

FROM
MAIN
BOARD

TO
MAIN
BOARD

FROM
MAIN
BOARD

3021

SM584V

WARNING

THIS EQUIPMENT CONTAINS SAFETY CRITICAL COMPONENTS.

ALL PARTS SHOWN THE  MARKS OF THE SCHEMATIC ARE SAFETY CRITICAL. FOR CONTINUED SAFETY REPLACE SAFETY

CRITICAL COMPONENTS ONLY WITH MANUFACTURERS RECOMMENDED

EXACT REPLACEMENTS

NOTE

1. RESISTOR VALUES ARE IN OHMS, K=1000, M=1000000.
2. ALL RESISTORS ARE 1/8W EXCEPT WHERE OTHERWISE INDICATED.
3. ALL CAPACITORS ARE 50V EXCEPT WHERE OTHERWISE INDICATED.
4. CAPACITOR VALUES ARE µF UNLESS OTHERWISE INDICATED.
5. SEPARATE GROUND LEVEL FOR SAFETY OPERATION.

() IS PRIMARY POWER / () IS SECONDARY SIGNAL GROUND.

REMARKS

(THE SPECIFIC LOCATION-NUMBER'S ORDER)

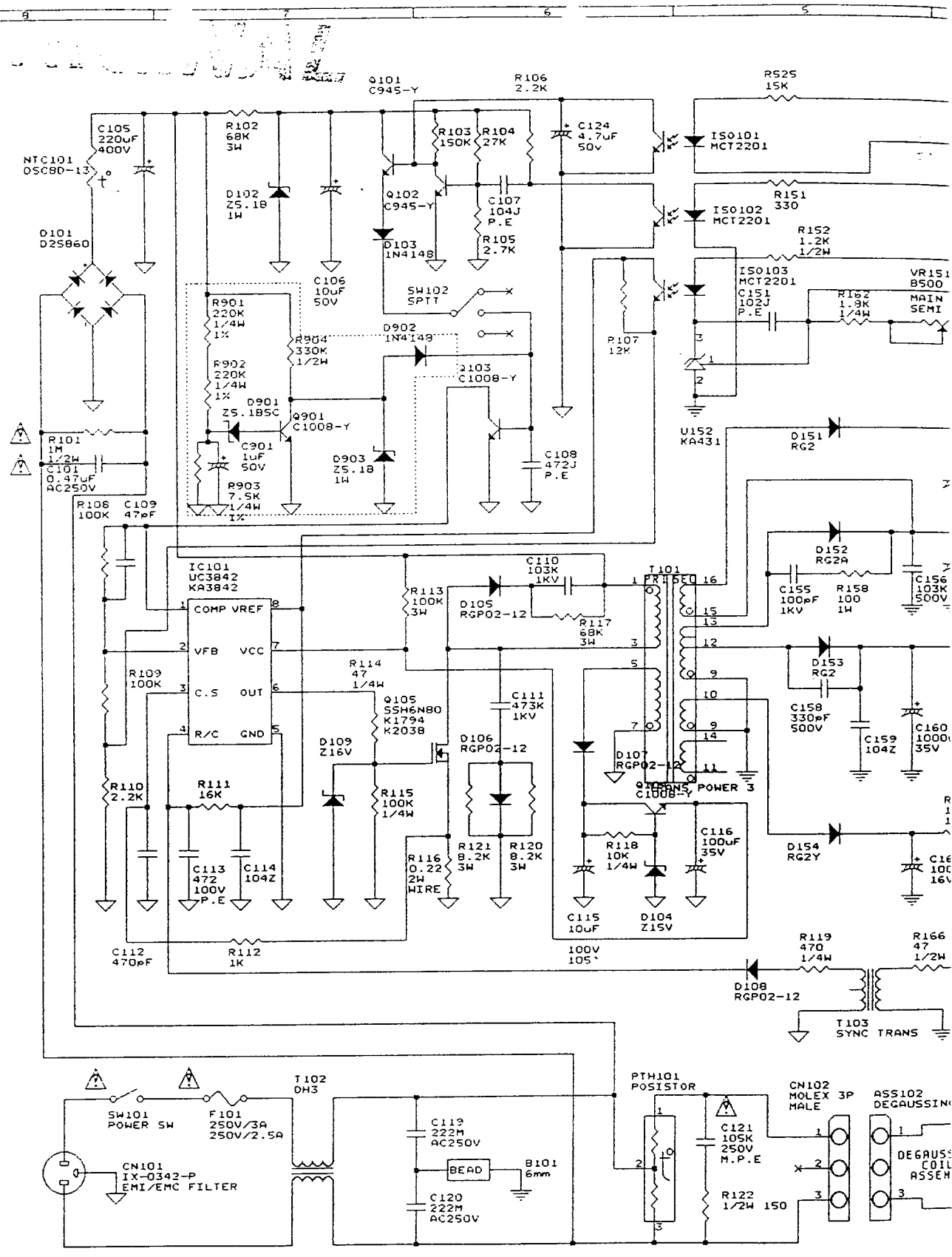
- * 100 - 149 : PRIMARY POWER CIRCUIT
- * 150 - 199 : SECONDARY POWER CIRCUIT
- * 200 - 299 : HORIZONTAL CIRCUIT
- * 300 - 399 : VERTICAL CIRCUIT
- * 400 - 499 : VIDEO CIRCUIT
- * 500 - 599 : MODE SELECT CIRCUIT
- * 600 - 699 : RESERVED
- * 700 - 799 : RESERVED
- * 800 - 899 : RESERVED
- * 900 - 999 : CIRCUIT FOR DOMESTIC PRODUCTS

