SCHEMATIC DIAGRAM MODEL : 38D9UXE / 38D9UXA (1/5)
38D9UXH / 38D9UXR
38D9UXM

CAUTION: The international hazard symbols "⚠" in the schematic diagram and the parts list designate components which have special characteristics important for safety and should be replaced only with types identical to those in the original circuit or specified in the parts list. The mounting position of replacements is to be identical with originals. Before replacing any of these components, read carefully the PRODUCT SAFETY NOTICE on page 3. Do not degrade the safety of the receiver through improper servicing.

OBSERVATION OF VOLTAGES AND WAVEFORMS

1. Voltages read with VTVM from point shown to chassis ground, line voltage 220 volts, colour bar signal. Voltages reading may vary ±20%.
2. All waveforms are taken using a wide band oscilloscope and a low capacity probe.
3. Waveforms are taken using a standard colour bar signal.
4. Make sure that CONTRAST and COLOUR controls are in mid position and BRIGHTNESS control is almost in maximum position. Set other controls for best picture.

NOTES:

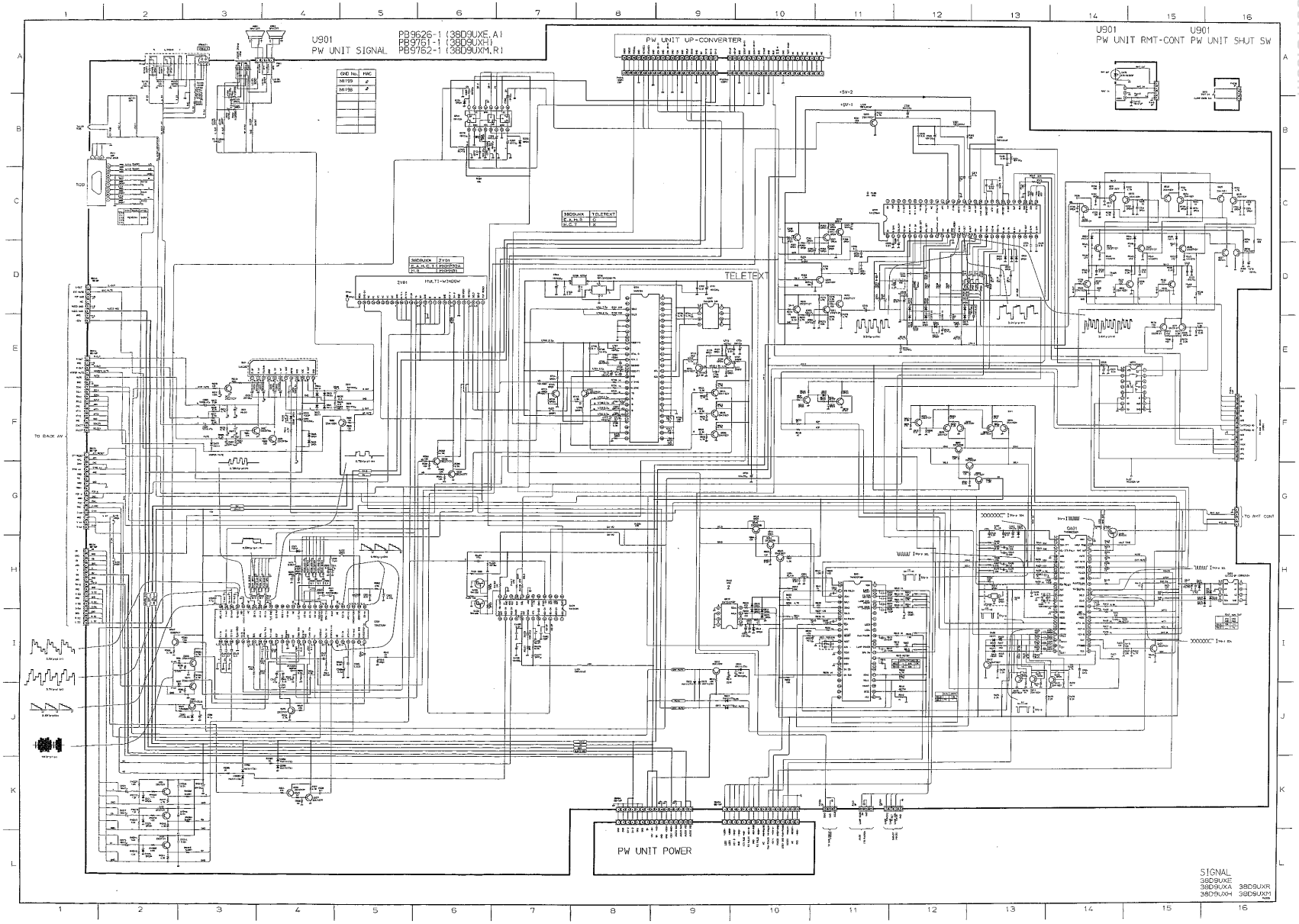
1. D.C. resistance value of a principal transformer is shown in this schematic diagram. These are measured for separated from the circuit.
2. The circuits are subject to change without notice.
3. ● : Solder links.

EXPRESSION

VALUE OF RESISTOR, CAPACITOR and INDUCTOR

1. Resistance is shown in ohm, k=1,000, M=1,000,000
2. Unless other wise noted in schematic, all capacitor values less than 1 are expressed in μF and the values more than 1 in pF.
3. Unless otherwise noted in schematic, all inductor values more than 1 are expressed in μH, and the values less than 1 in H.

40200005



www.DataSheet4U.com

SCHEMATIC DIAGRAM MODEL : 38D9UXE / 38D9UXA (1/5)
38D9UXH / 38D9UXR
38D9UXM

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OBSERVATION OF VOLTAGES AND WAVEFORM

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3. Waveforms are taken using a standard colour b
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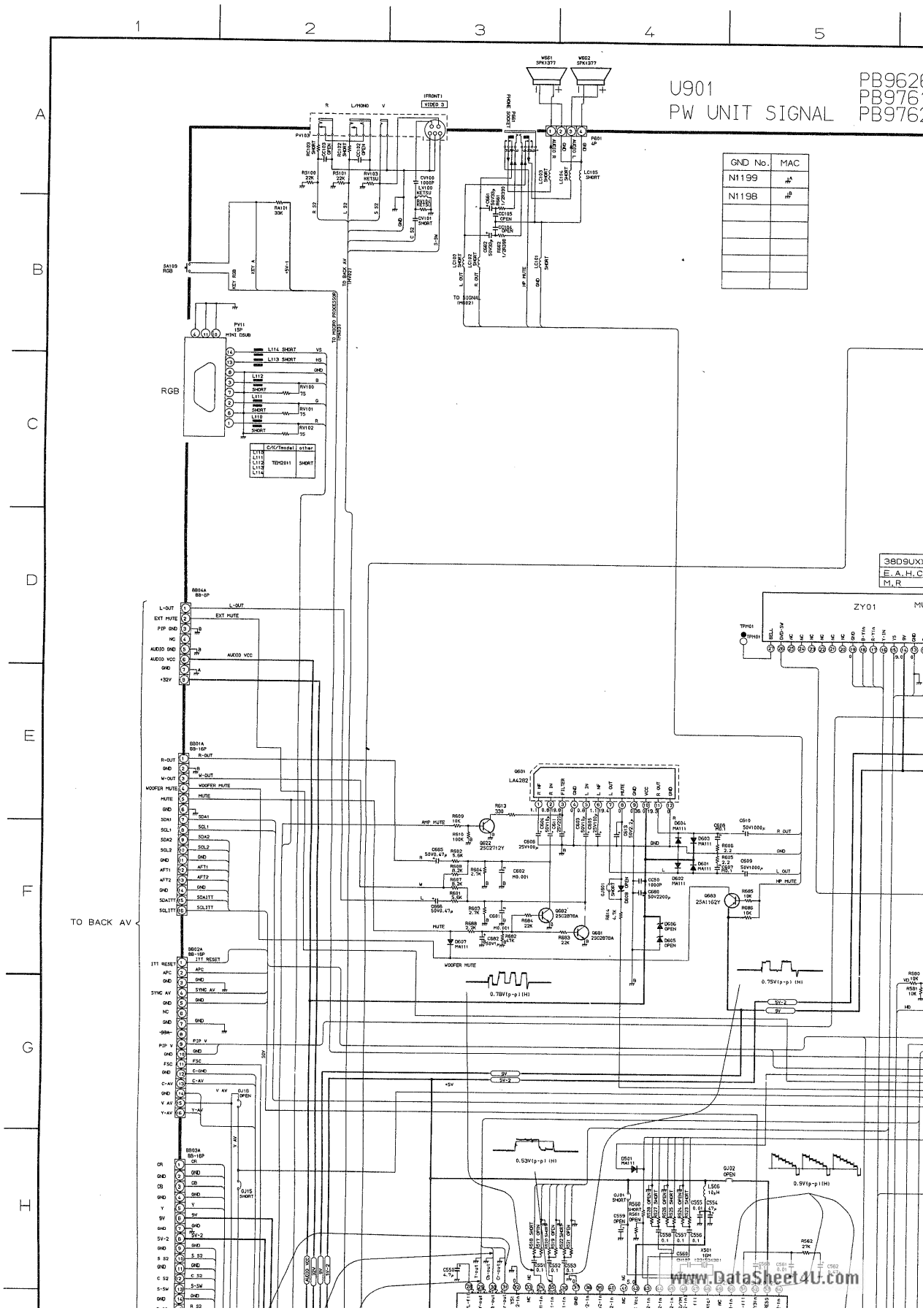

GES AND WAVEFORMS

M from point shown to chassis ground, line voltage 220
Voltages reading may vary ±20%.
using a wide band oscilloscope and a low capacity probe.
ng a standard colour bar signal.
AST and COLOUR controls are in mid position and
almost in maximum position. Set other controls for best

NOTES:

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2. The circuits are subject to change without notice.
3. ● : Solder links.

