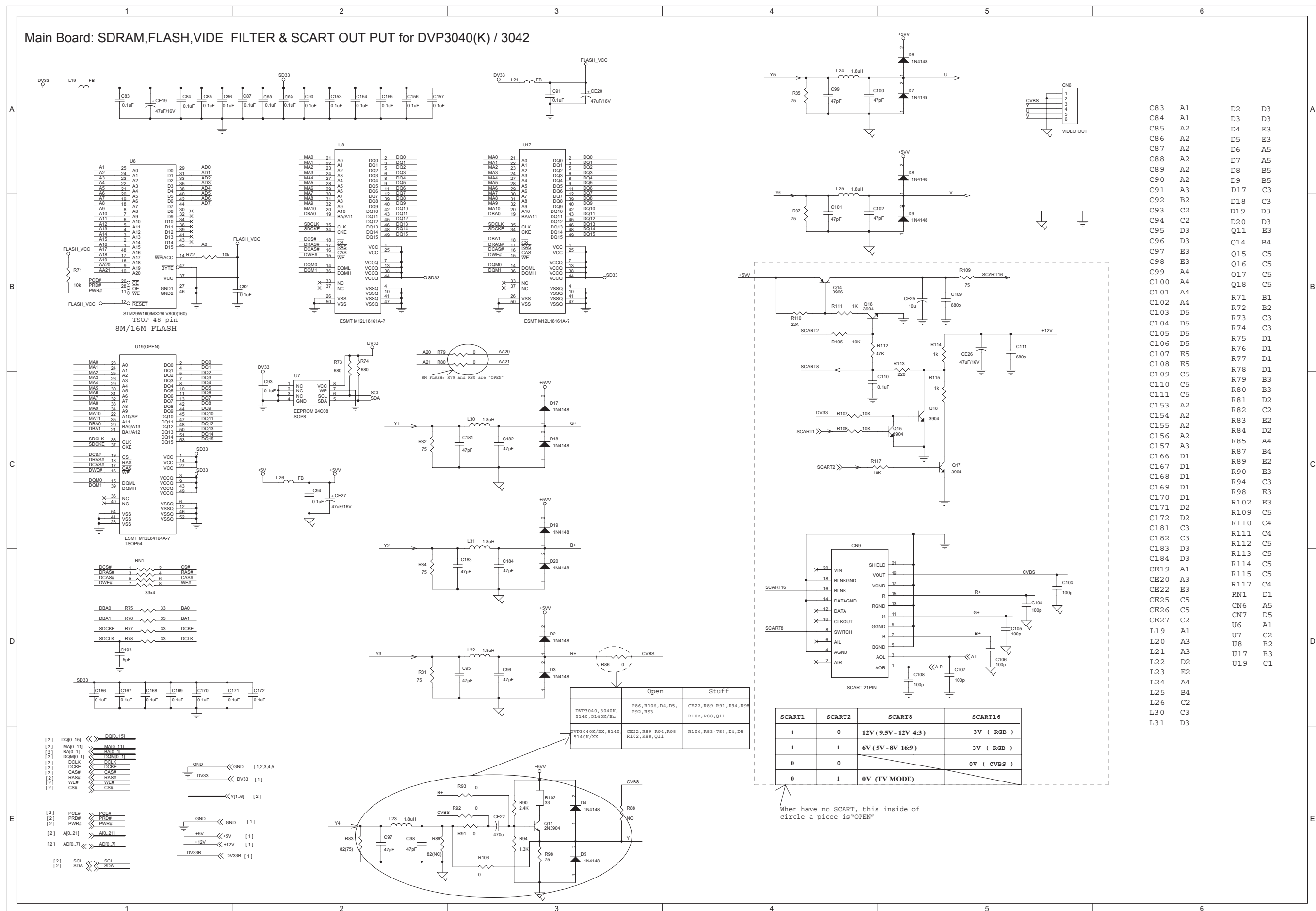




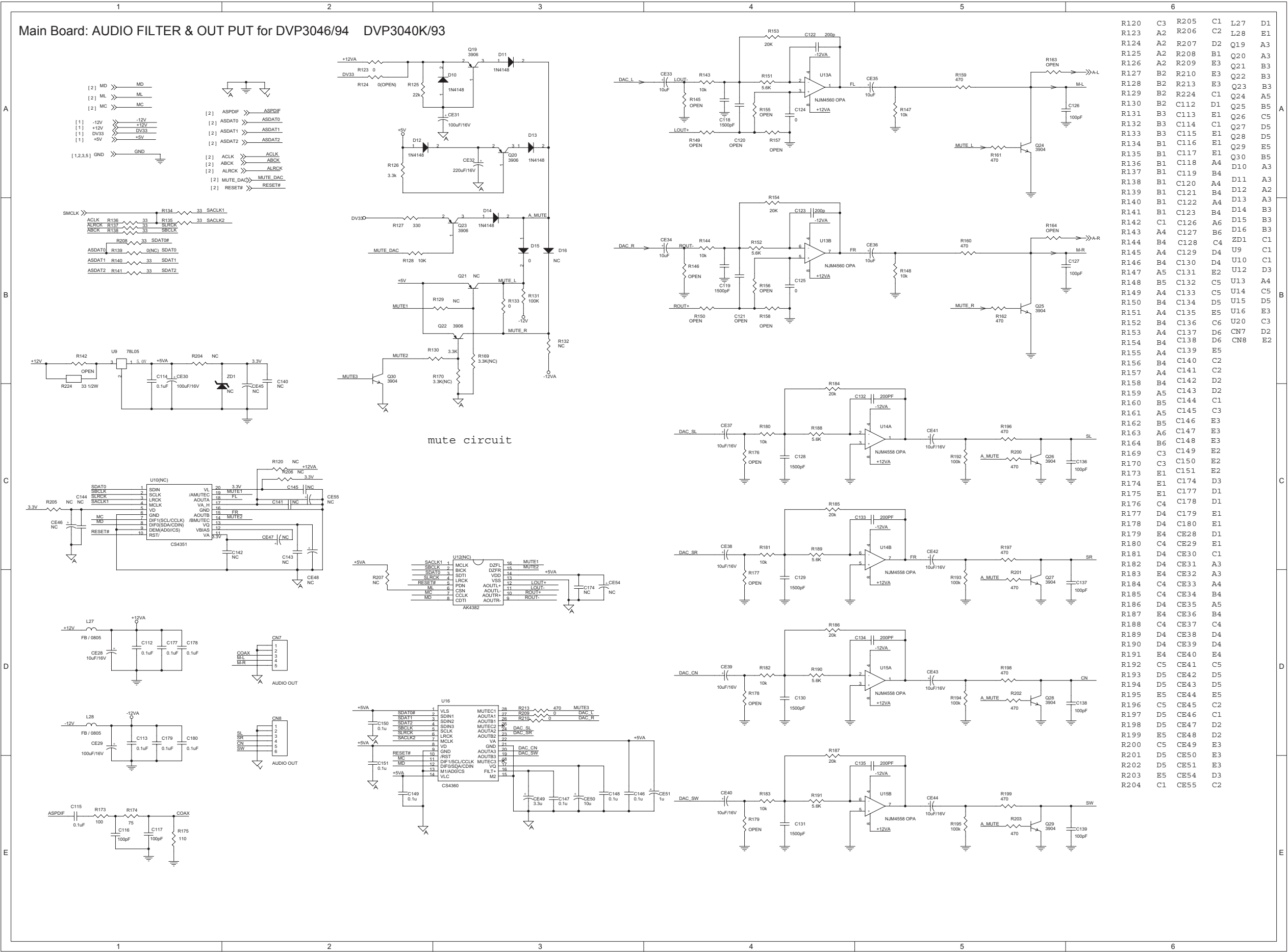
## PAINEL PRINCIPAL - MPEG & SERVO - DVP3040



