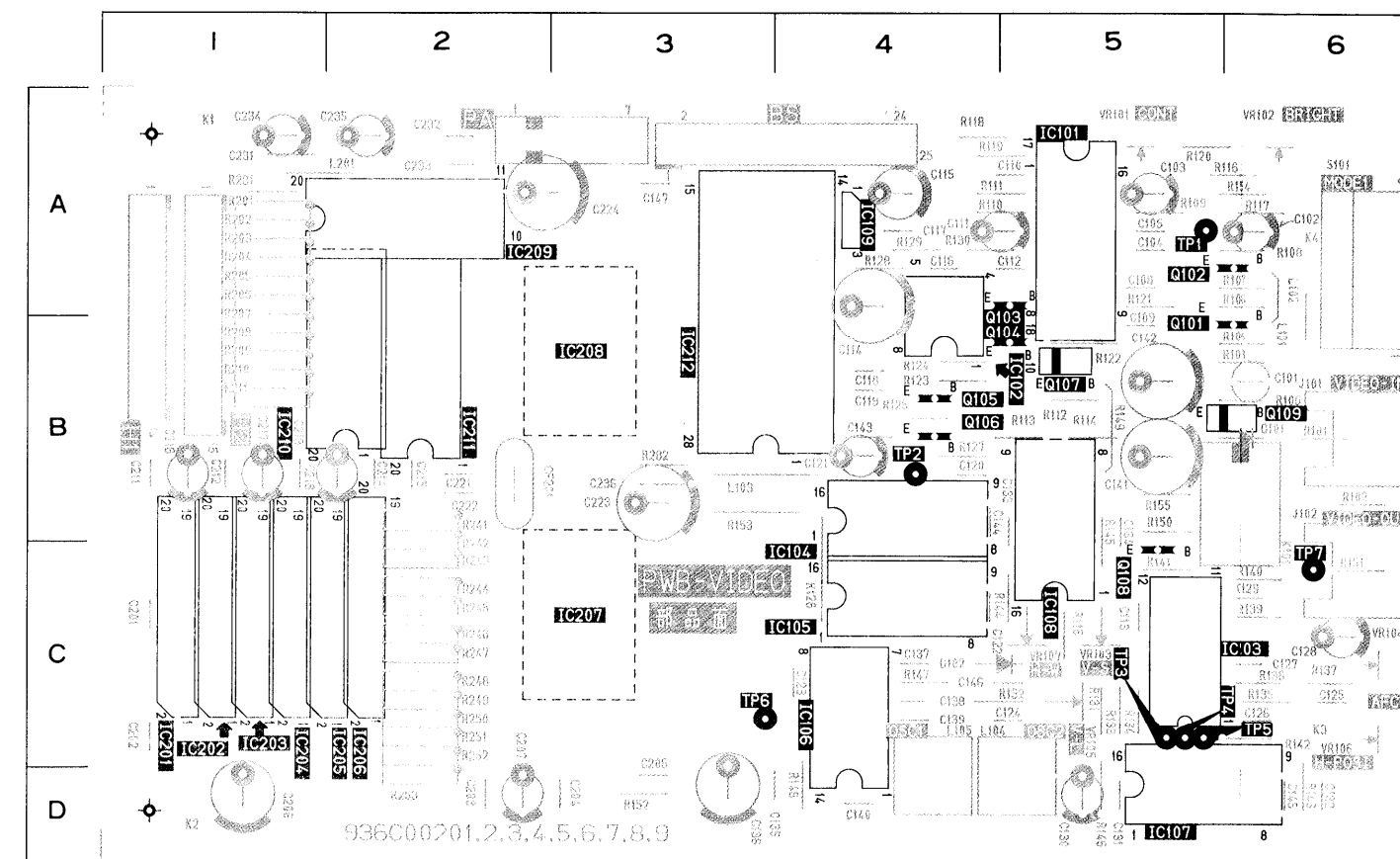


CPU-PCB (FOIL SIDE)