5 6 7 8 9 10 11

PB9626-1 (38D9UXE,A)
PB9761-1 (38D9UXH)
GNAL PB9762-1 (38D9UXM,R)

PW UNIT UP-CONVERTER

38D9UX*	TELETEXT
E,A,M,R	O
H,C,T	X

38D9UX*	ZY01
E,A,H,C,T	MKMP32A
M,R	MKMM31

ZY01 MULTI-WINDOW

TELETEXT

EXPRESSION

chematic dia-

VALUE OF RESISTOR, CAPACITOR and INDUCTOR

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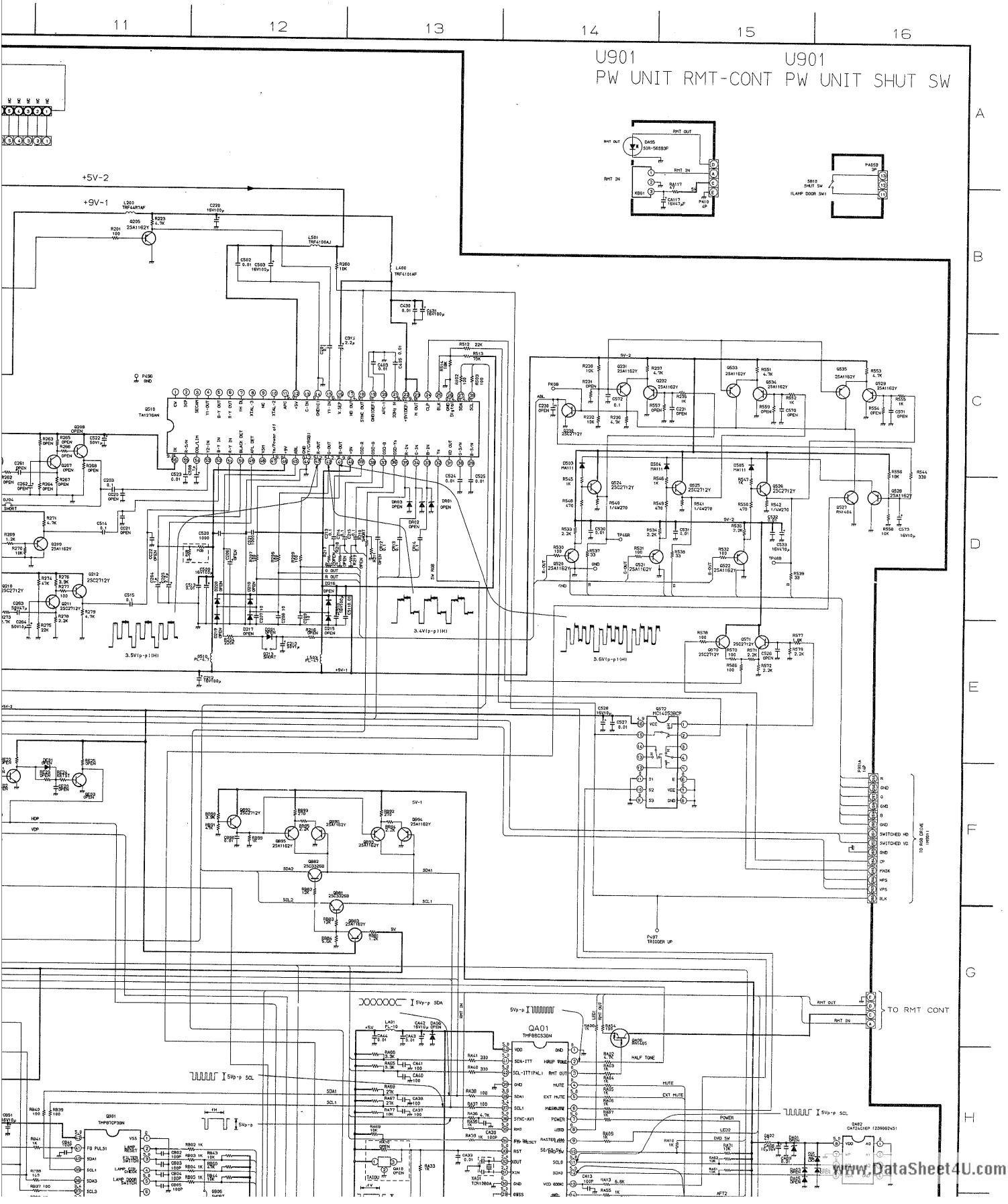


38D9UX*	ZY01
E,A,H,C,T	MKMP32A
M,R	MKMM31

ZY01 MULTI-WINDOW

TO BACK AV

38D9UX※	TELETEXT
E,A,M,R	O
H,C,T	X

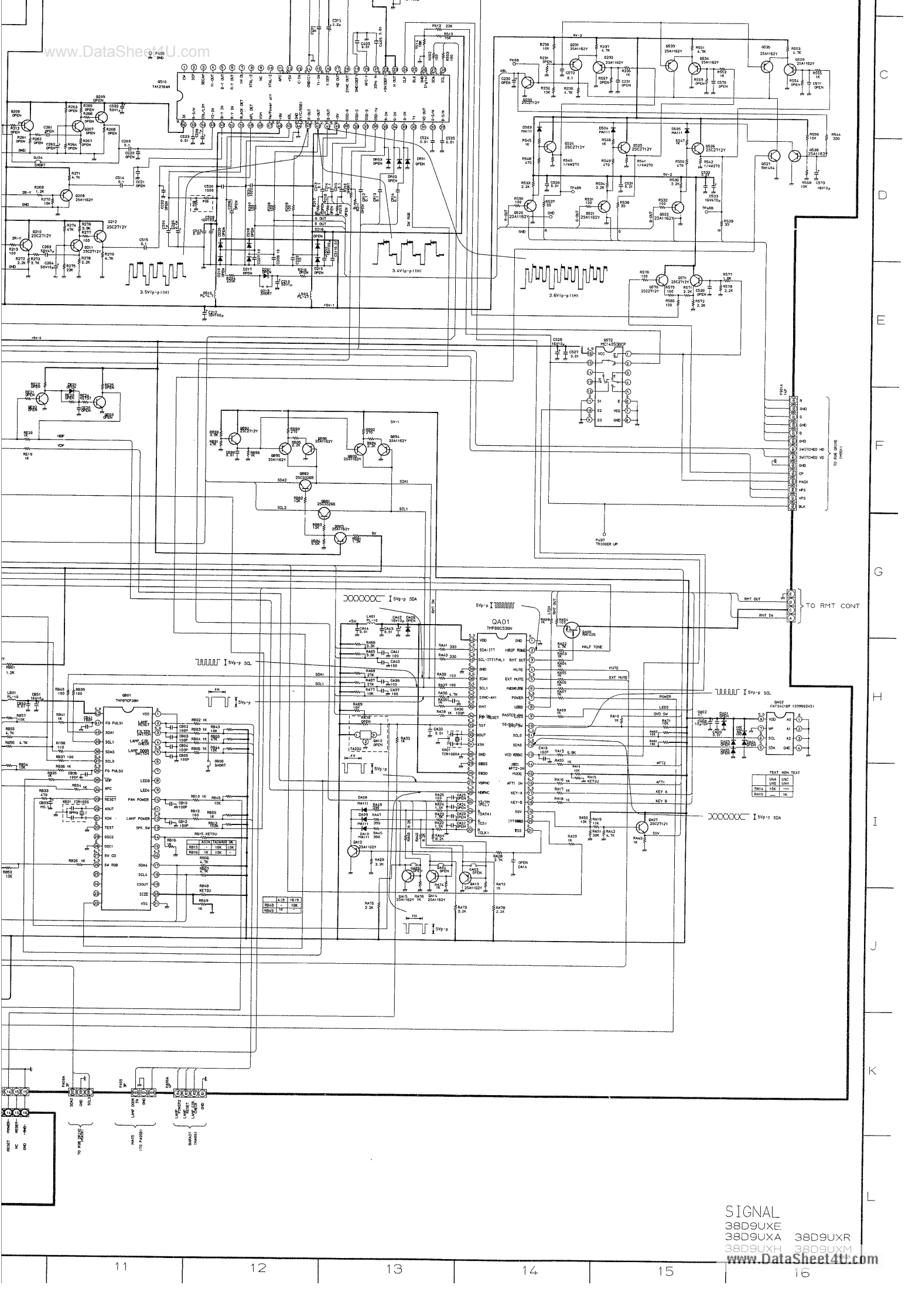
38D9UX※	ZY01
E,A,H,C,T	MKMP32A
M,R	MKMM31

ZY01 MULTI-WINDOW

TELETEXT

PW UNIT POWER

5 | 6 | 7 | 8 | 9 | 10 | 11


www.DataSheet4U.com
SIGNAL
38D9UXE
38D9UXA 38D9UXR
38D9UXH 38D9UXM
www.DataSheet4U.com

SCHEMATIC DIAGRAM **MODEL : 38D9UXE / 38D9UXA (2/5)**
38D9UXH / 38D9UXR
38D9UXM

CAUTION: The international hazard symbols "⚠" in the schematic diagram and the parts list designate components which have special characteristics important for safety and should be replaced only with types identical to those in the original circuit or specified in the parts list. The mounting position of replacements is to be identical with originals. Before replacing any of these components, read carefully the PRODUCT SAFETY NOTICE on page 3. Do not degrade the safety of the receiver through improper servicing.

OBSERVATION OF VOLTAGES AND WAVEFORMS
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2. All waveforms are taken using a wide band oscilloscope and a low capacity probe.
3. Waveforms are taken using a standard colour bar signal.
4. Make sure that CONTRAST and COLOUR controls are in mid position and BRIGHTNESS control is almost in maximum position. Set other controls for best picture.

NOTES:
1. D.C. resistance value of a principal transformer is shown in this schematic diagram. These are measured for separated from the circuit.
2. The circuits are subject to change without notice.
3. ⏚ : Solder links.

EXPRESSION

VALUE OF RESISTOR, CAPACITOR and INDUCTOR
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3. Unless otherwise noted in schematic, all inductor values more than 1 are expressed in μH, and the values less than 1 in H.