## PAINEL PRINCIPAL - SDRAM, FLASH, FILTRO DE VÍDEO &amp; SAÍDA SCART - DVP3040

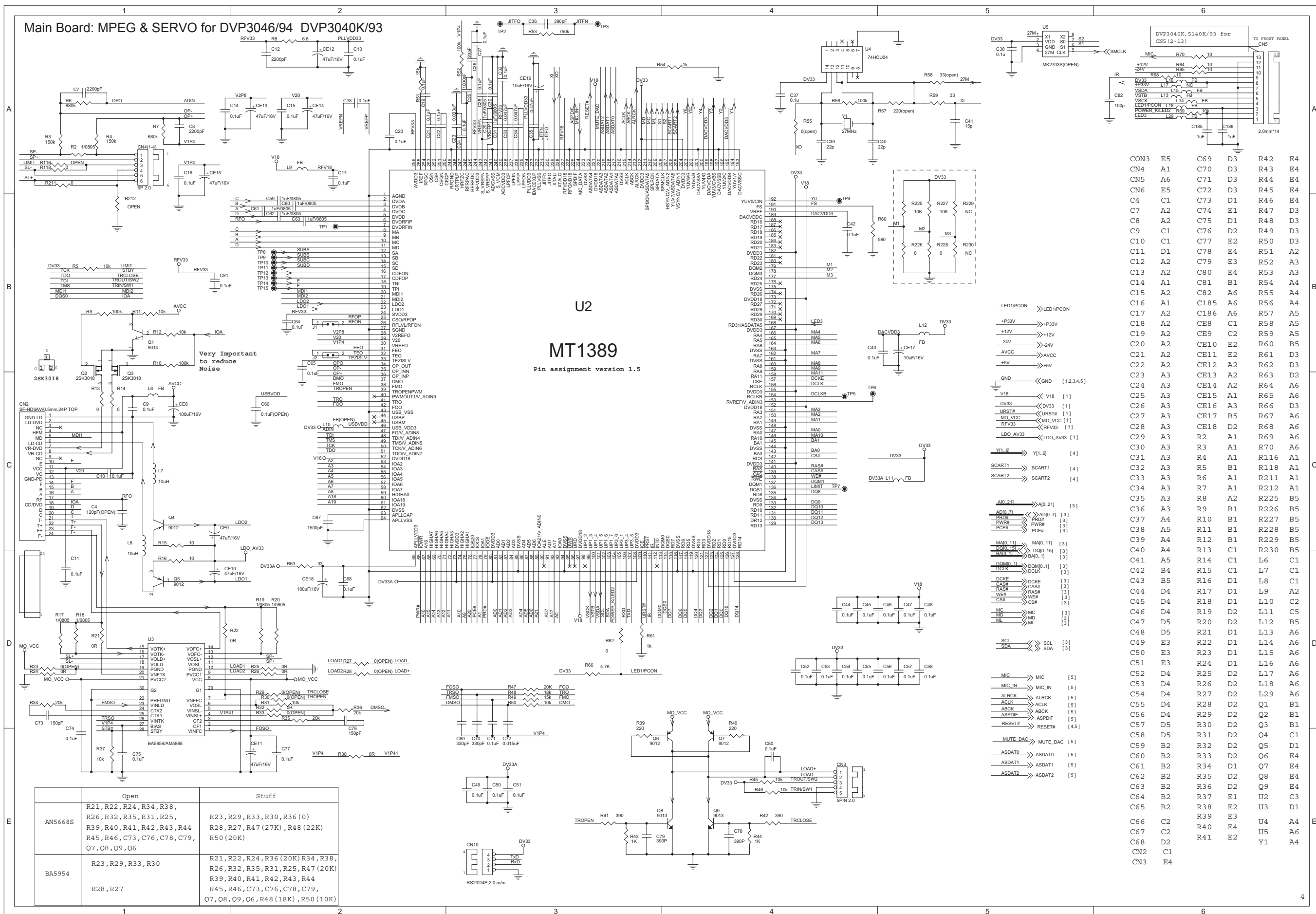