SYMBOL NO.	ADDRESS
D302	B- 1
D303	B- 1
D304	B- 1
D305	B- 1
D306	B- 1
D307	B- 1
D308	B- 1
D309	C- 2
D310	C- 2
IC301	B- 4
IC302	C- 5
IC303	B- 5
IC304	B- 5
IC305	B- 6
IC306	B- 6
IC307	C- 2
IC308	C- 3
IC309	C- 3
IC310	C- 2
IC311	C- C
IC312	C- 3
IC313	B- 2
IC314	B- 7

SYMBOL NO.	ADDRESS
L325	A- 4
L326	A- 3
L327	A- 3
L328	A- 3
Q301	C- 5
Q302	C- 3
Q303	C- 3
Q304	C- 4
Q306	A- 1
Q307	C- 2
Q308	C- 2
Q309	C- 2
Q310	A- 1
Q311	A- 2
Q312	B- 4
Q313	B- 2
Q314	B- 2
Q315	D- 7
Q316	D- 6

SYMBOL NO.	ADDRESS
TP30	A- 1
TP31	A- 1
TP32	A- 1
VR30	A- 1
VR302	A- 1

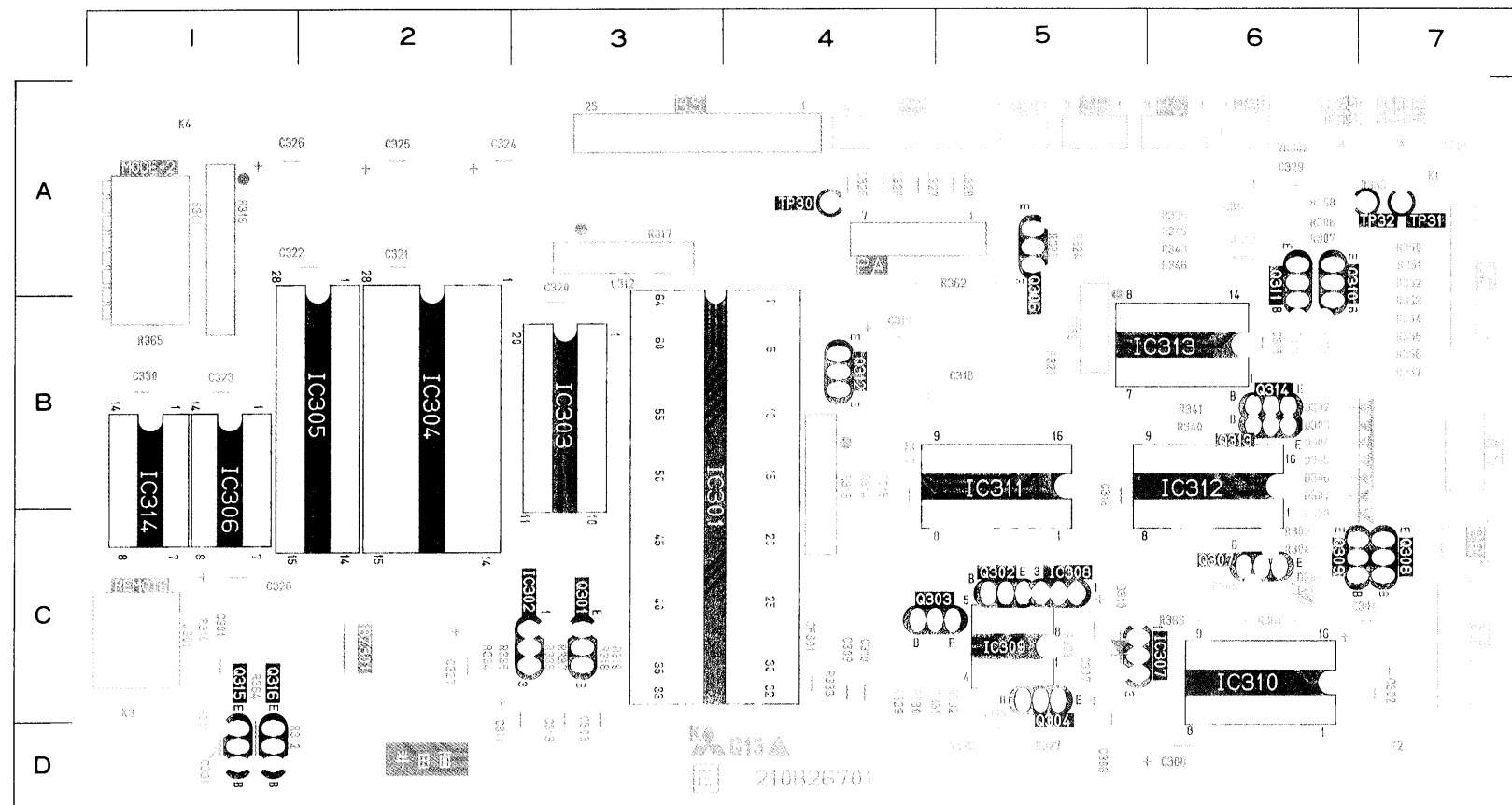


VIDEO-PCB (PARTS SIDE)

SYMBOL NO.	ADDRESS
D101	B- 6
D102	C- 4
IC101	A- 5
IC102	B- 4
IC103	C- 5
IC104	C- 4
IC105	C- 4
IC106	C- 4
IC107	D- 5
IC108	C- 5
IC109	A- 4
IC201	C- 1
IC202	C- 1
IC203	C- 1
IC204	C- 1
IC205	C- 2
IC206	C- 2
IC207	C- 3
IC208	B- 3
IC209	A- 2
IC210	B- 2
IC211	B- 2
IC212	B- 3

SYMBOL NO.	ADDRESS
L101	B- 6
L102	B- 6
L103	B- 3
L104	C- 5
L105	C- 4
L201	A- 1
Q101	B- 5
Q102	B- 5
Q103	B- 5
Q104	B- 5
Q105	B- 4
Q106	B- 4
Q107	B- 5
Q108	C- 5
Q109	B- 5

SYMBOL NO.	ADDRESS
TP1	A- 5
TP2	B- 4
TP3	C- 5
TP4	C- 5
TP5	C- 5
TP6	C- 3
TP7	C- 6
VR101	A- 5
VR102	A- 6
VR103	C- 5
VR104	C- 6
VR105	C- 5
VR106	C- 6
VR107	C- 5