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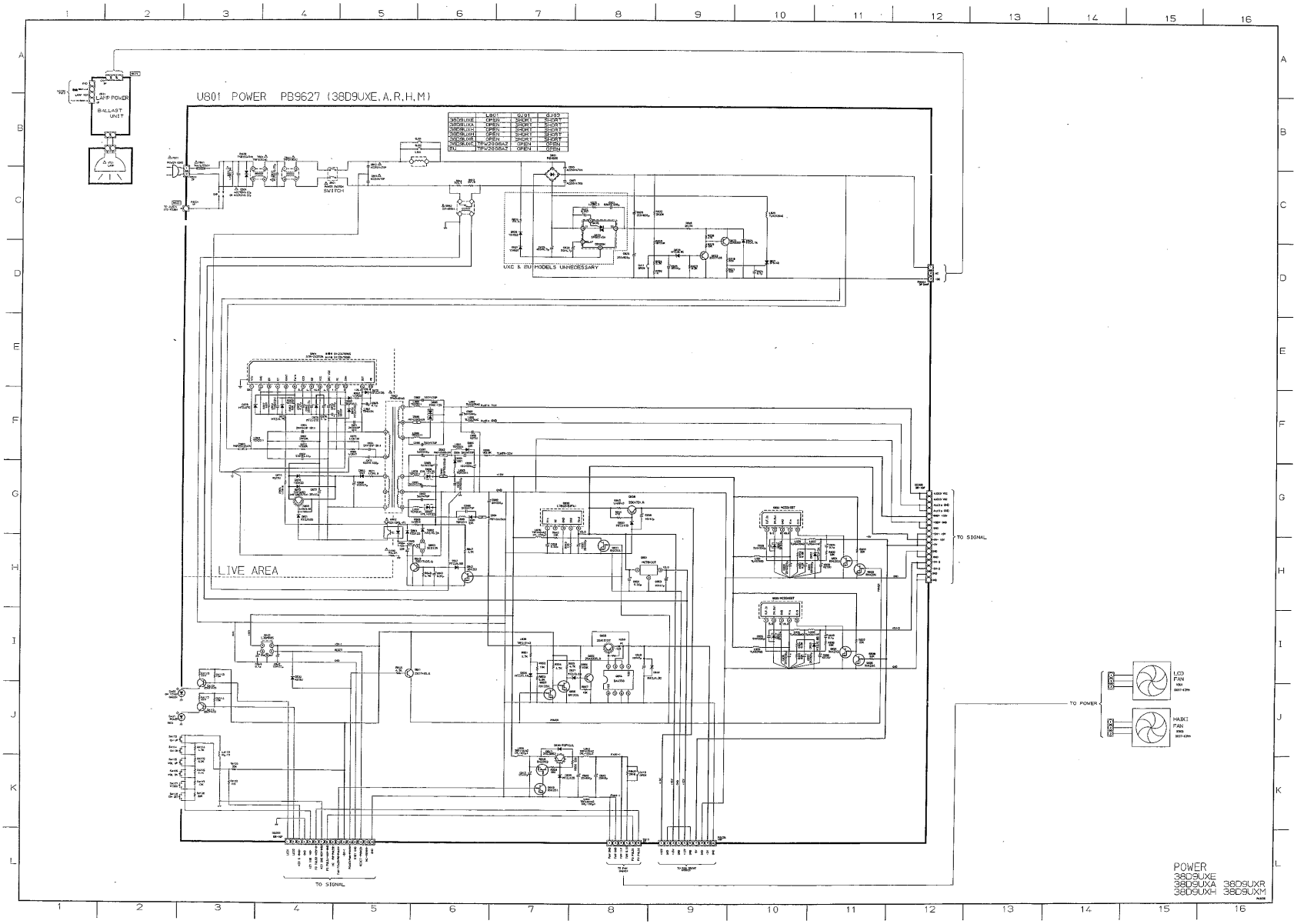

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SCHEMATIC DIAGRAM MODEL : 38D9UXE / 38D9UXA (2/5)
38D9UXH / 38D9UXR
38D9UXM

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OBSERVATION OF VOLTAGES AND WAVEFORM

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3. Waveforms are taken using a standard colour
4. Make sure that CONTRAST and COLOUR c BRIGHTNESS control is almost in maximum p picture.

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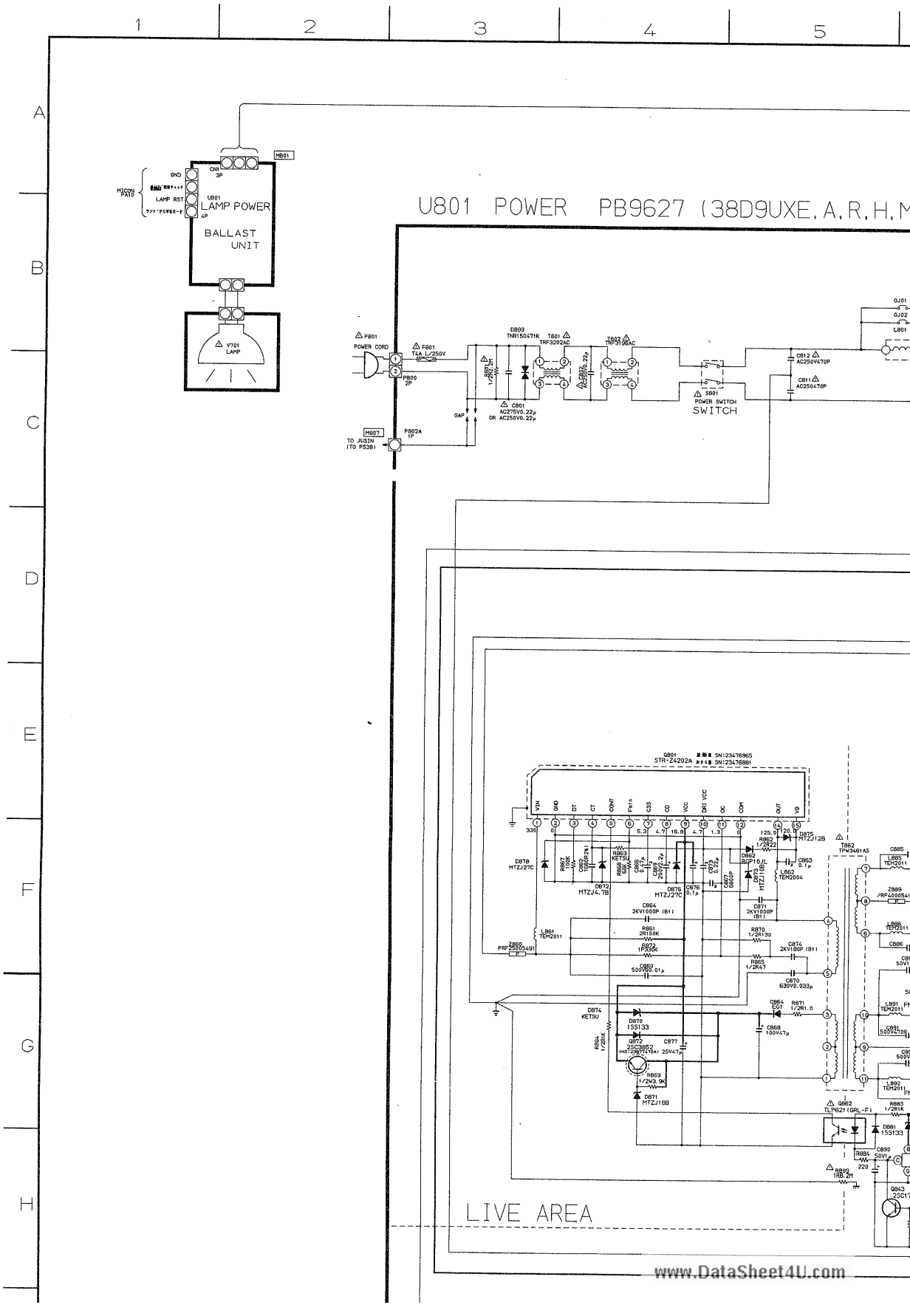

S AND WAVEFORMS

'om point shown to chassis ground, line voltage 220
ltages reading may vary ±20%.
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3. ⬬ : Solder links.