PAINEL PRINCIPAL - FILTRO DE ÁUDIO & SAÍDA - DVP3040



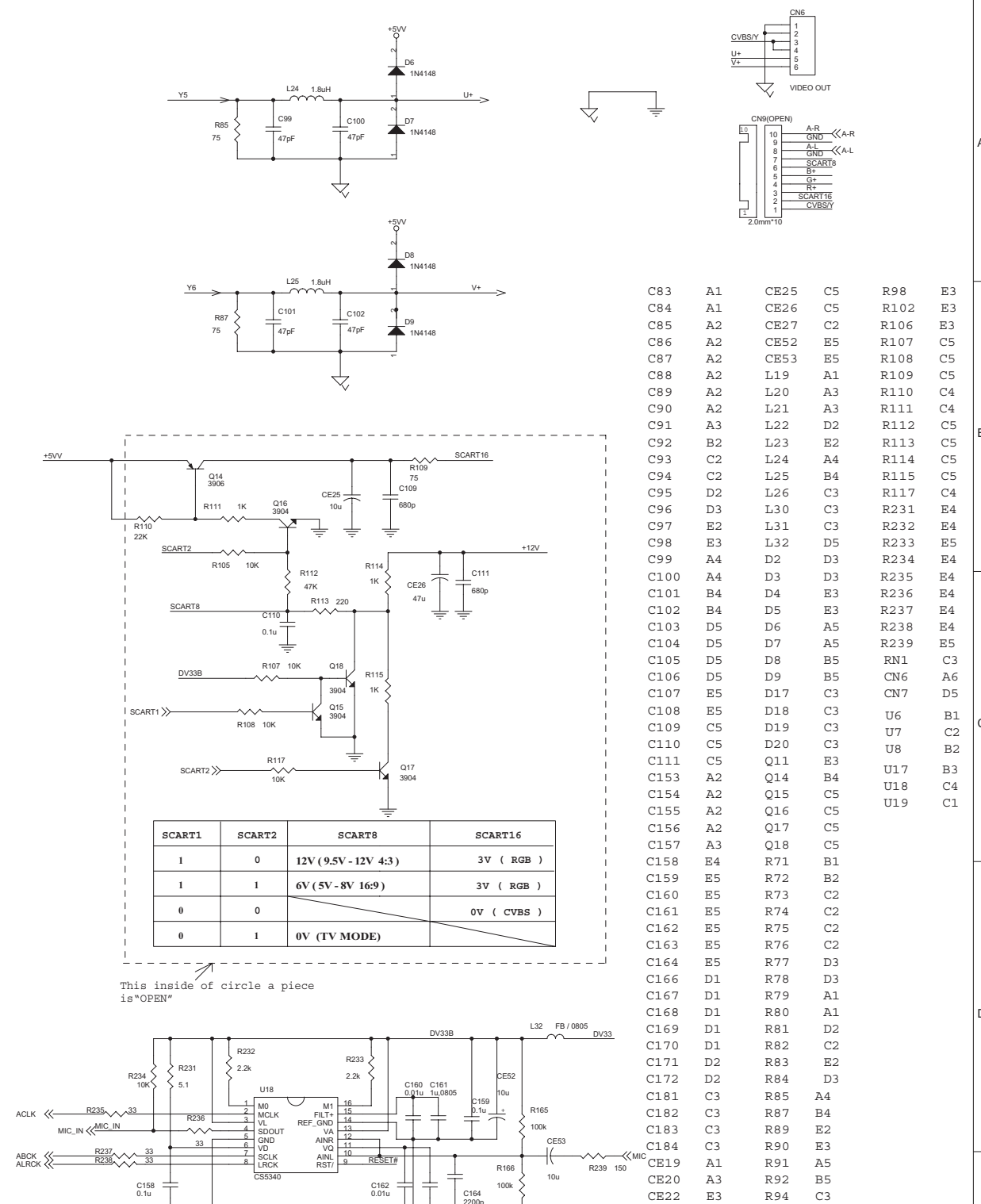
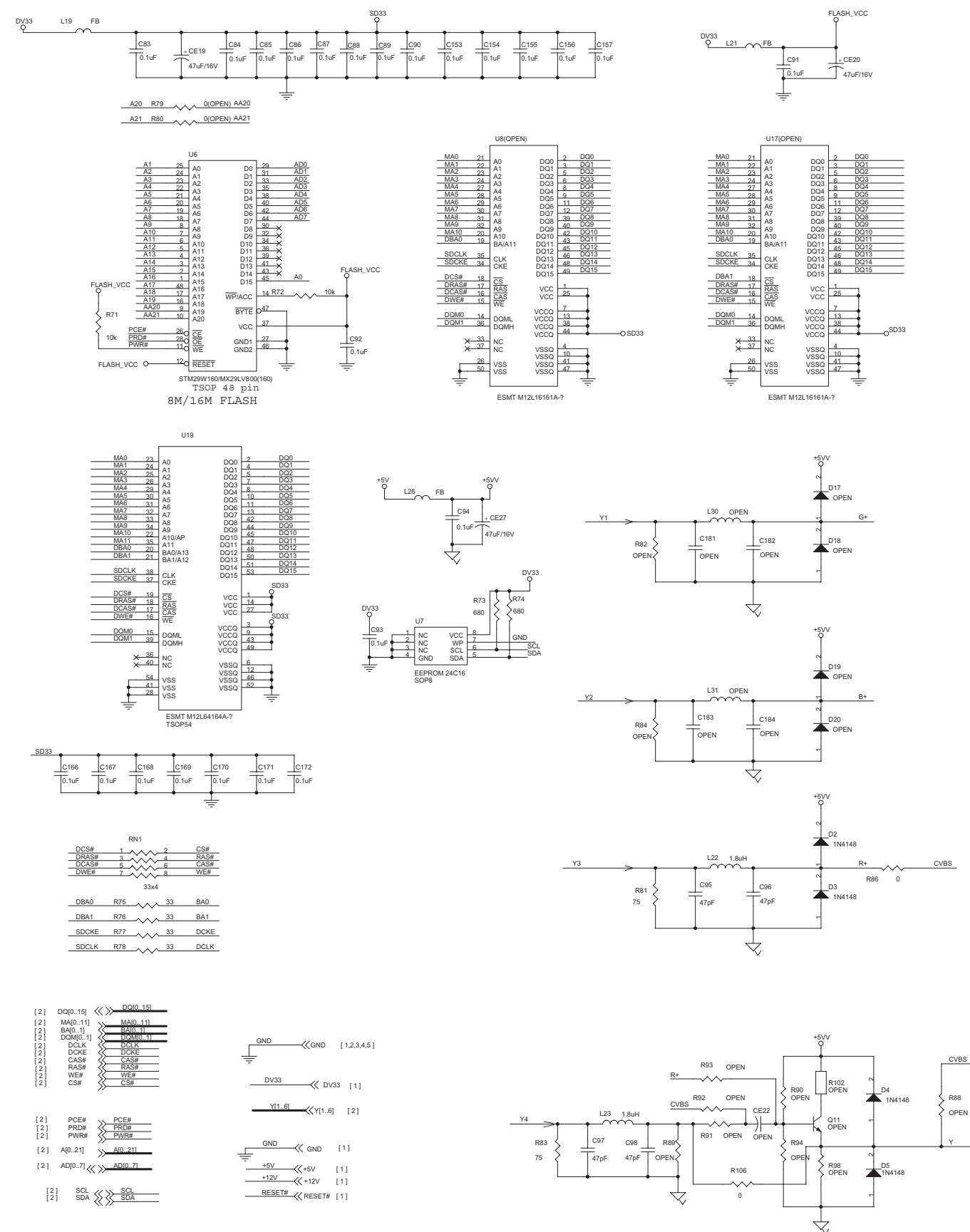