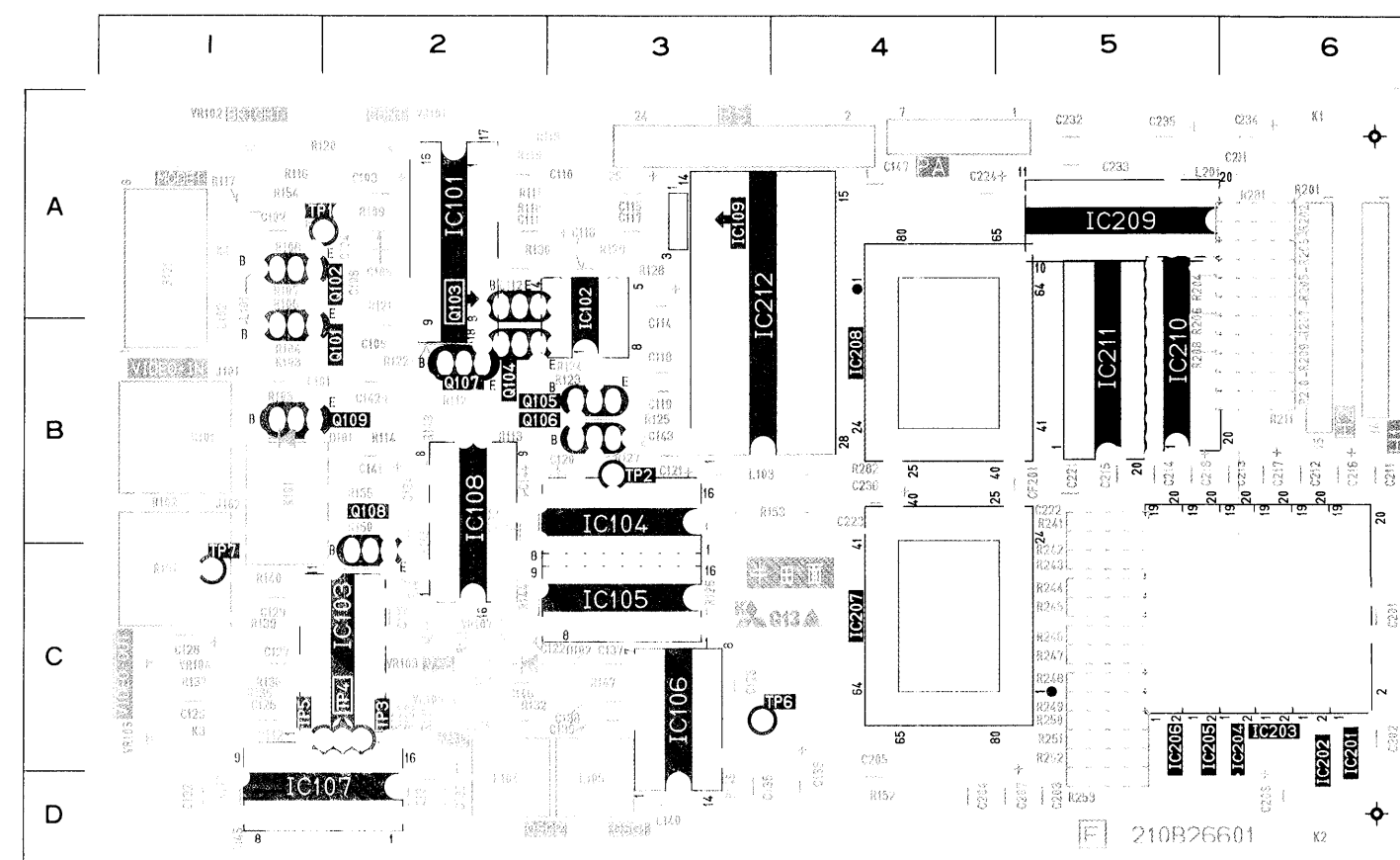


CPU-PCB (PARTS SIDE)

SYMBOL NO.	ADDRESS
D302	B- 6
D303	B- 6
D304	B- 6
D305	B- 6
D306	B- 6
D307	C- 6
D308	C- 6
D309	C- 6
D310	C- 5
IC301	C- 3
IC302	C- 3
IC303	B- 3
IC304	B- 2
IC305	B- 2
IC306	C- 1
IC307	C- 6
IC308	C- 5
IC309	C- 5
IC310	C- 6
IC311	C- 5
IC312	C- 6
IC313	B- 6
IC314	C- 1

SYMBOL NO.	ADDRESS
L325	A- 4
L326	A- 4
L327	A- 4
L328	A- 5
Q301	C- 3
Q302	C- 5
Q303	C- 5
Q304	D- 5
Q306	B- 5
Q307	C- 6
Q308	C- 7
Q309	C- 6
Q310	B- 6
Q311	B- 6
Q312	B- 4
Q313	B- 6
Q314	B- 6
Q315	C- 1
Q316	C- 1