EX

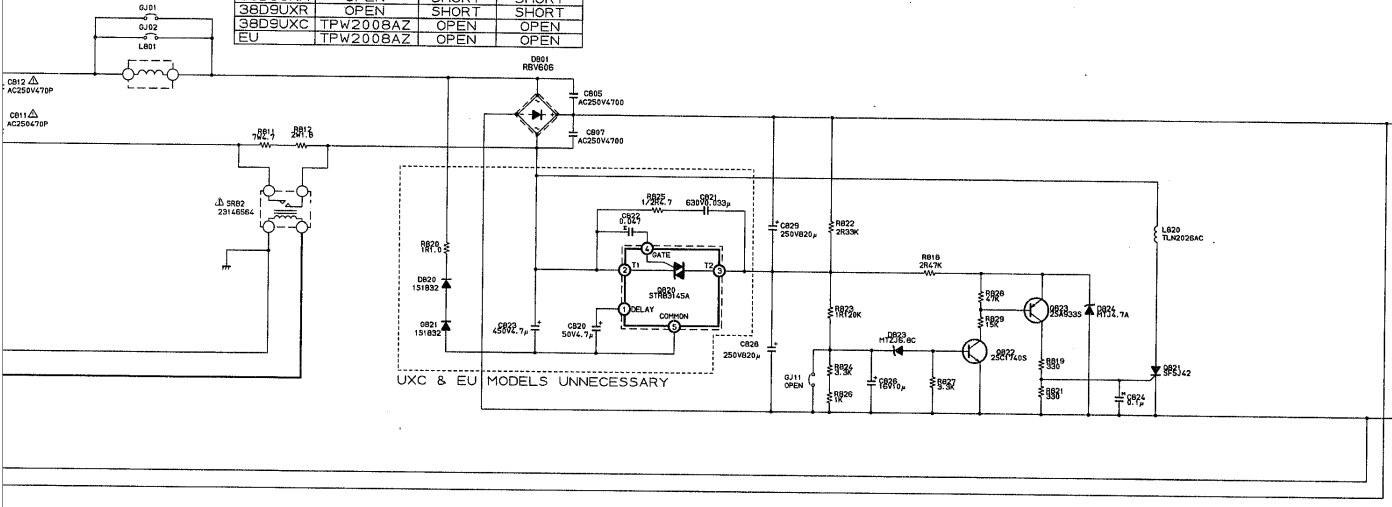
VAL

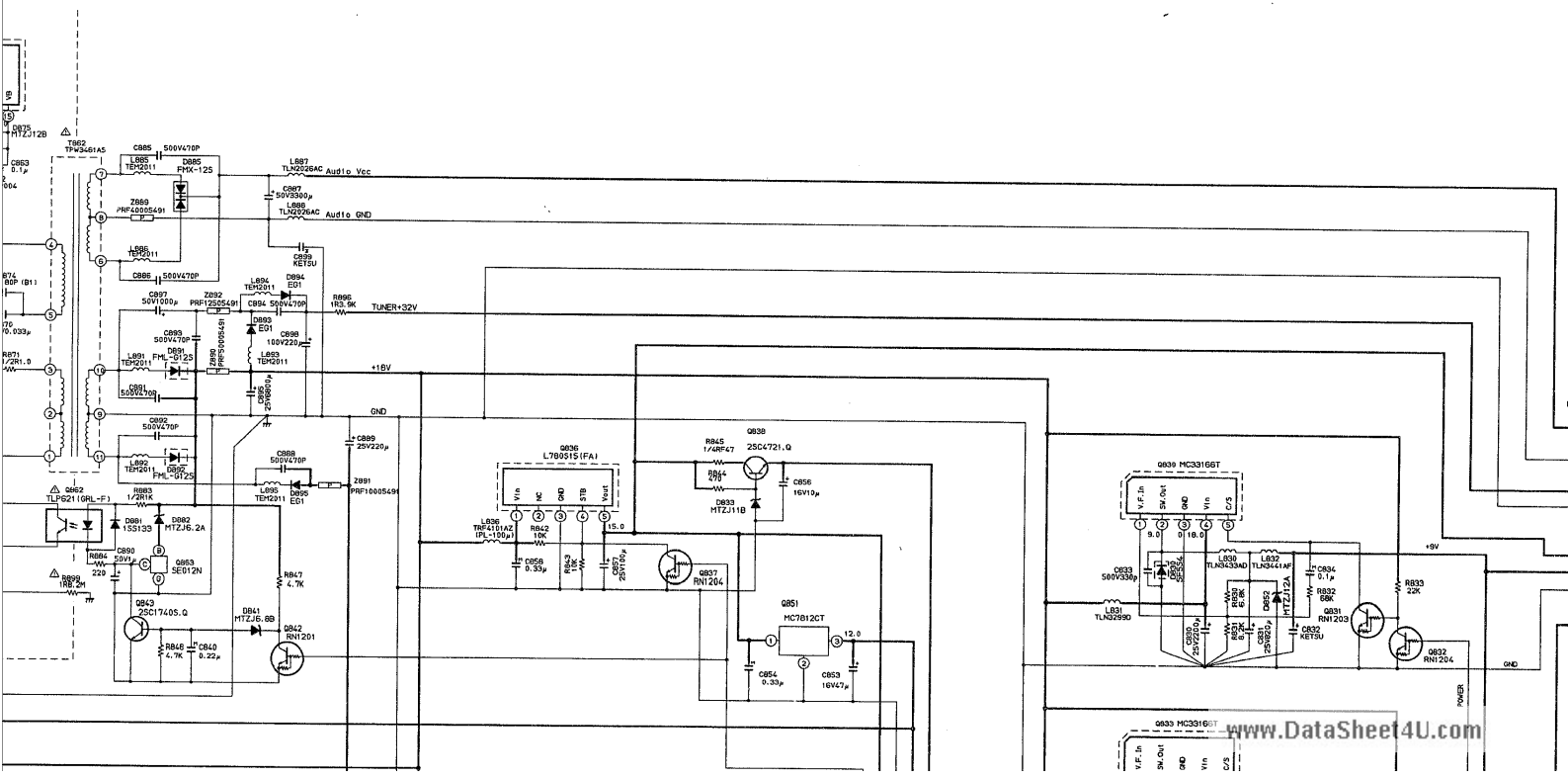
1. R
2. U
   se
3. U
   se

5 6 7 8 9 10 11

(E, A, R, H, M)

	L801	GJ01	GJ02
38D9UXE	OPEN	SHORT	SHORT
38D9UXA	OPEN	SHORT	SHORT
38D9UXH	OPEN	SHORT	SHORT
38D9UXM	OPEN	SHORT	SHORT
38D9UXR	OPEN	SHORT	SHORT
38D9UXC	TPW2008AZ	OPEN	OPEN
EU	TPW2008AZ	OPEN	OPEN





EXPRESSION

is schematic dia-

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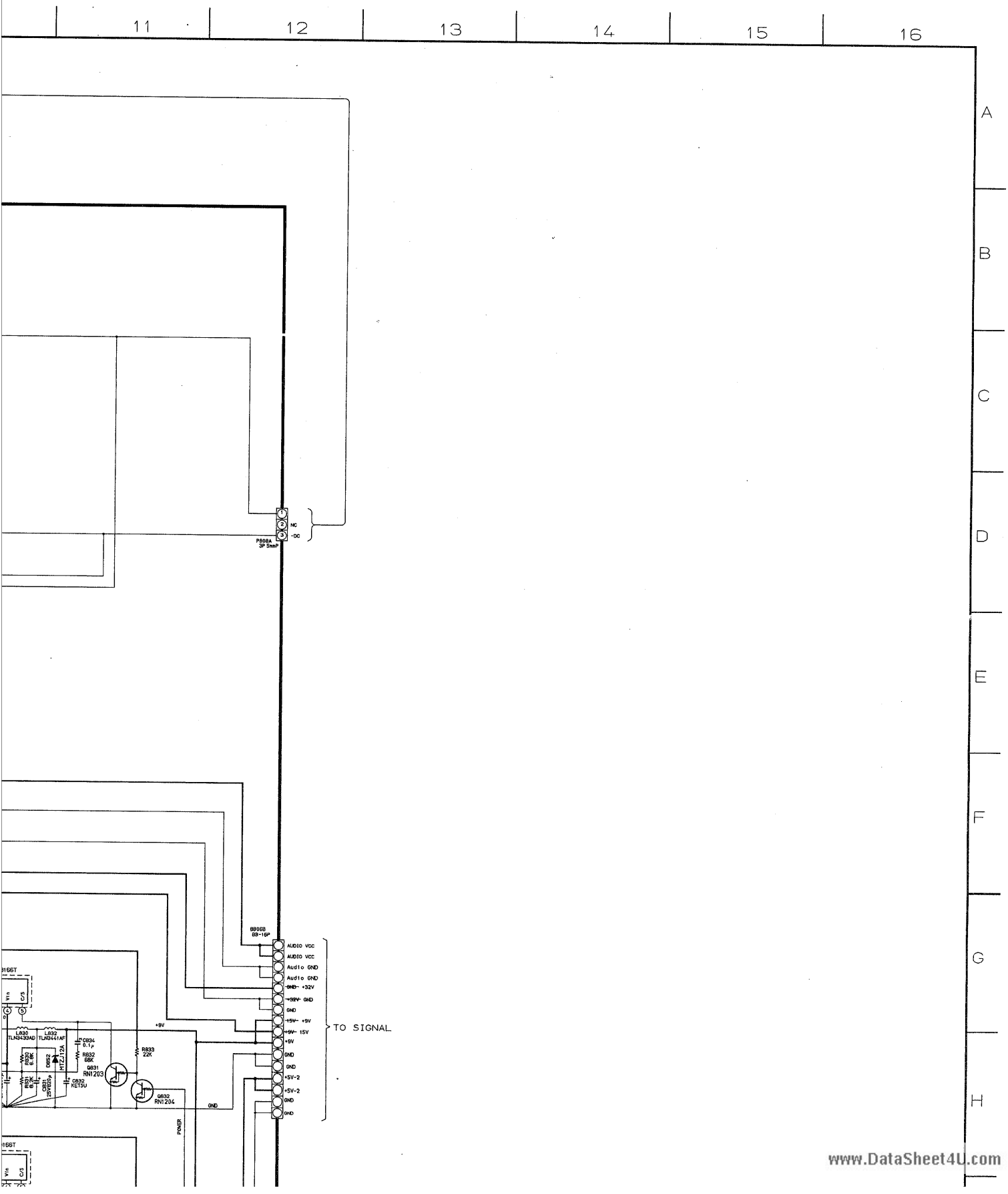