## PAINEL PRINCIPAL - MPEG &amp; SERVO - DVP3046

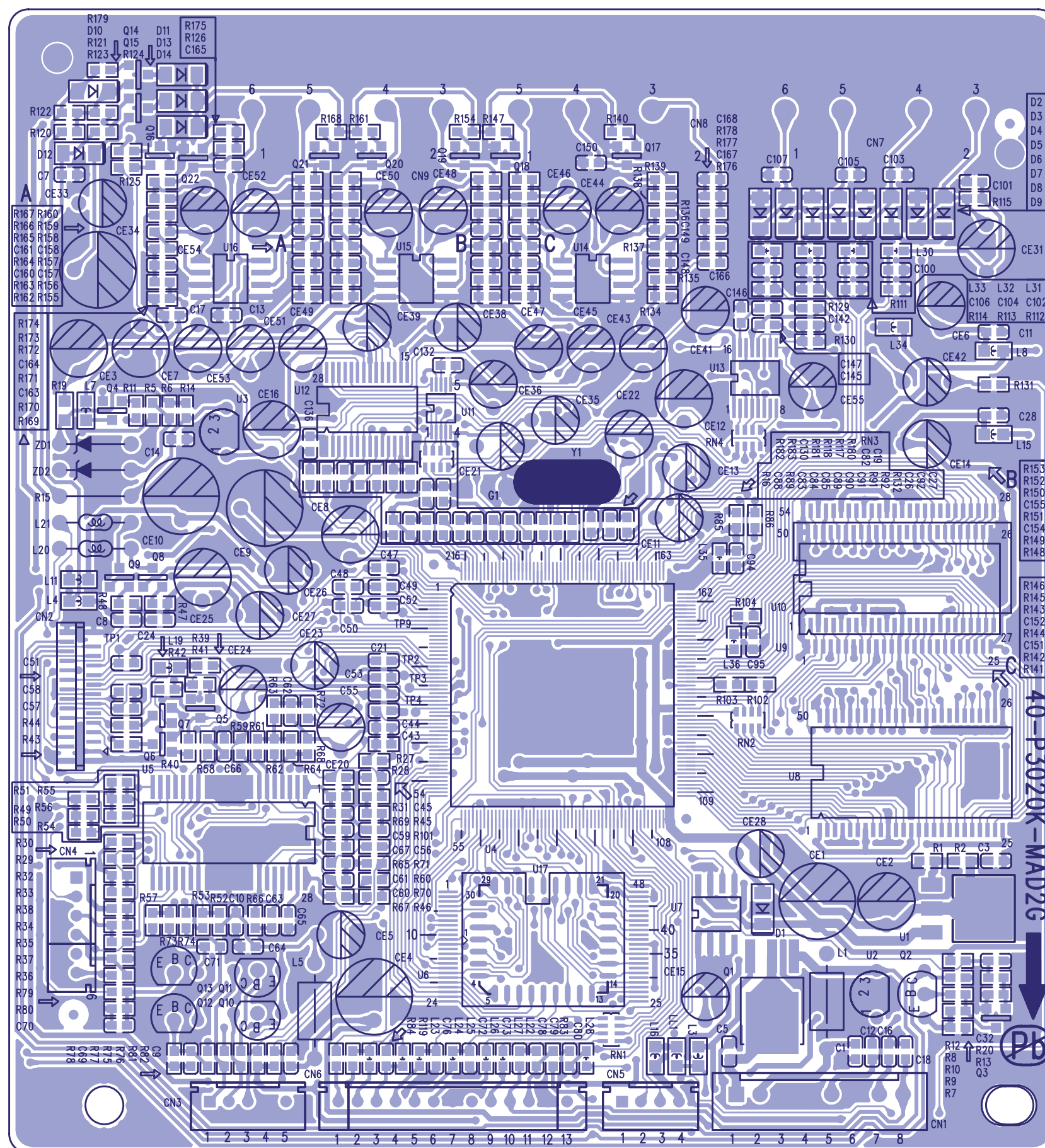


## PAINEL PRINCIPAL - SDRAM, FLASH, SAÍDA FILTRO DE VÍDEO - DVP3046