SYMBOL NO.	ADDRESS
TP30	A- 4
TP31	A- 7
TP32	A- 7
VR301	A- 7
VR302	A- 6



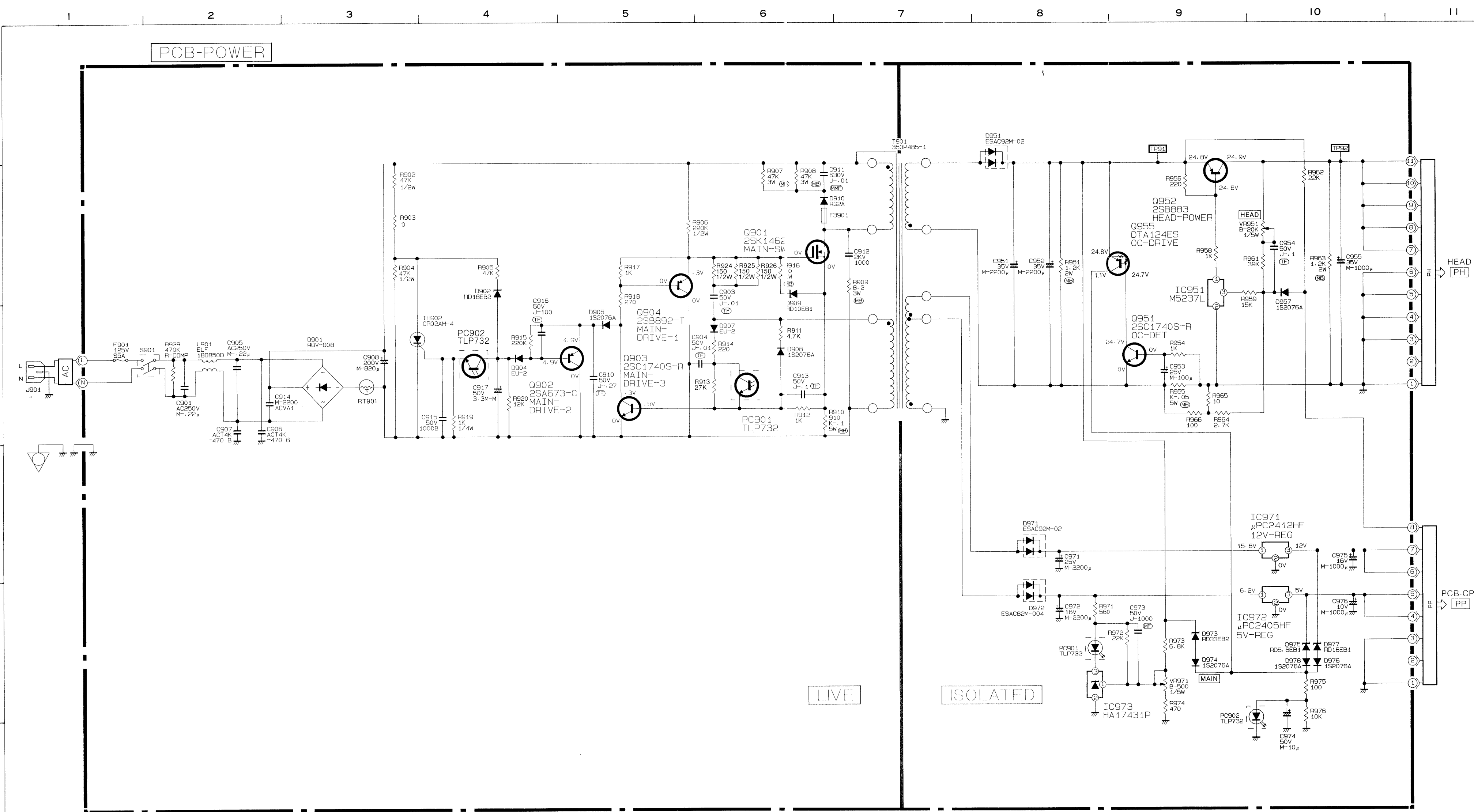
VIDEO-PCB (FOIL SIDE)

SYMBOL NO.	ADDRESS
D101	B- 2
D102	C- 3
IC101	A- 2
IC102	A- 3
IC103	C- 2
IC104	B- 3
IC105	C- 3
IC106	C- 3
IC107	D- 2
IC108	B- 2
IC109	A- 3
IC201	C- 6
IC202	C- 6
IC203	C- 6
IC204	C- 6
IC205	C- 5
IC206	C- 5
IC207	C- 4
IC208	B- 4
IC209	A- 5
IC210	B- 5
IC211	B- 5
IC212	B- 4

SYMBOL NO.	ADDRESS
L101	A- 1
L102	A- 1
L103	B- 4
L104	D- 2
L105	D- 3
L201	A- 5
Q101	B- 2
Q102	A- 2
Q103	A- 2
Q104	B- 2
Q105	B- 3
Q106	B- 3
Q107	B- 2
Q108	B- 2
Q109	B- 2