- * P.E. : POLYESTER FILM CAPACITOR
- * P.P. : POLYPROPYLENE FILM CAPACITOR
- * M.P.E. : METALLIZED POLYPROPYLENE FILM CAPACITOR
- * P.P. : METALLIZED POLYPROPYLENE FILM CAPACITOR

- * C : CAPACITOR
- * D : DIODE
- * Y : THERMISTOR
- * R : RESISTOR


- * T : TRANSFORMER
- * U : IC
- * Y : CRYSTAL OSCILLATOR
- * CN : CONNECTOR

- * ASE : ASSY
- * ISO : PHOTO ISOLATOR
- * PTH : POSITIVE THERMISTOR
- * NTH : NEGATIVE THERMISTOR





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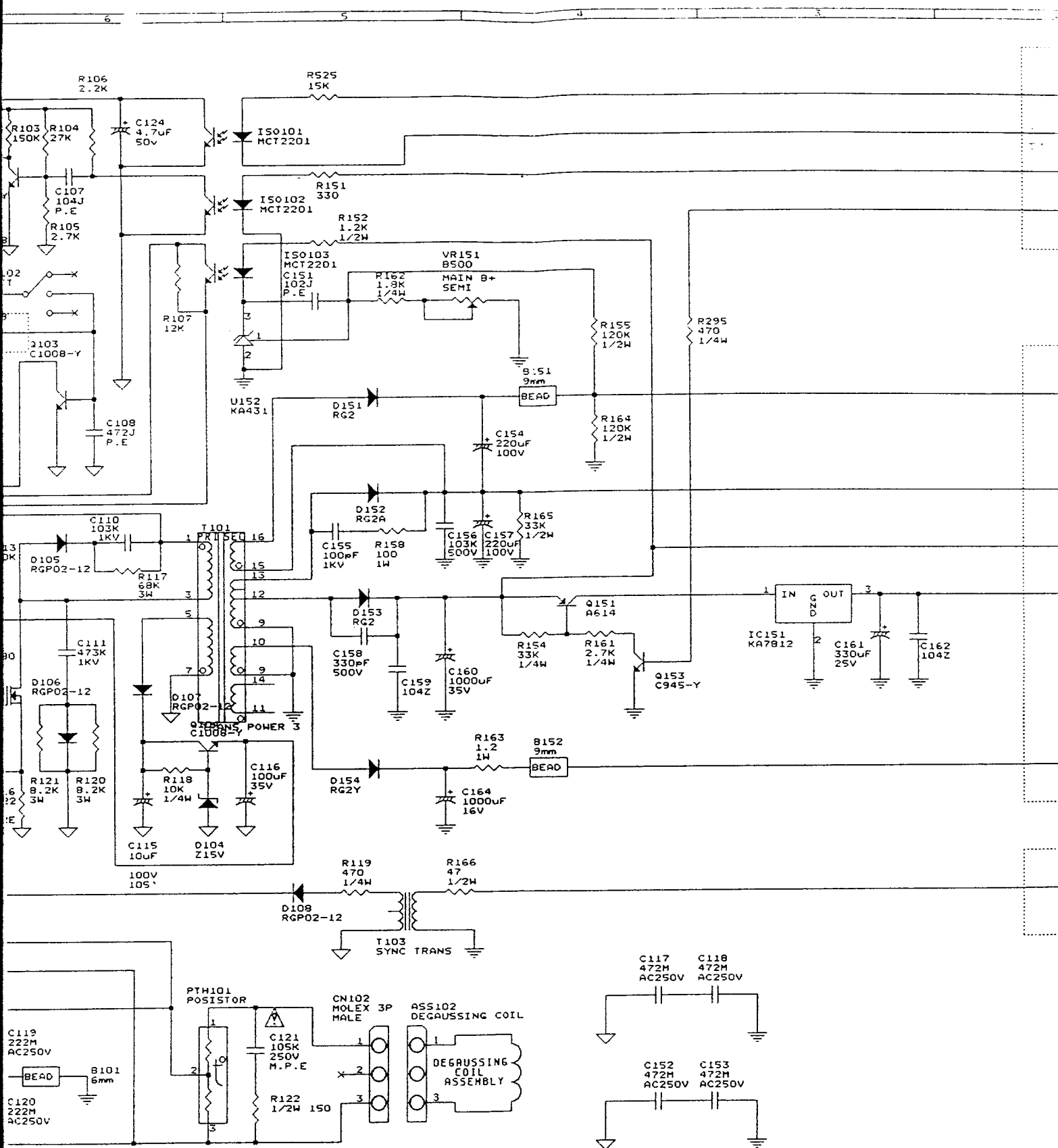
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- C : CAPACITOR
- D : DIODE
- Q : TRANSISTOR
- R : RESISTOR