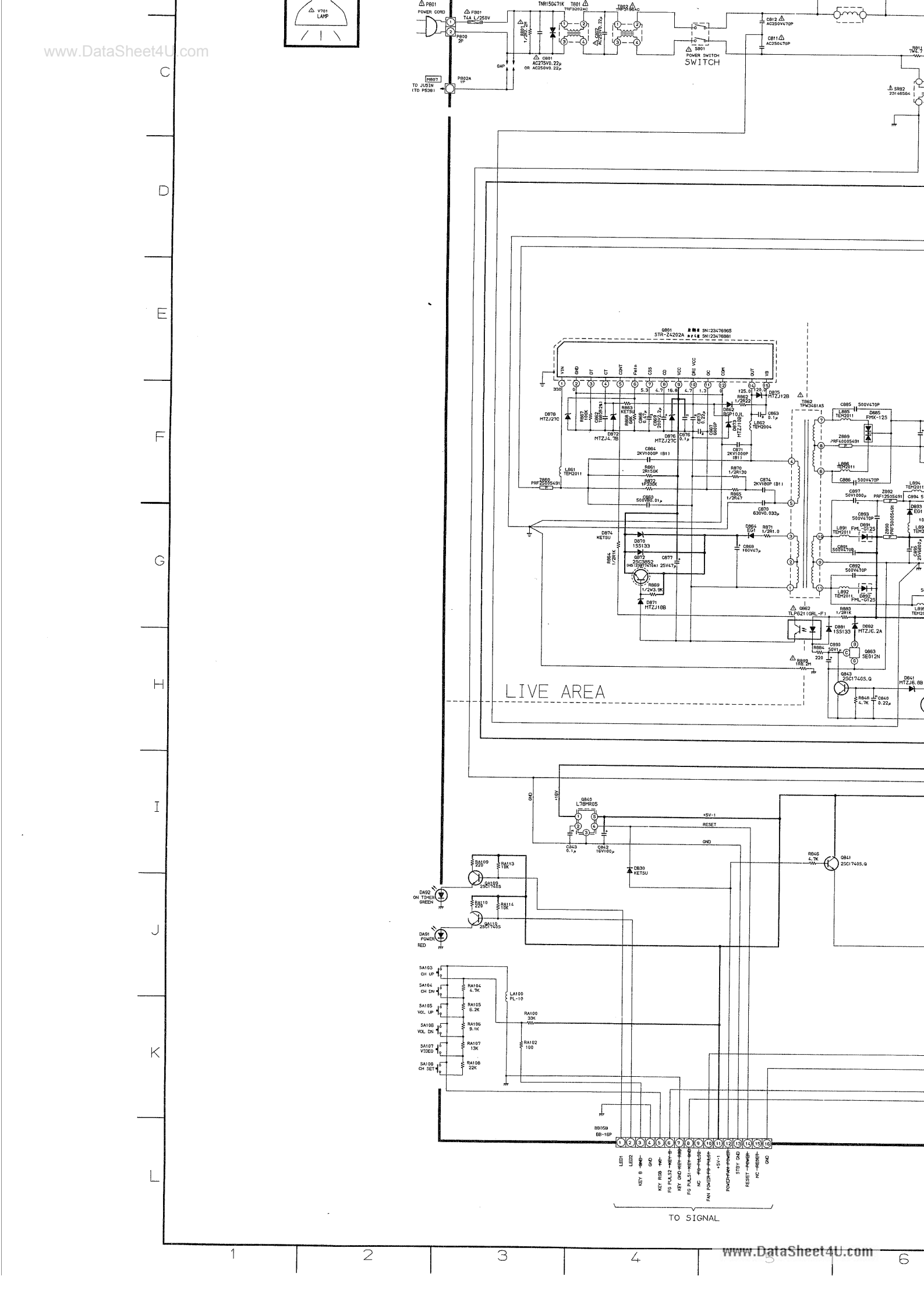

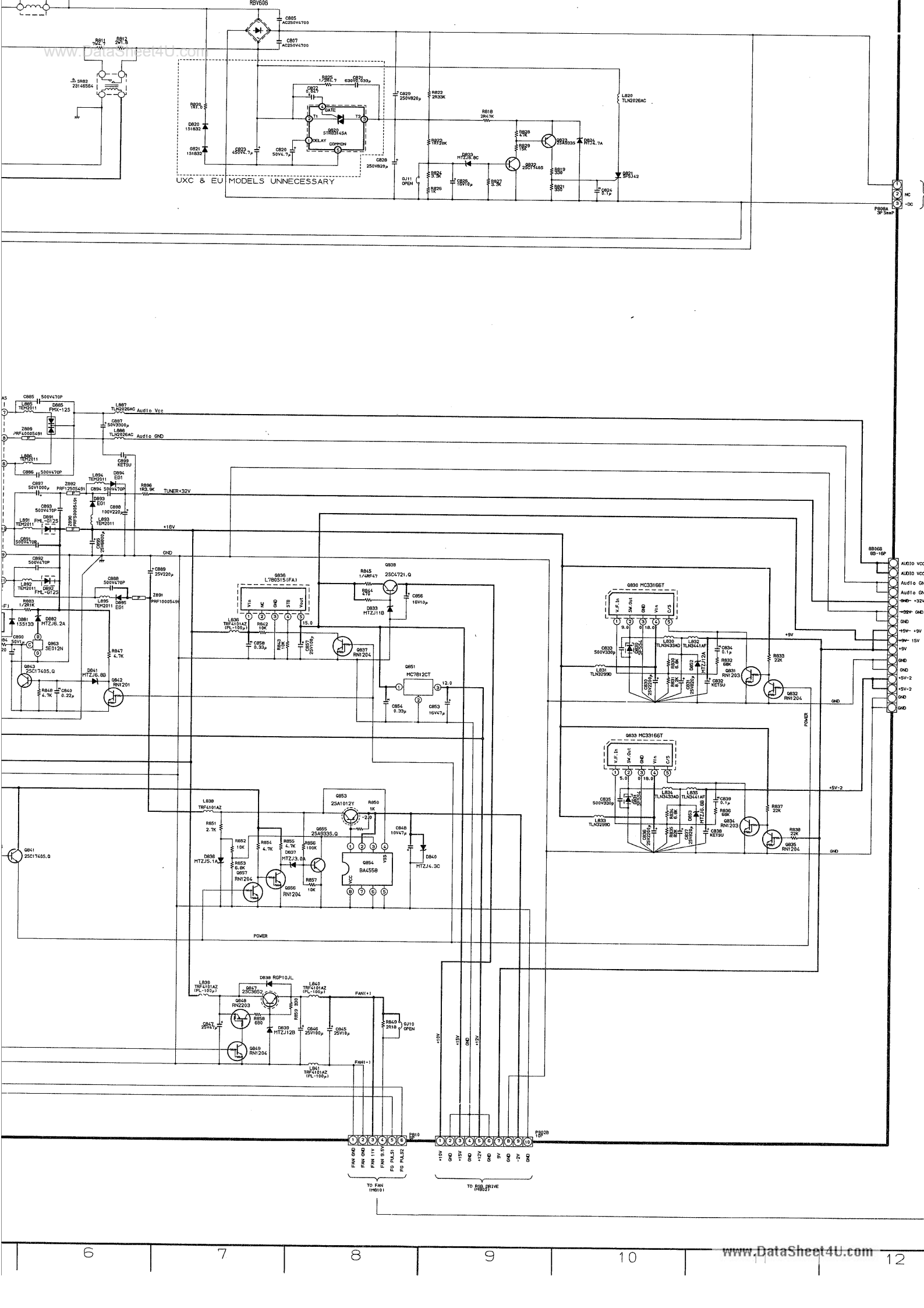

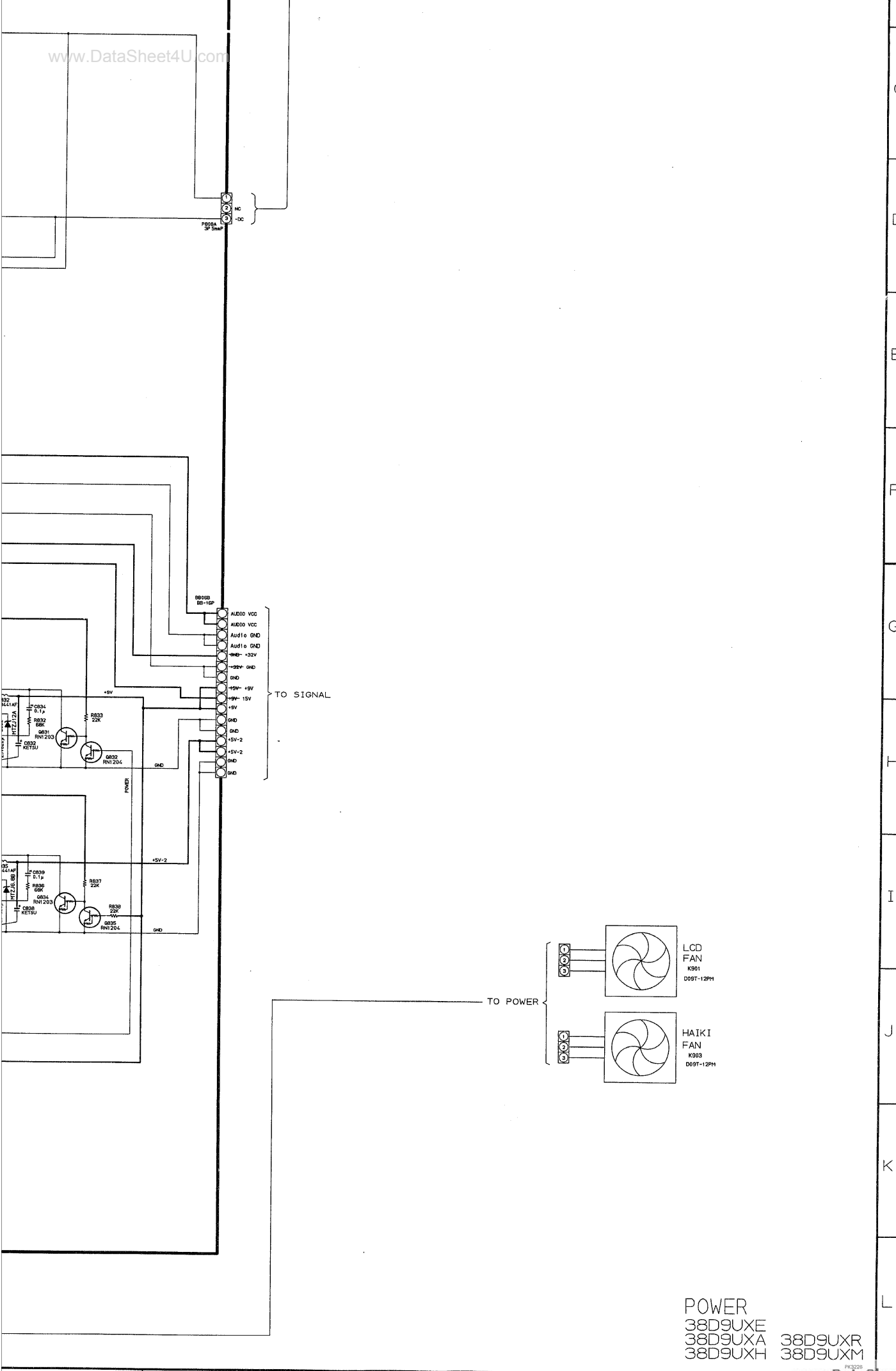

POWER
38D9UXE
38D9UXA 38D9UXR
38D9UXH 38D9UXM

SCHEMATIC DIAGRAM MODEL : 38D9UXE / 38D9UXA / 38D9UXH / 38D9UXR / 38D9UXM (3/5)

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40200005

OBSERVATION OF VOLTAGES AND WAVEFORMS

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2. All waveforms are taken using a wide band oscilloscope and a low capacity probe.
3. Waveforms are taken using a standard colour bar signal.
4. Make sure that CONTRAST and COLOUR controls are in mid position and BRIGHTNESS control is almost in maximum position. Set other controls for best picture.

NOTES:

1. D.C. resistance value of a principal transformer is shown in this schematic diagram. These are measured for separated from the circuit.
2. The circuits are subject to change without notice.
3. ⊖ : Solder links.