## Main Board : SDRAM,FLASH,VIDEO FILTER OUT PUT for DVP3046/94 DVP3040K/93

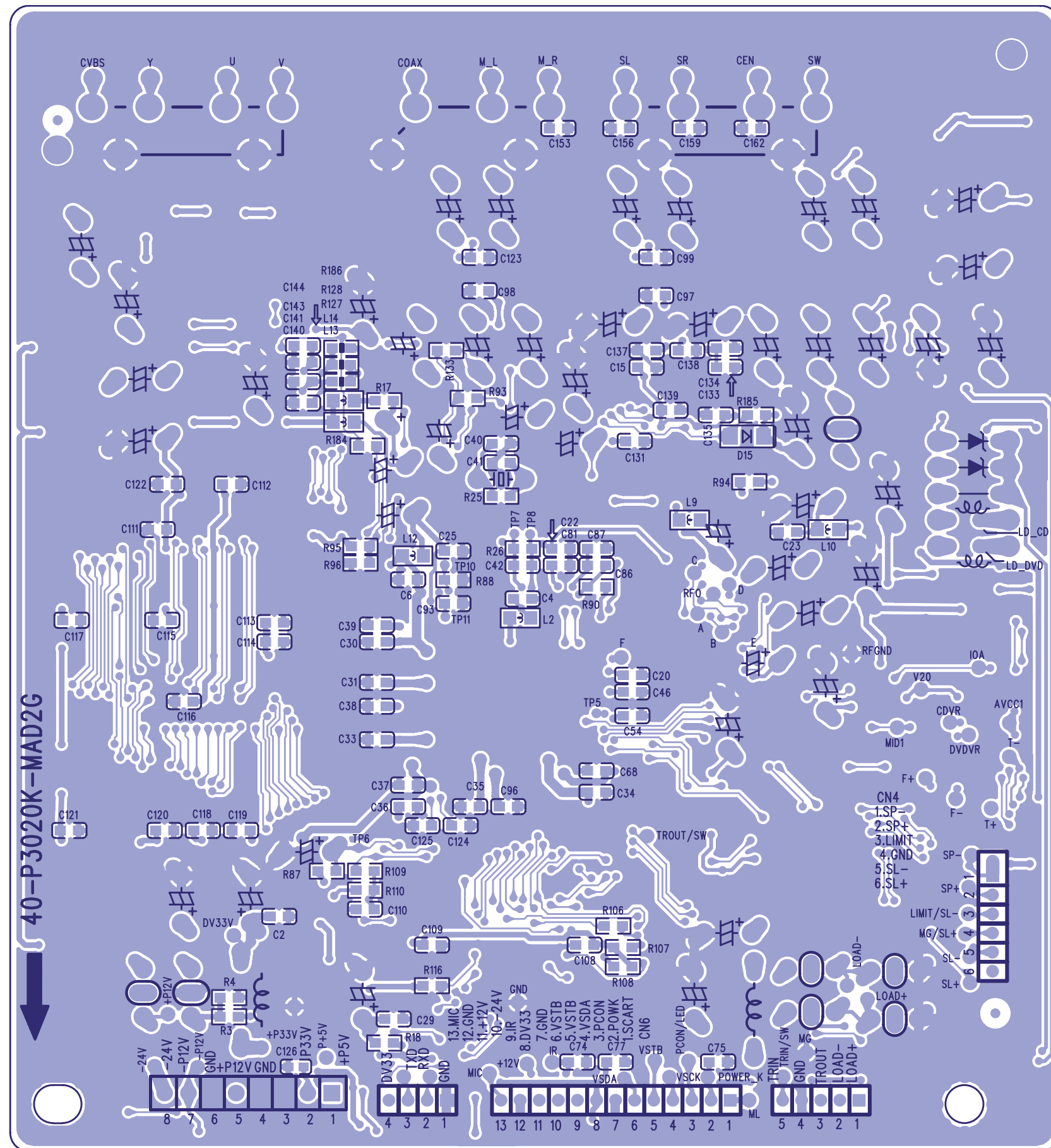


## PAINEL PRINCIPAL - LAYOUT SUPERIOR