- T : TRANSFORMER
- U : IC
- Y : CRYSTAL OSCILLATOR
- CN : CONNECTOR



NOTE

1. RESISTOR VALUES ARE IN OHMS. K=1000, M=1000000.
2. ALL RESISTORS ARE 1/8W EXCEPT WHERE OTHERWISE INDEICATED.
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• C : CAPACITOR
• D : DIODE
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• R : RESISTOR

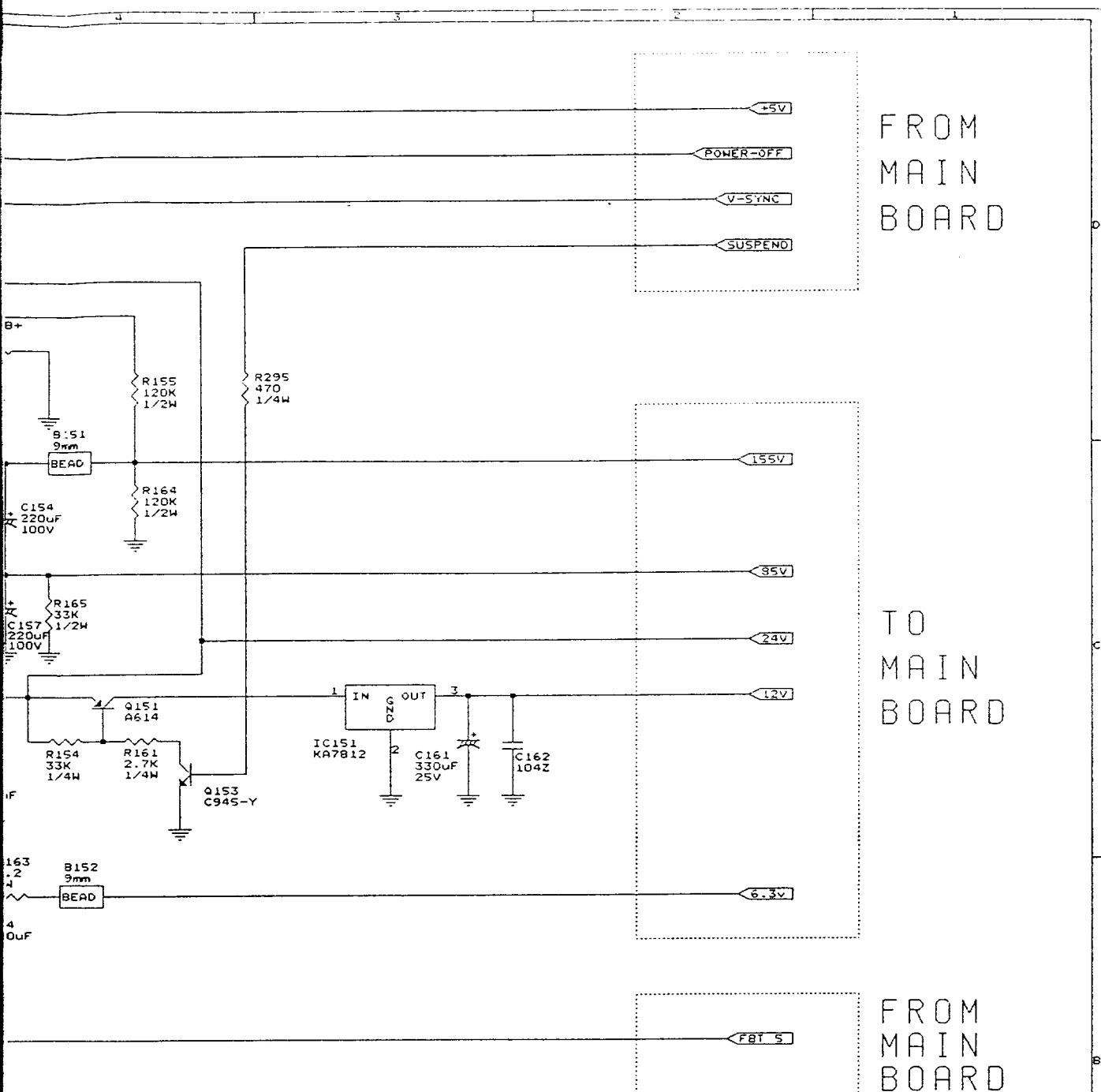
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REMARKS

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3021

SMS84V

| REMARKS | |
|--|--|
| <p>O. INDECATED.</p> <p>INDECATED.</p> <p>CATED.</p> <p>SIGNAL GROUND.</p> <p>• ASS : ASS'Y</p> <p>• ISO : OPTO ISOLATOR</p> <p>• PTH : POSITIVE THERMISTOR</p> <p>• NTH : NEGATIVE THERMISTOR</p> | <p>< THE SPECIFIC LOCATION-NUMBER'S ORDER ></p> <p>• 100 - 149 : PRIMARY POWER CIRCUIT</p> <p>• 150 - 199 : SECONDARY POWER CIRCUIT</p> <p>• 200 - 299 : HORIZONTAL CIRCUIT</p> <p>• 300 - 399 : VERTICAL CIRCUIT</p> <p>• 400 - 499 : VIDEO CIRCUIT</p> <p>• 500 - 599 : MODE SELECT CIRCUIT</p> <p>• 600 - 699 : RESERVED</p> <p>• 700 - 799 : RESERVED</p> <p>• 800 - 899 : RESERVED</p> <p>• 900 - 999 : CIRCUIT FOR DOMESTIC PRODUCTS</p> |
| | |