EXPRESSION

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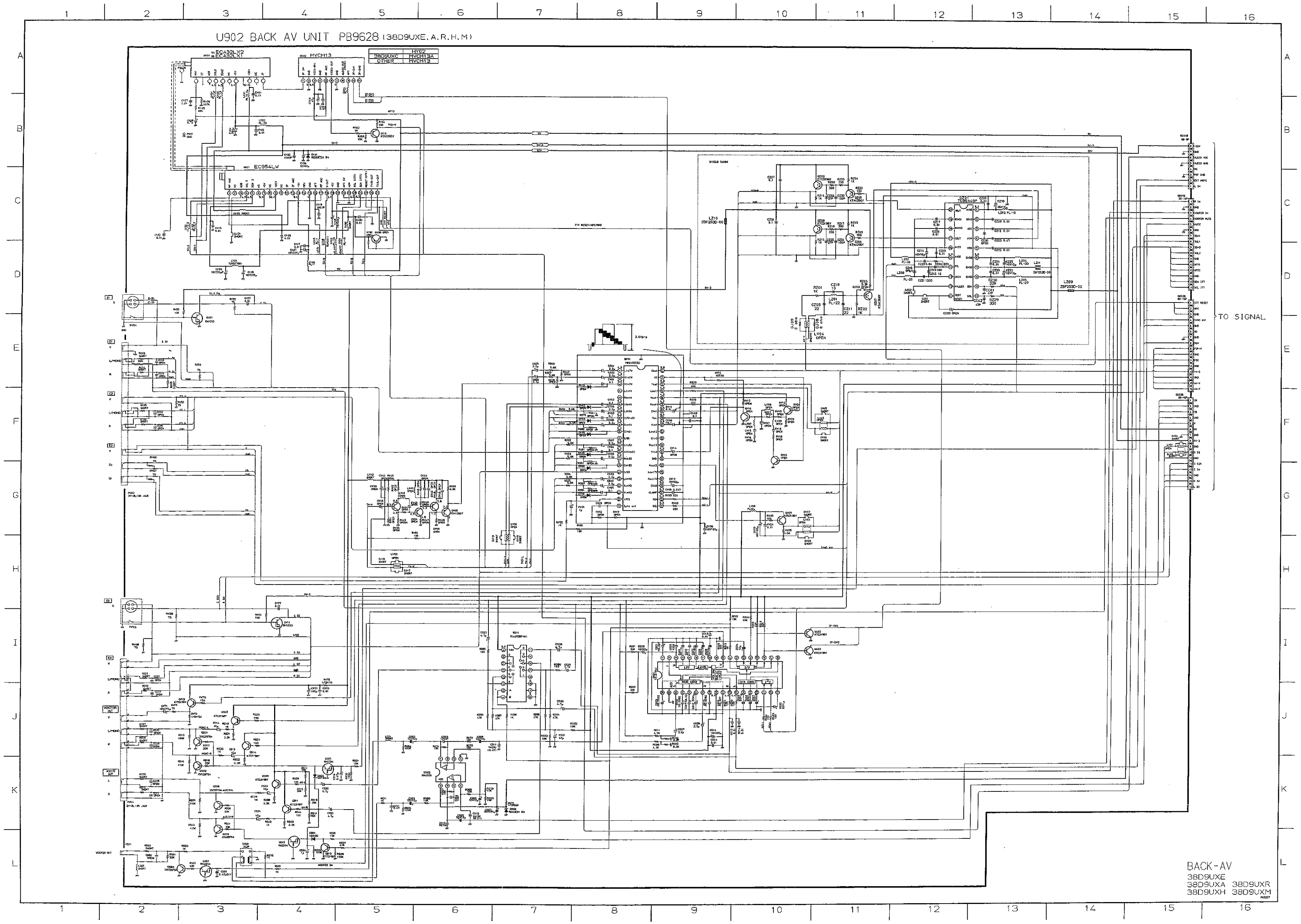

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SCHEMATIC DIAGRAM

MODEL : 38D9UXE / 38D9UXA (3/5)
38D9UXH / 38D9UXR
38D9UXM

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OBSERVATION OF VOLTAGES AND WAVEFORMS

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picture.

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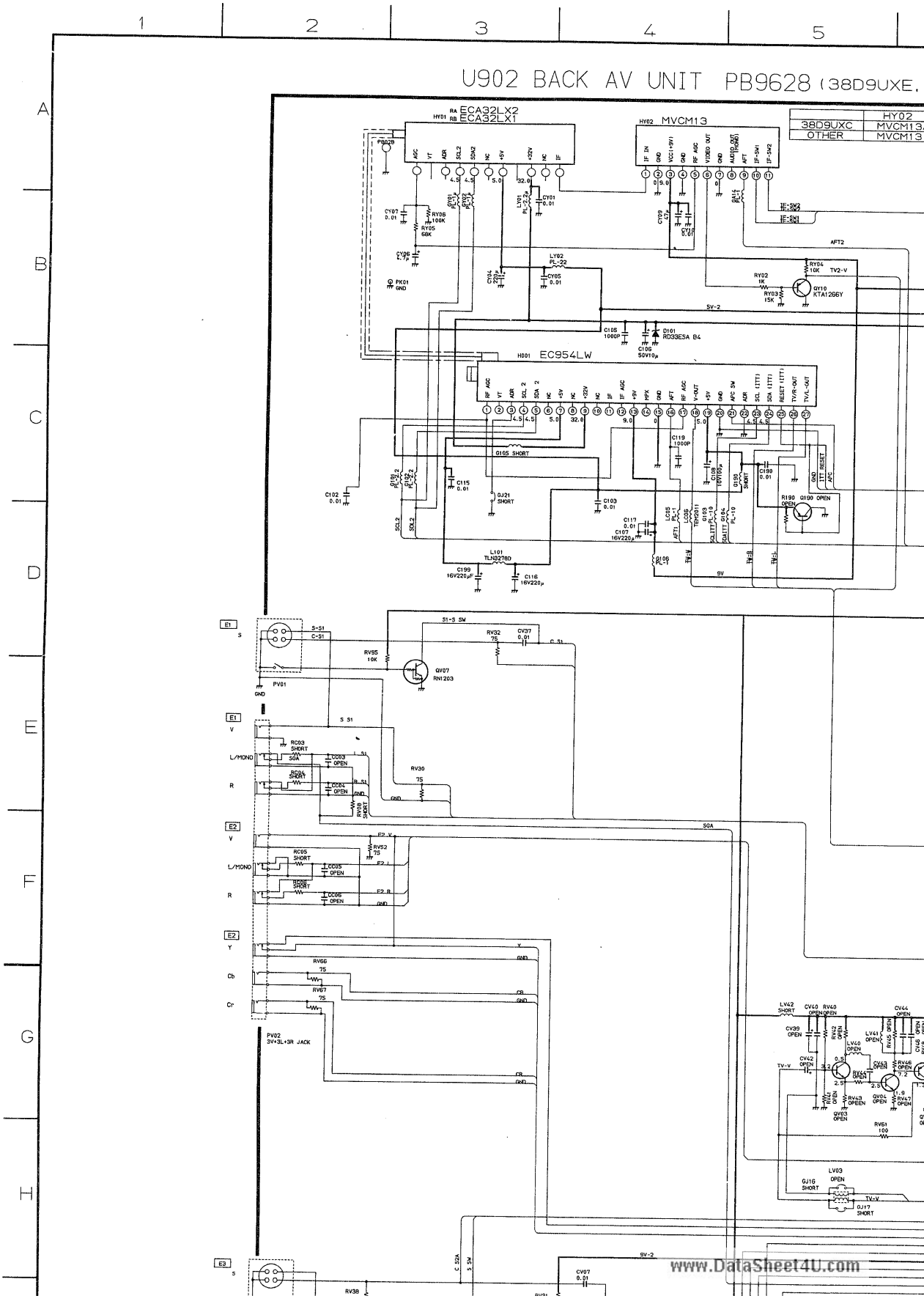

S AND WAVEFORMS

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EXP

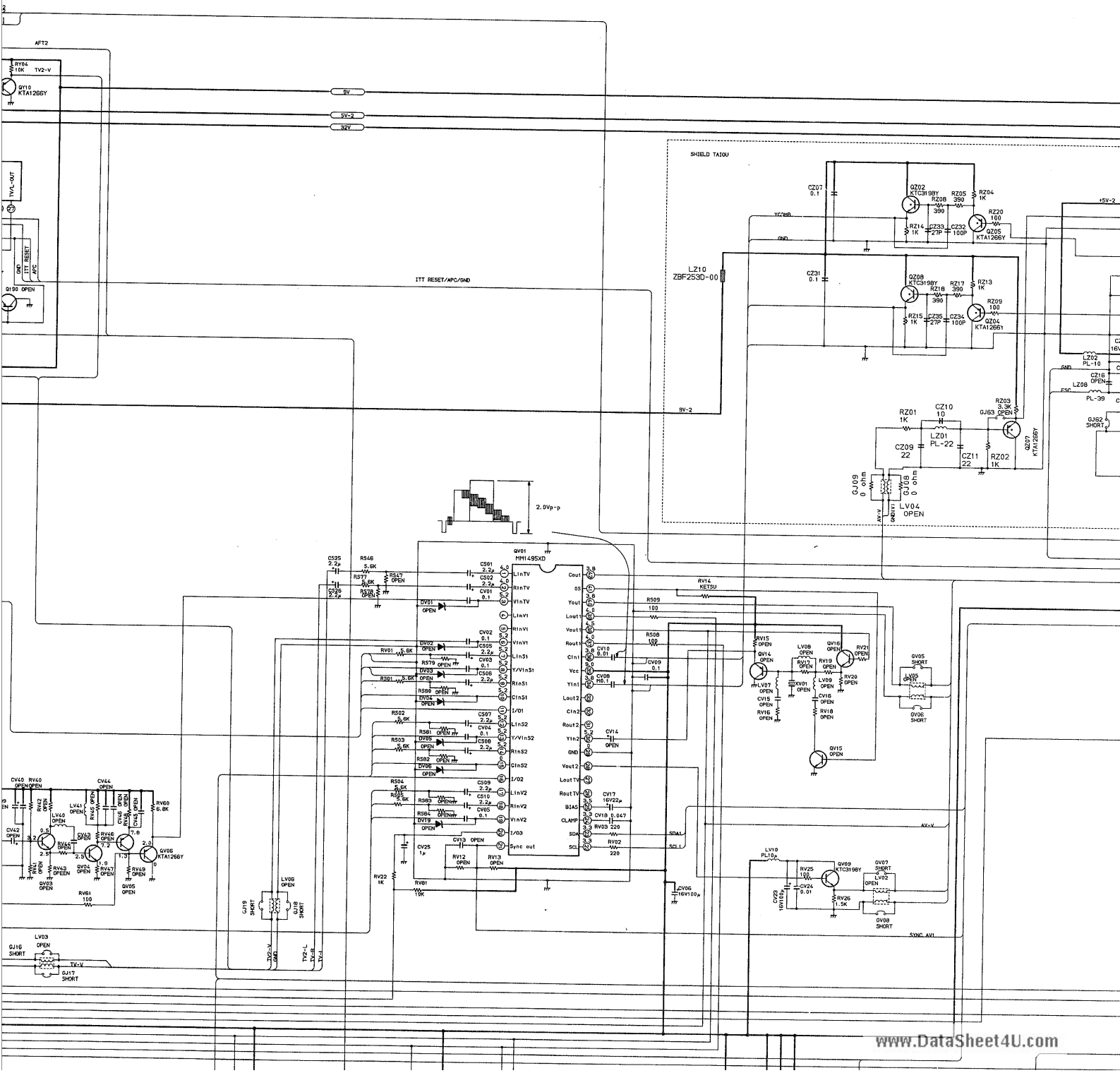
VAL

1. R
2. U
se
3. U
se

5 6 7 8 9 10 11

8 (38D9UXE, A, R, H, M)