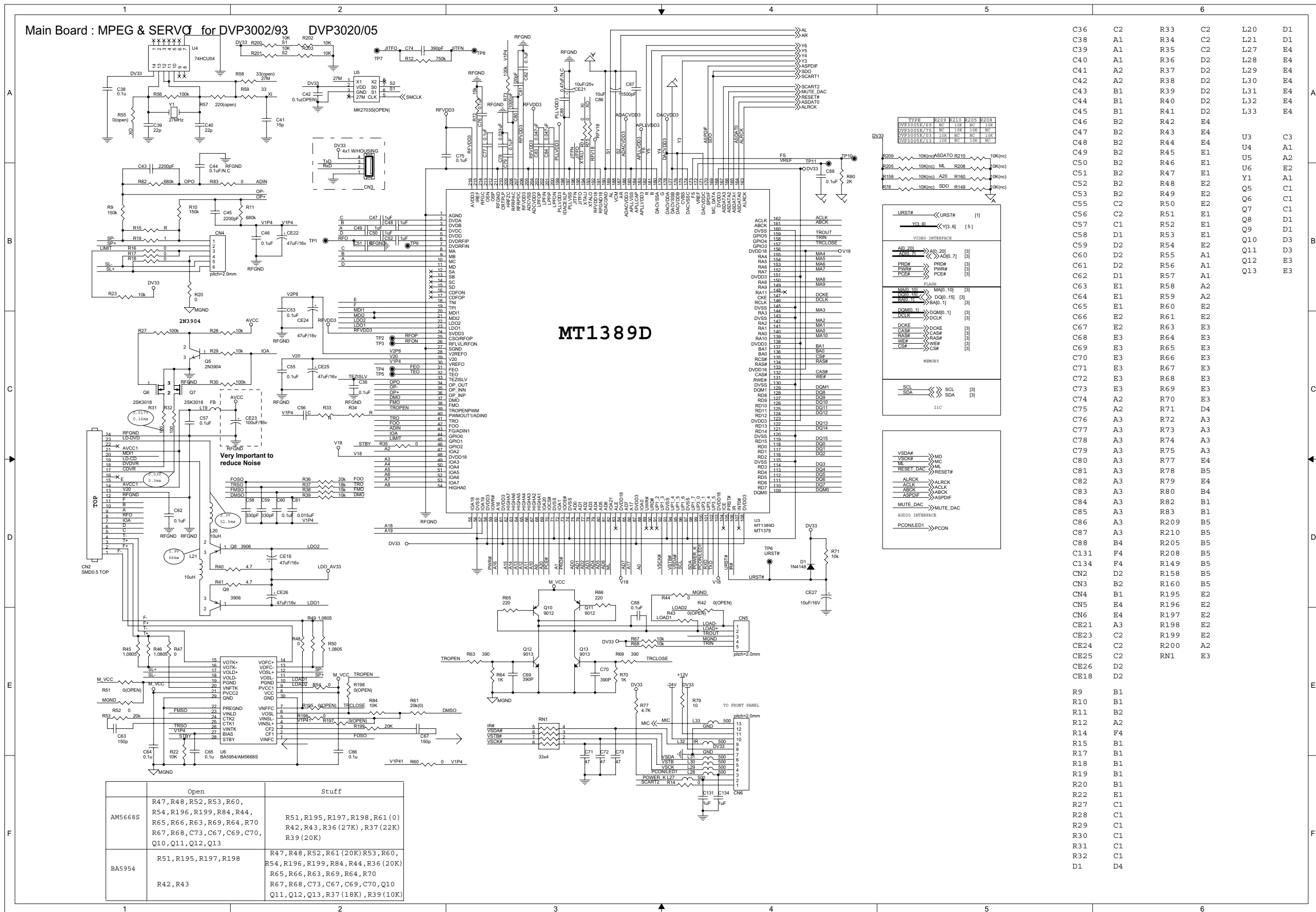
### PAINEL PRINCIPAL - LAYOUT INFERIOR





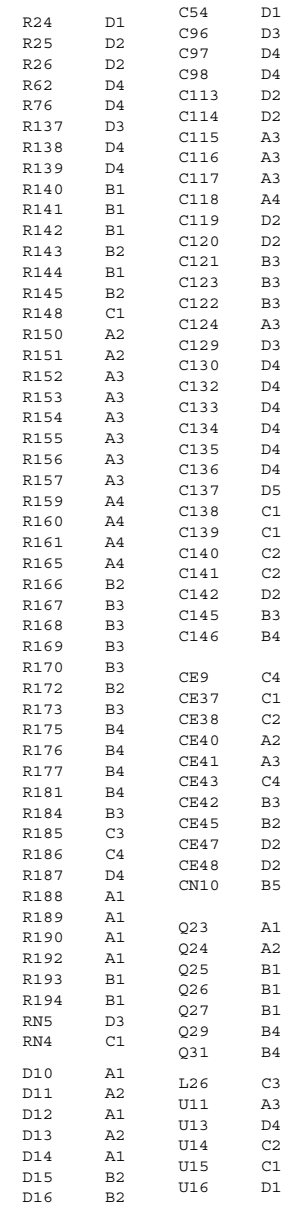


## PAINEL PRINCIPAL - MPEG &amp; SERVO - DVP 3020

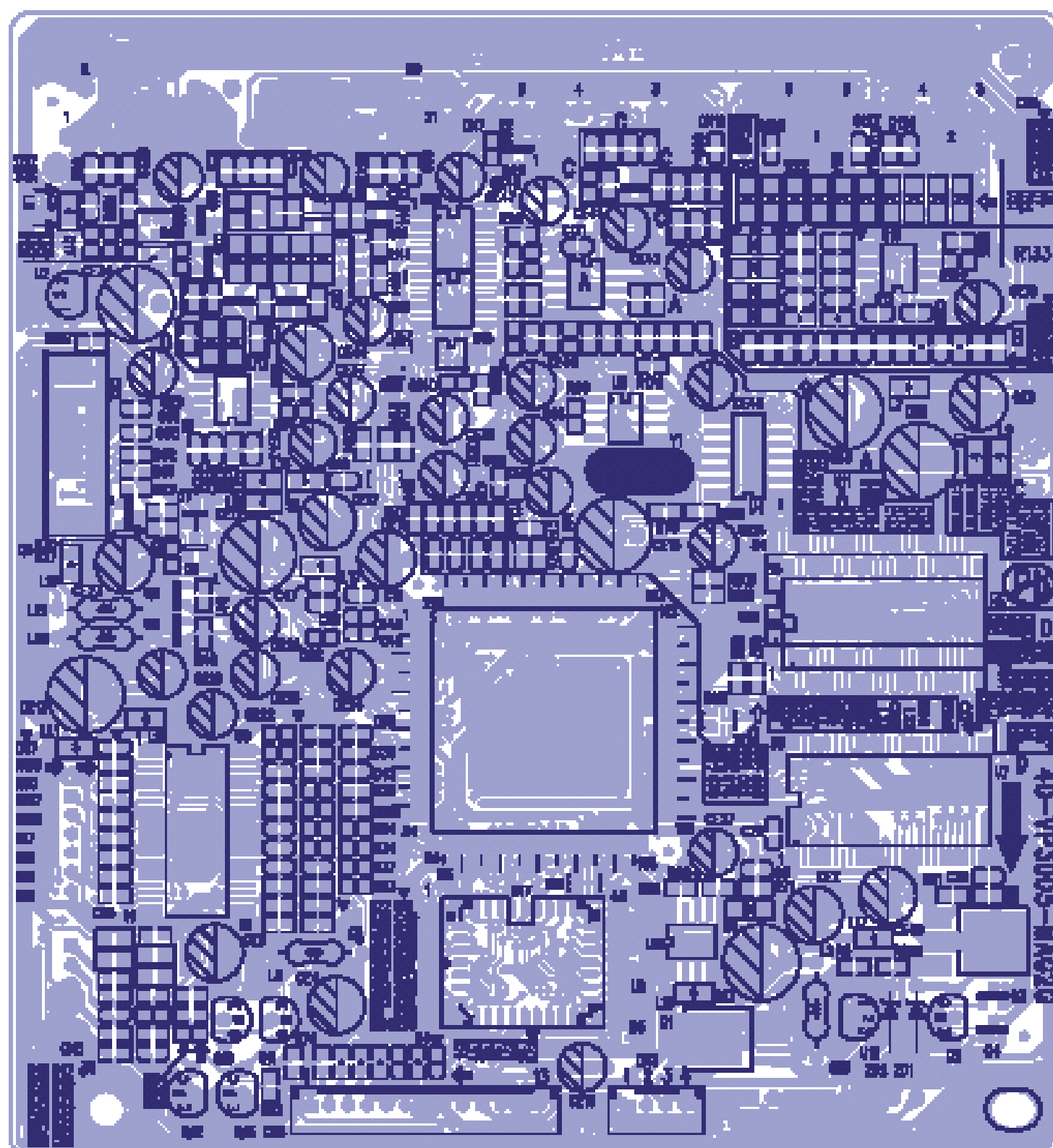




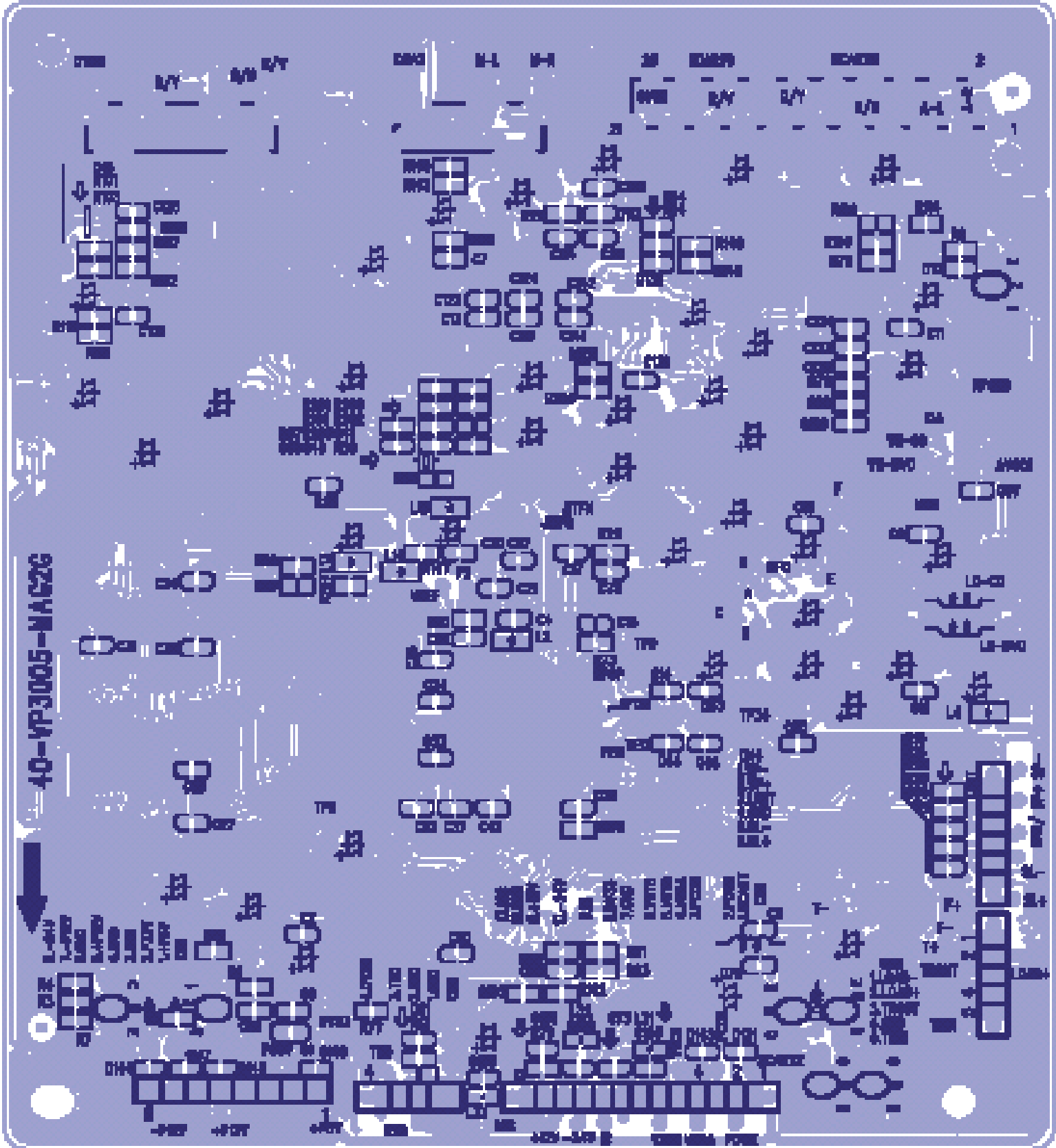
## PAINEL PRINCIPAL - FILTRO DE ÁUDIO & SAÍDA - DVP3020