SCHEMATIC DIAGRAM

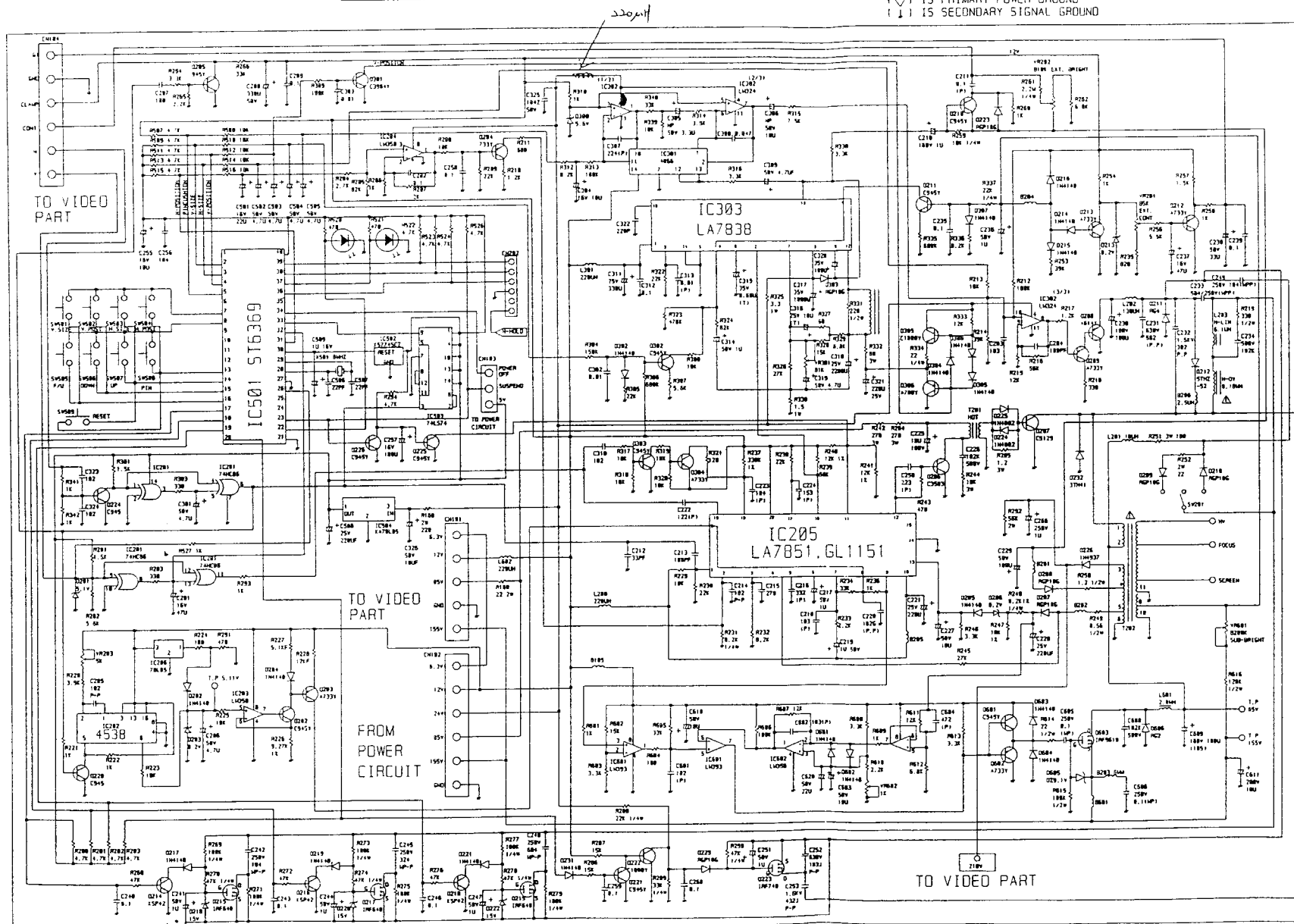
MODEL NO : SM584

DATE : 1995. 12. 2

WARNING : THIS EQUIPMENT CONTAINS SAFETY CRITICAL COMPONENTS. ALL PARTS SHOWN THE Δ MARKS OF THE SCHEMATIC ARE SAFETY CRITICAL. FOR CONTINUED SAFETY REPLACE SAFETY CRITICAL COMPONENTS ONLY WITH MANUFACTURER'S RECOMMENDED EXACT REPLACEMENTS.

-NOTE-

1. RESISTOR VALUES ARE IN (OHM) K-1000 M-1000000
2. ALL RESISTOR ARE 1/8W EXCEPT WHERE OTHERWISE INDICATED
3. ALL CAPACITOR ARE 50V EXCEPT WHERE OTHERWISE INDICATED
4. CAPACITOR VALUES ARE UF UNLESS OTHERWISE INDICATED
UF = 10⁻⁶F
5. SEPARATE GROUND LEVEL FOR SAFETY OPERATION
▽ IS PRIMARY POWER GROUND
▽ IS SECONDARY SIGNAL GROUND



M36KUN35X25
(NORMAL SEMCO)

C231 602J PP 530V
C253 432J PP 1.6KV
C252 103J PP 630V
R331 1/2W 220J

M36BL7803X 02
(NORMAL)