SYMBOL NO.	ADDRESS
TP1	A- 2
TP2	B- 3
TP3	C- 2
TP4	C- 2
TP5	C- 2
TP6	C- 3
TP7	C- 1
VR101	A- 2
VR102	A- 1
VR103	C- 2
VR104	C- 1
VR105	C- 2
VR106	C- 1
VR107	C- 2

PCB-POWER

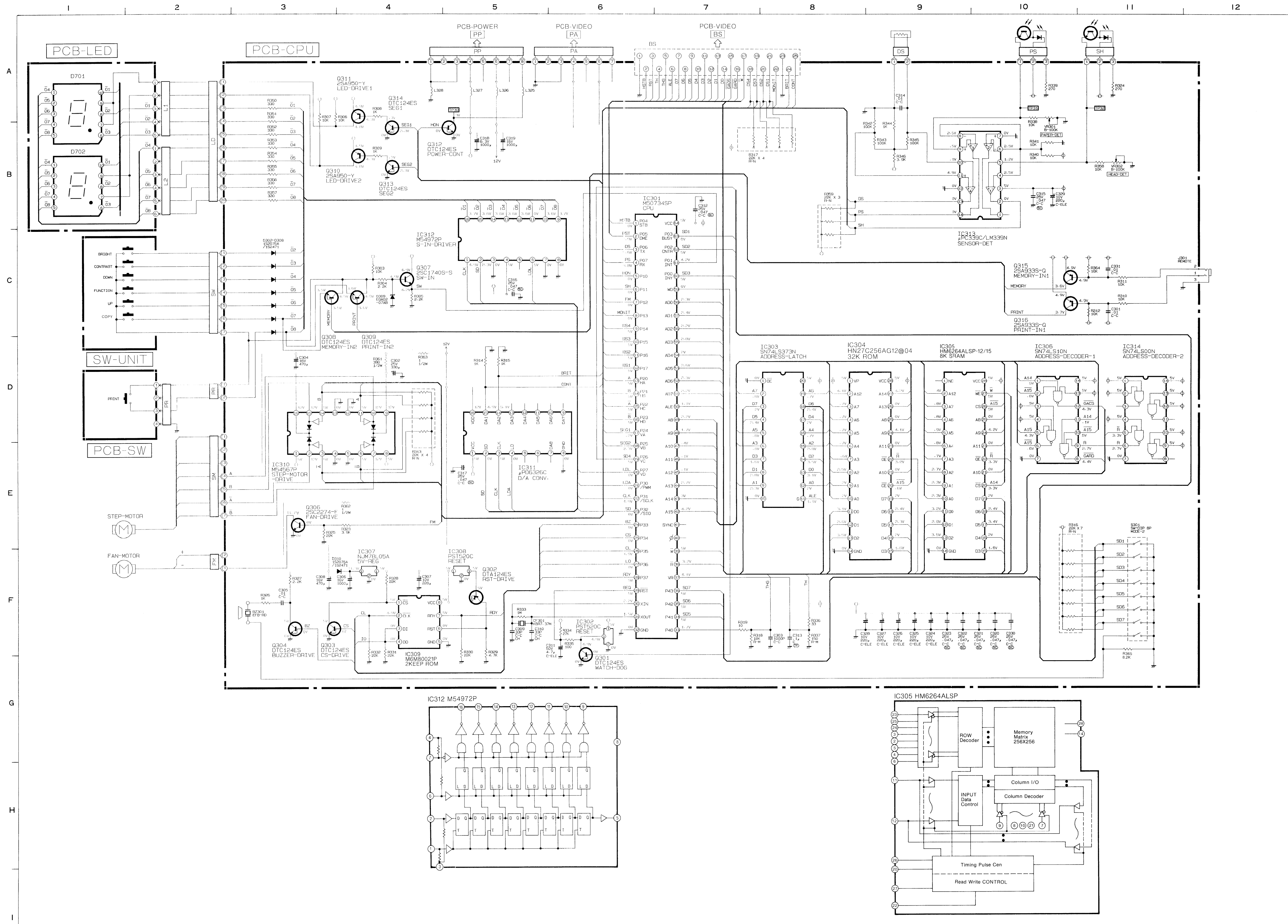


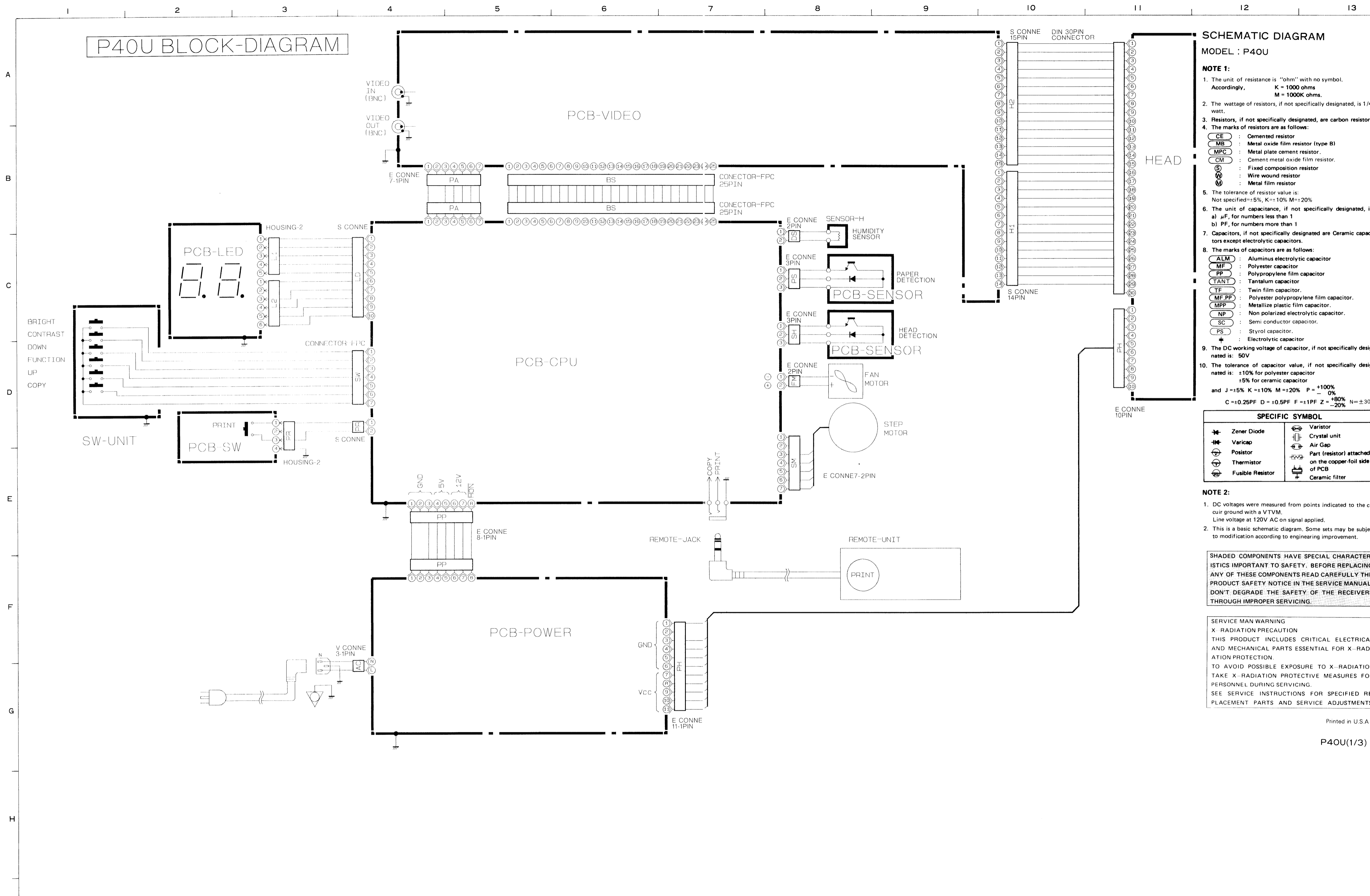
LIVE

ISOLATED

HEAD PH

PCB-CPU PP





P40U BLOCK-DIAGRAM

SCHEMATIC DIAGRAM

MODEL : P40U

- NOTE 1:**
- The unit of resistance is "ohm" with no symbol. Accordingly, K = 1000 ohms, M = 1000K ohms.
 - The wattage of resistors, if not specifically designated, is 1/4 watt.
 - Resistors, if not specifically designated, are carbon resistors.
 - The marks of resistors are as follows:
 - CE : Cemented resistor
 - MB : Metal oxide film resistor (type B)
 - MPC : Metal plate cement resistor.
 - CM : Cement metal oxide film resistor.
 - S : Fixed composition resistor
 - W : Wire wound resistor
 - M : Metal film resistor
 - The tolerance of resistor value is: Not specified = ±5%, K = ±10% M = ±20%
 - The unit of capacitance, if not specifically designated, is: a) μF, for numbers less than 1 b) PF, for numbers more than 1
 - Capacitors, if not specifically designated are Ceramic capacitors except electrolytic capacitors.