	HY02
38D9UXC	MVCM13A
OTHER	MVCM13



EXPRESSION

his schematic dia-

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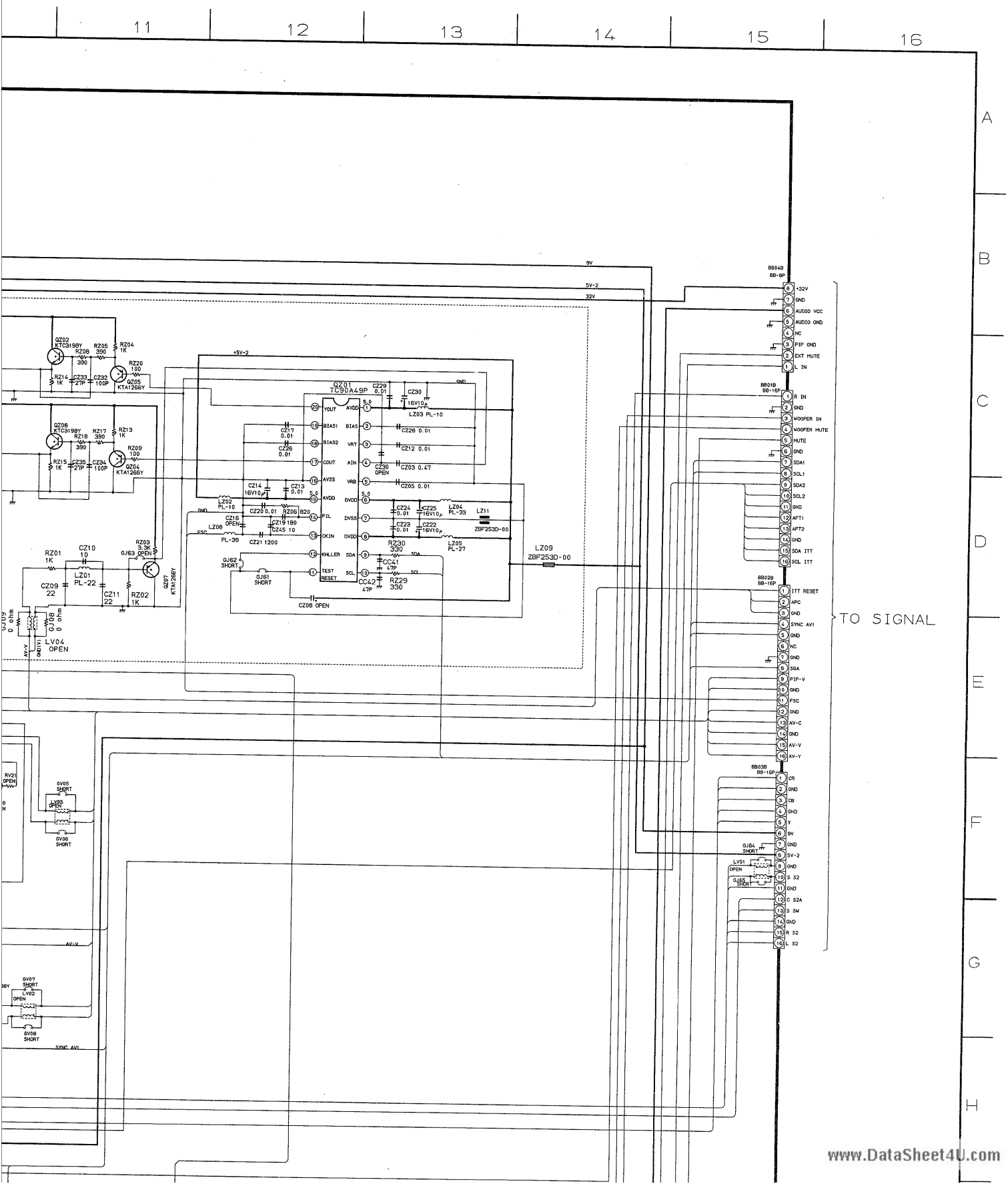