C231 602J PP 630V
C253 472J PP 1.6KV
C252 103J PP 630V
R331 1/2W 270J

M36BL8003X 01
(MPR II)

C231 752J PP 630V
C253 472J PP 1.6KV
C252 153J PP 630V
R331 1/2W 270J

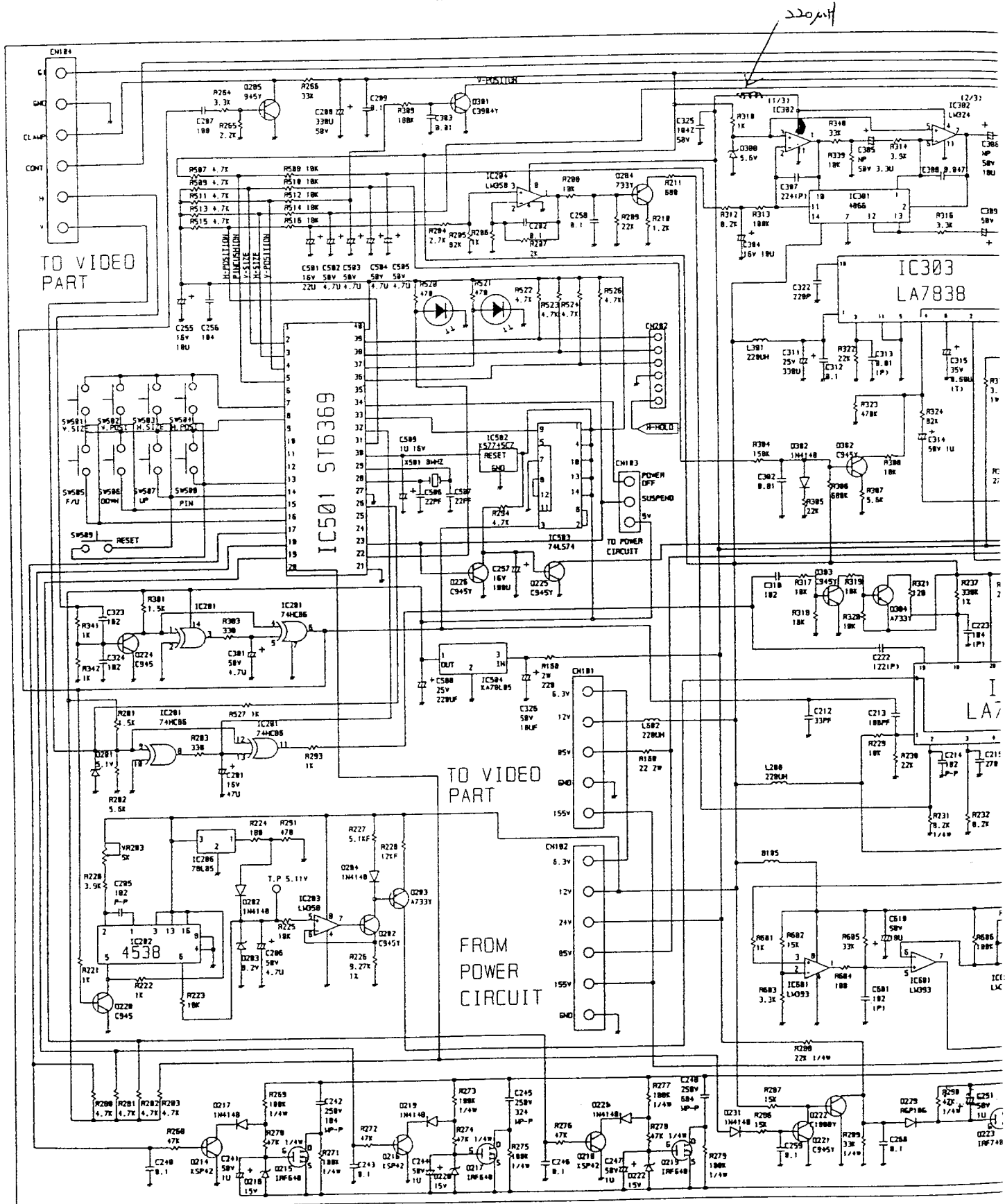
SM584V

SCHEMATIC DIAGRAM

MODEL NO : SM584

DATE : 1995 . 12 . 2