 - The marks of capacitors are as follows:
 - ALM : Aluminum electrolytic capacitor
 - MF : Polyester capacitor
 - PP : Polypropylene film capacitor
 - TANT : Tantalum capacitor
 - TF : Twin film capacitor.
 - MP, PP : Polyester polypropylene film capacitor.
 - MPP : Metallize plastic film capacitor.
 - NP : Non polarized electrolytic capacitor.
 - SC : Semi conductor capacitor.
 - PS : Styrol capacitor.
 - *
 - The DC working voltage of capacitor, if not specifically designated is: 50V
 - The tolerance of capacitor value, if not specifically designated is: ±10% for polyester capacitor ±5% for ceramic capacitor and J = ±5% K = ±10% M = ±20% P = +100% - 0% C = ±0.25PF D = ±0.5PF F = ±1PF Z = +80% -20% N = ±30%

SPECIFIC SYMBOL	

- NOTE 2:**
- DC voltages were measured from points indicated to the circuit ground with a VTVM. Line voltage at 120V AC on signal applied.
 - This is a basic schematic diagram. Some sets may be subject to modification according to engineering improvement.

SHADED COMPONENTS HAVE SPECIAL CHARACTERISTICS IMPORTANT TO SAFETY. BEFORE REPLACING ANY OF THESE COMPONENTS READ CAREFULLY THE PRODUCT SAFETY NOTICE IN THE SERVICE MANUAL. DON'T DEGRADE THE SAFETY OF THE RECEIVERS THROUGH IMPROPER SERVICING.