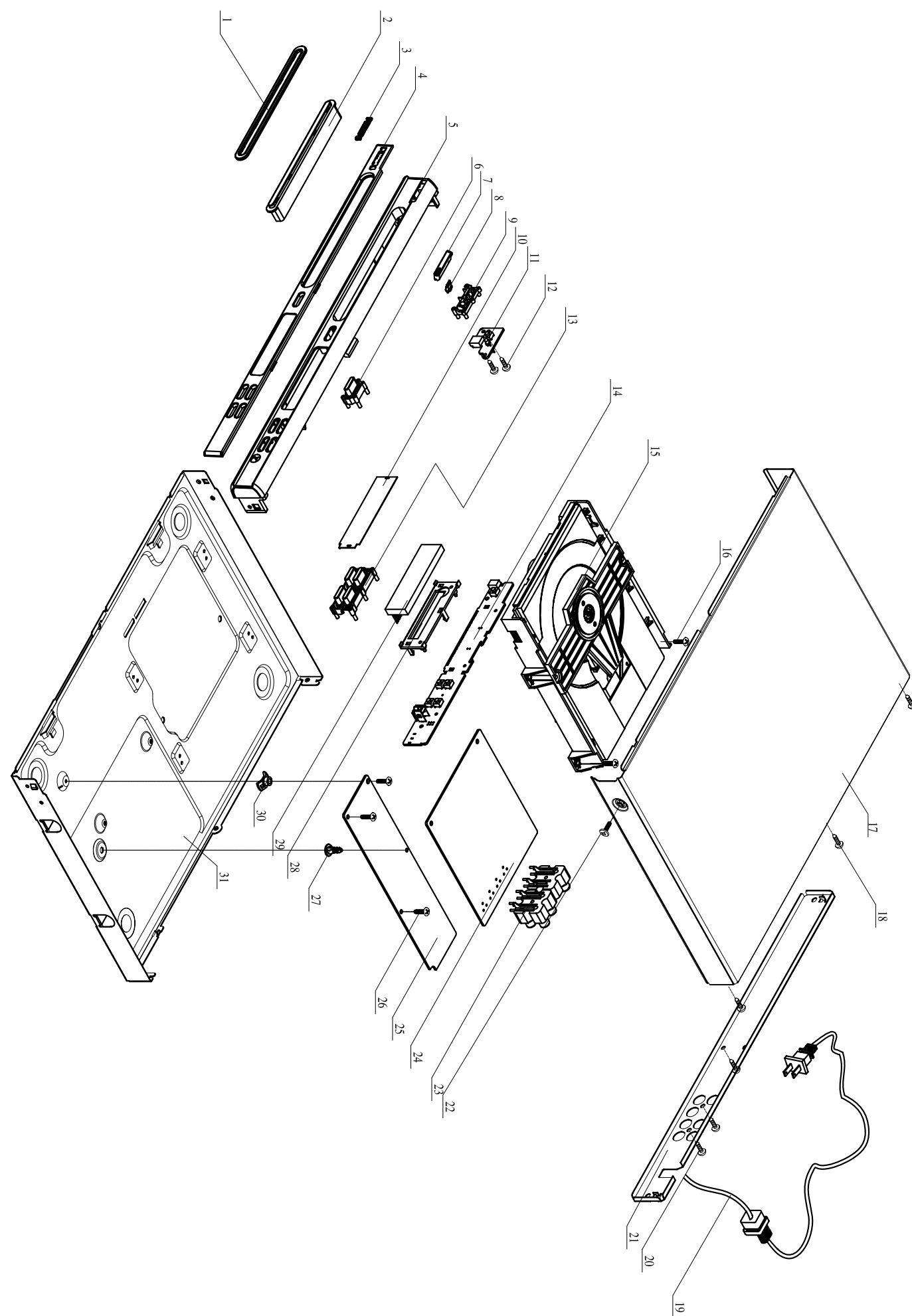
## PAINEL PRINCIPAL - LAYOUT SUPERIOR - DVP3020



PAINEL PRINCIPAL - LAYOUT INFERIOR - DVP3020

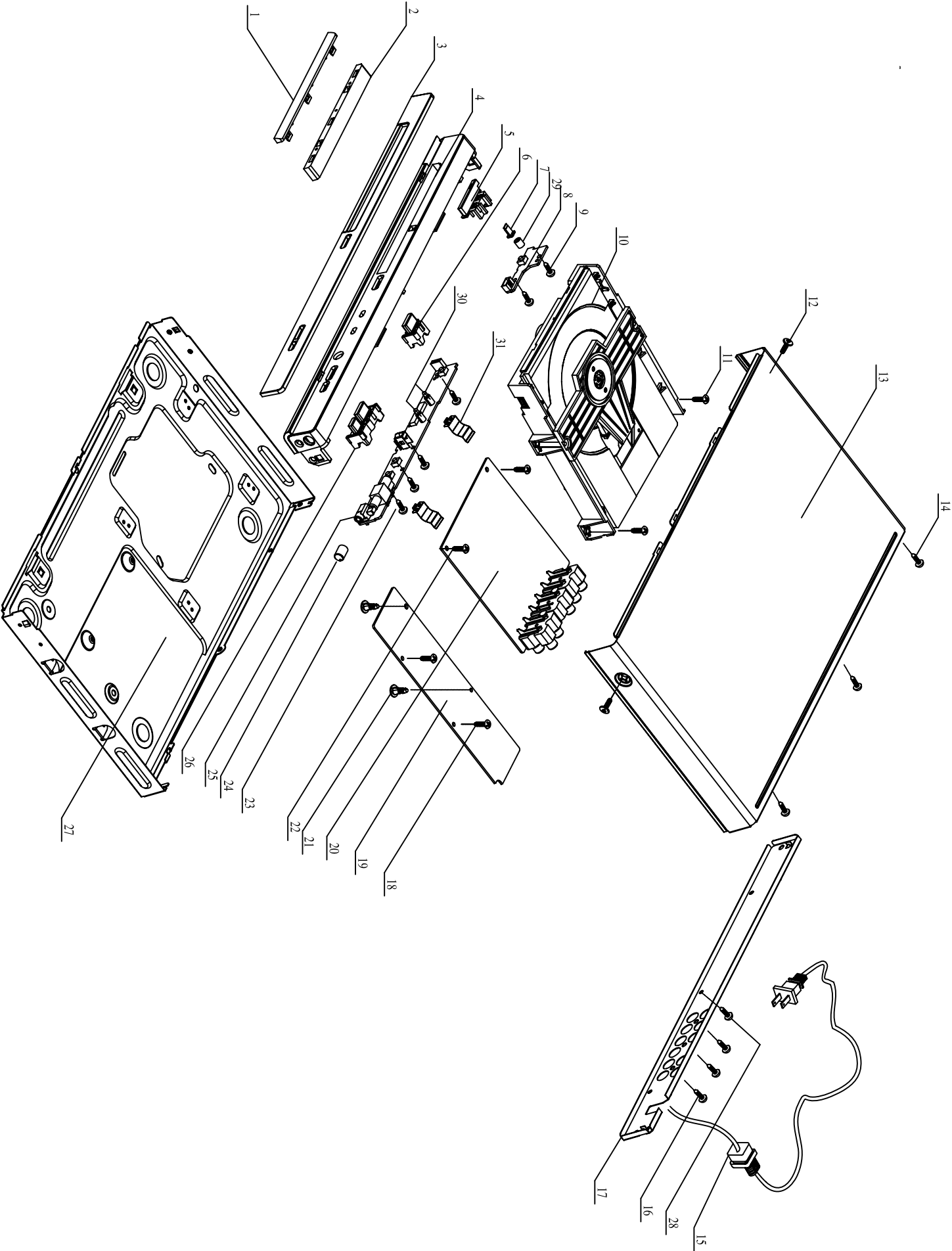


## VISTA EXPLODIDA - DVP3020





VISTA EXPLODIDA - DVP3015K





## VISTA EXPLODIDA DVP3020/3026/3040/3028/3042/3046