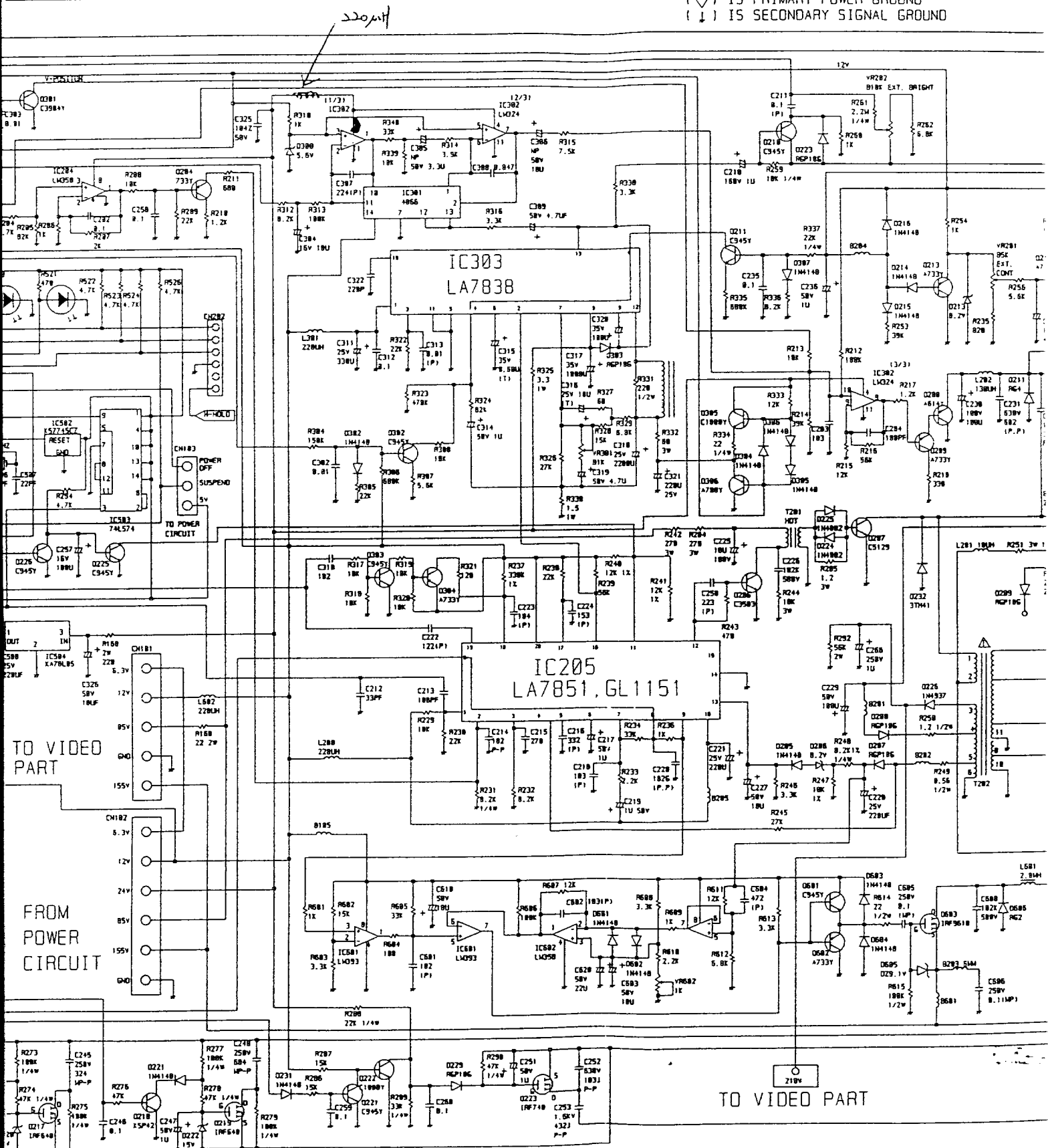
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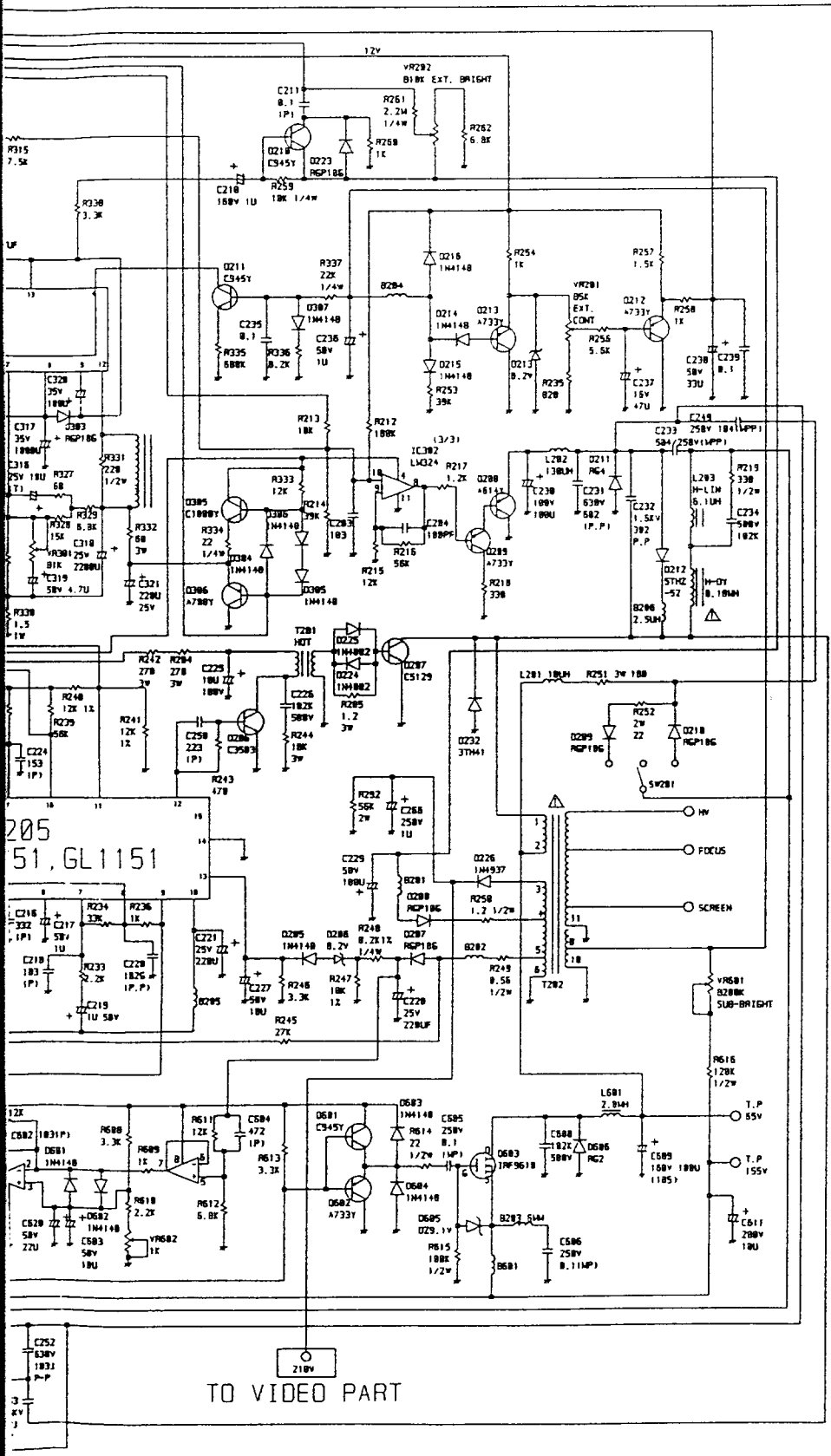
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(▽) IS PRIMARY POWER GROUND
(↓) IS SECONDARY SIGNAL GROUND

SM584U



M36KUN35X25
(NORMAL SEMCO)

C231 602J PP 630V
C253 432J PP 1.6KV
C252 103J PP 630V
R331 1/2W 220J

M36L8L703X 02
(NORMAL)

C231 682J PP 630V
C253 472J PP 1.6KV
C252 103J PP 630V
R331 1/2W 270J

M36L8L803X 01
(MPR II)

C231 752J PP 630V
C253 472J PP 1.6KV
C252 153J PP 630V
R331 1/2W 270J

SM584V