SERVICE MAN WARNING
 X-RADIATION PRECAUTION
 THIS PRODUCT INCLUDES CRITICAL ELECTRICAL AND MECHANICAL PARTS ESSENTIAL FOR X-RADIATION PROTECTION.
 TO AVOID POSSIBLE EXPOSURE TO X-RADIATION TAKE X-RADIATION PROTECTIVE MEASURES FOR PERSONNEL DURING SERVICING.
 SEE SERVICE INSTRUCTIONS FOR SPECIFIED REPLACEMENT PARTS AND SERVICE ADJUSTMENTS.

ISOLATED

F901 AC125V 5A

LIVE

FLCMK-140X

SM-PWR S901

AC

PWB-POWER

210B26901

MAIN VR971 HEAD VR951

PH

PP

TP92

TP91

Q952

IC971

IC912

Q951

Q951

Q955

IC973

IC951

PC901

PC902

Q902

Q904

Q903

Q901

R963

R958

R956

C955

C975

C976

D975

D978

D977

D976

C971

D971

D972

8

16

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+

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C951

C952

C953

R951

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R961

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C1004

C1005

C1006

C1007

C1008

C1009

C1010

C1011

C1012

C1013

C1014

C1015

C1016

C1017

C1018

C1019

C1020

C1021

C1022

C1023

C1024

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