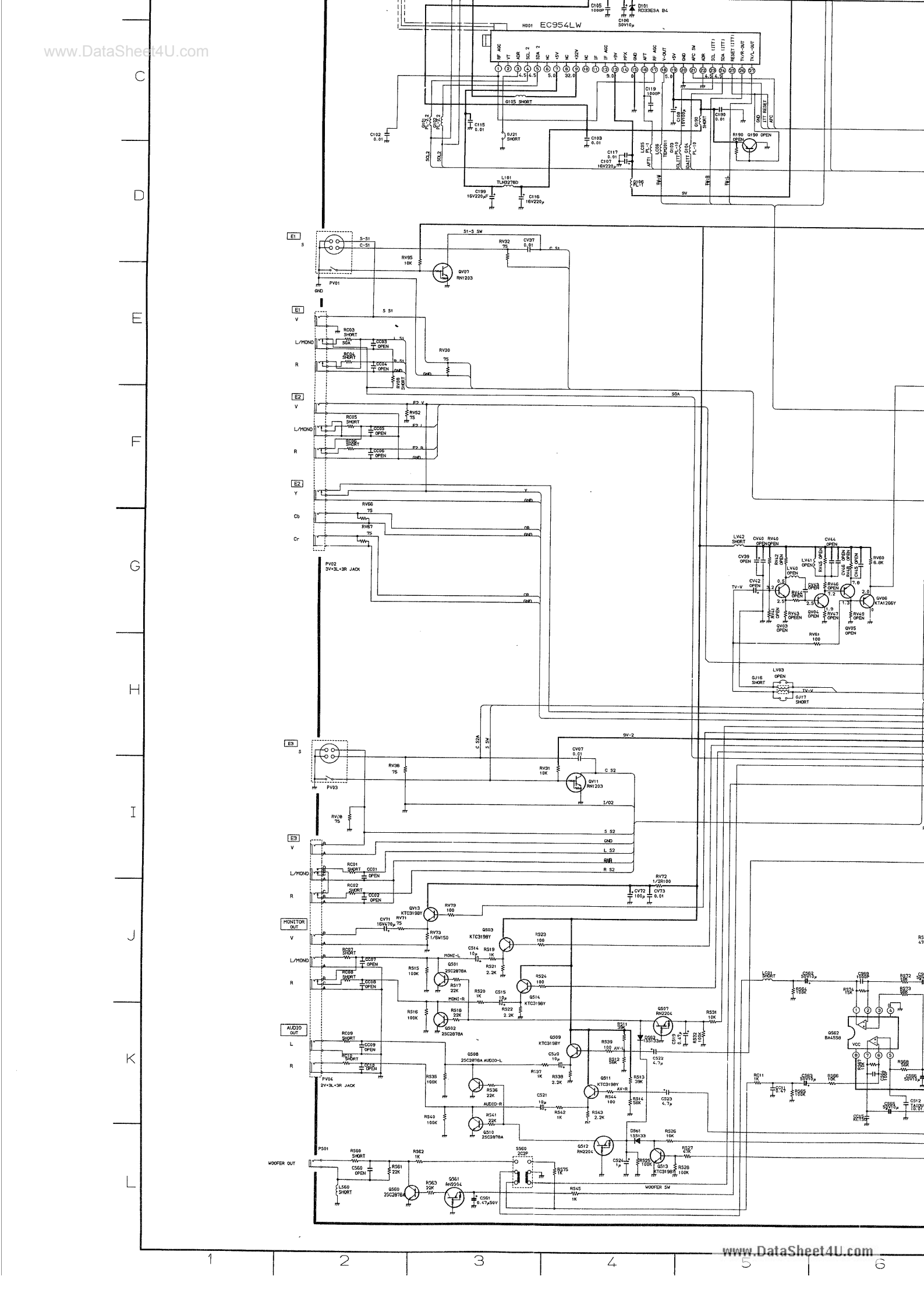

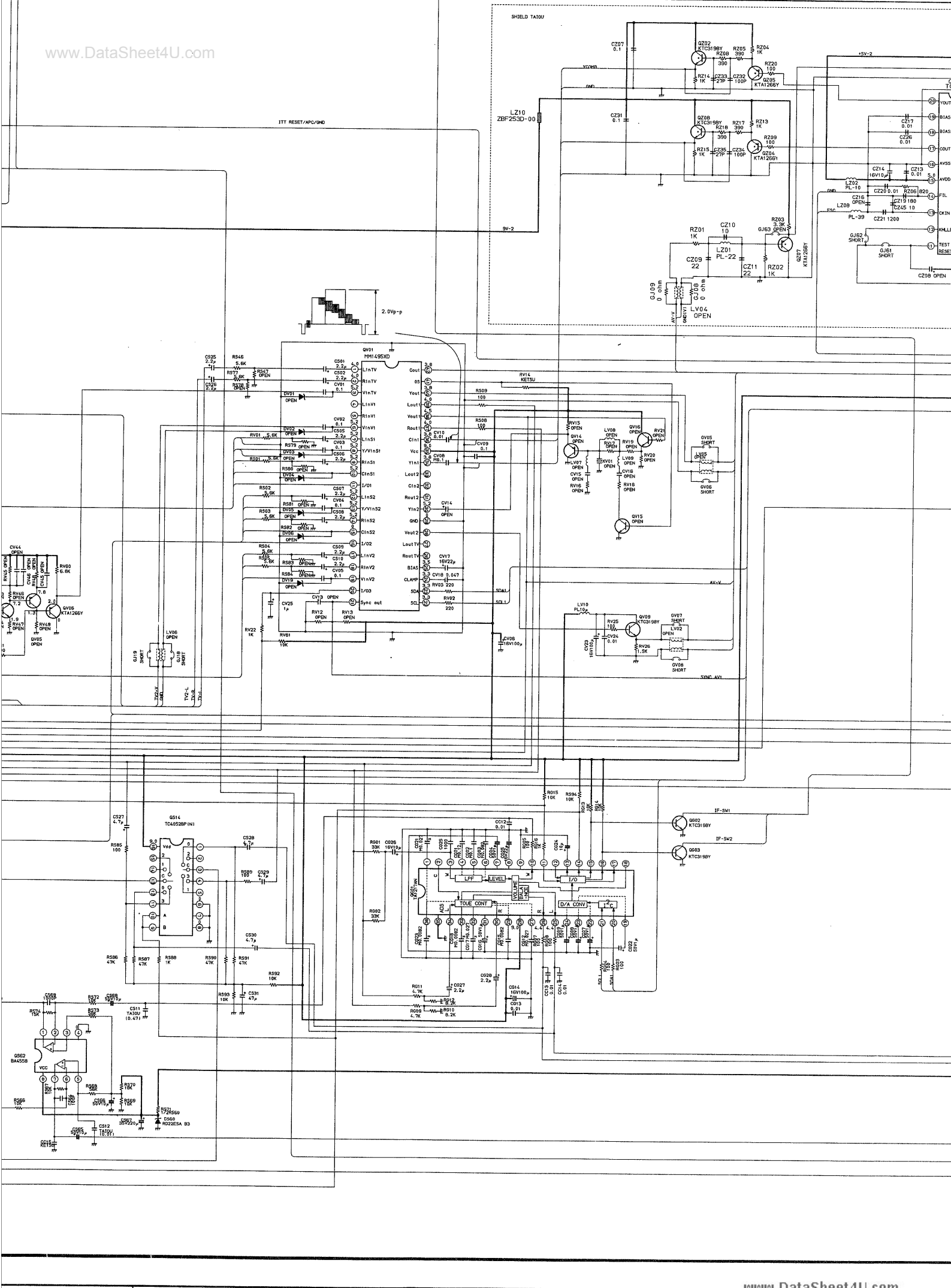

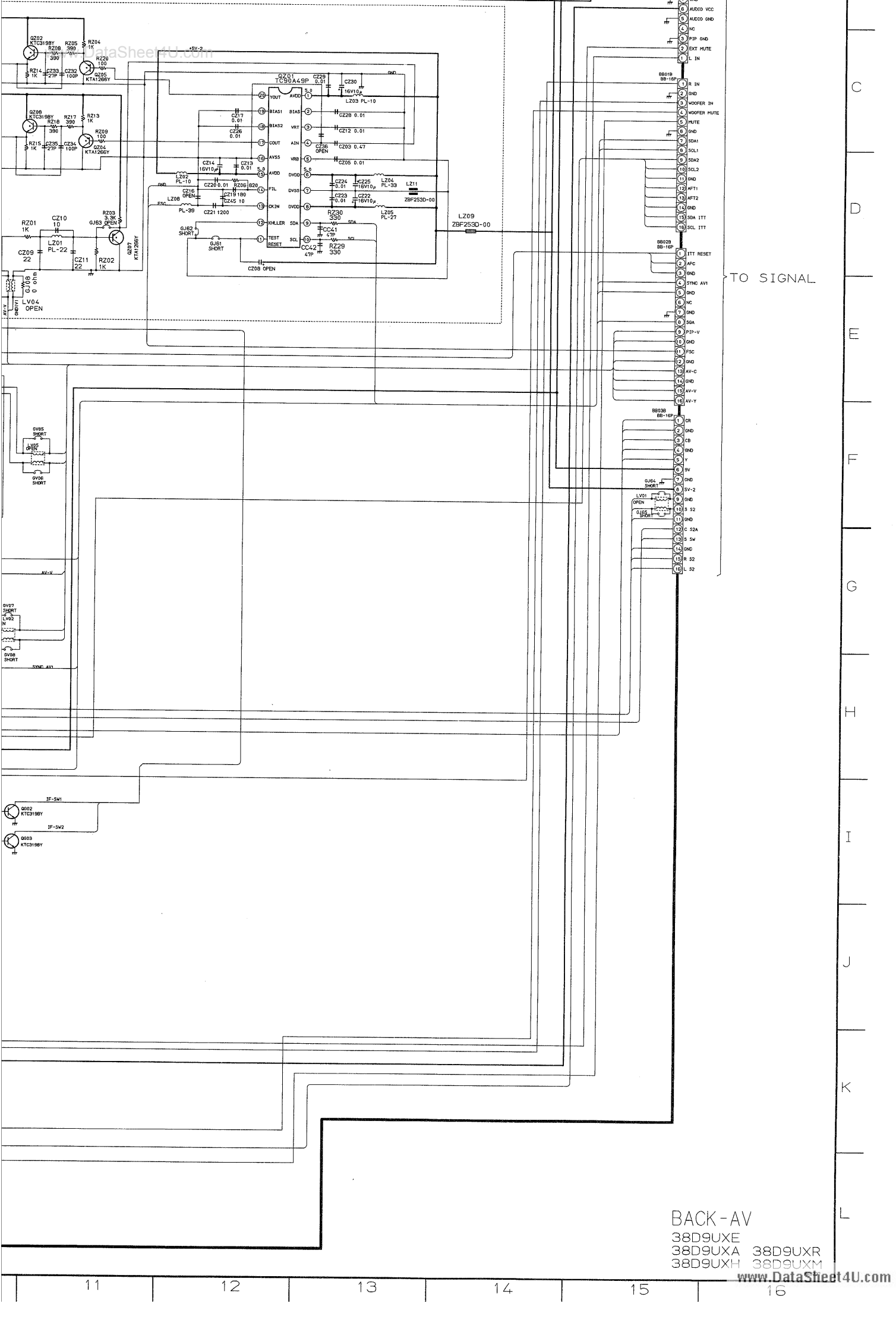

SCHEMATIC DIAGRAM

MODEL : 38D9UXE / 38D9UXA (4/5)
38D9UXH / 38D9UXR
38D9UXM

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40200005

OBSERVATION OF VOLTAGES AND WAVEFORMS

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NOTES:

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EXPRESSION

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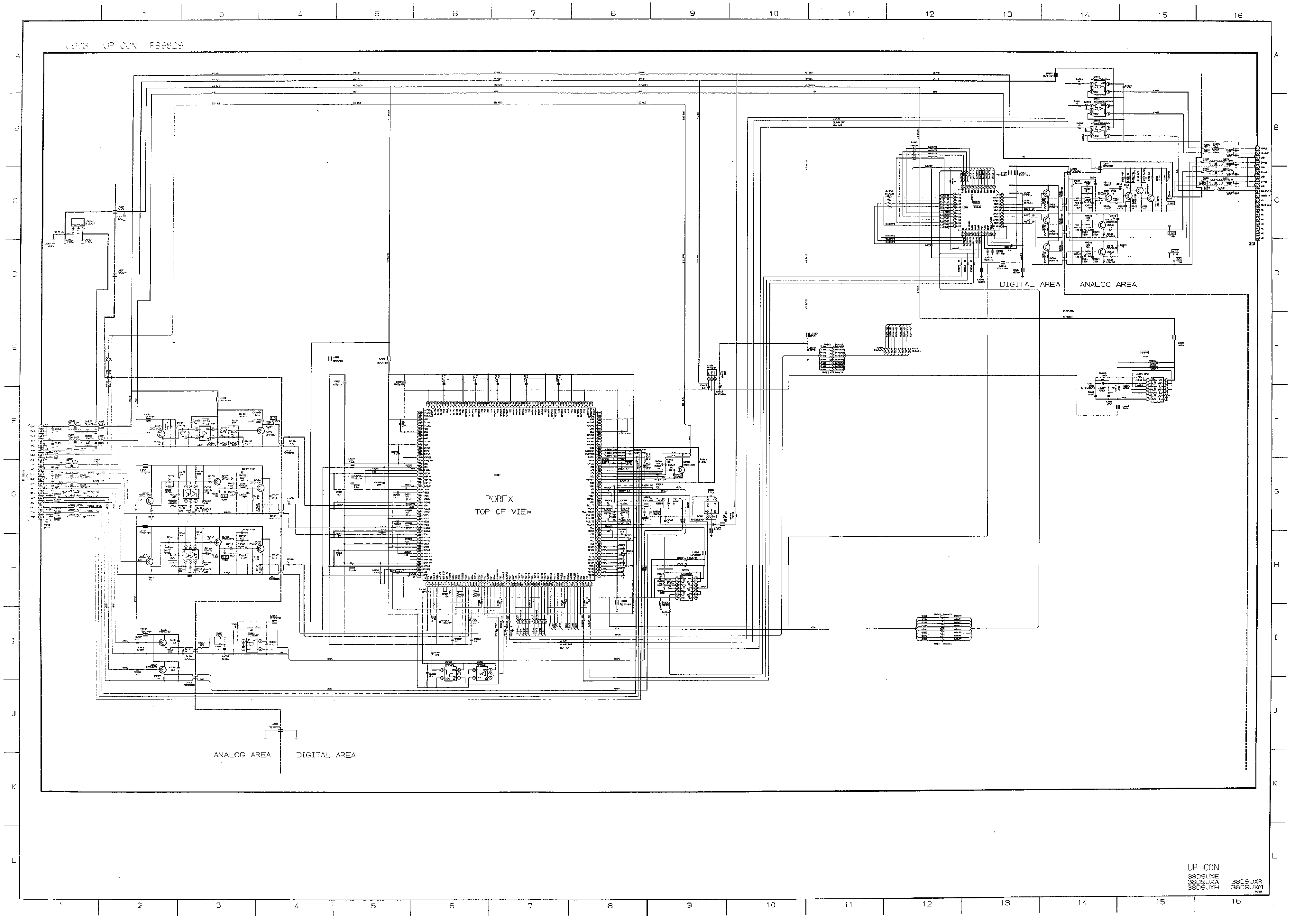

SCHEMATIC DIAGRAM MODEL : 38D9UXE / 38D9UXA 38D9UXH / 38D9UXR 38D9UXM (4/5)

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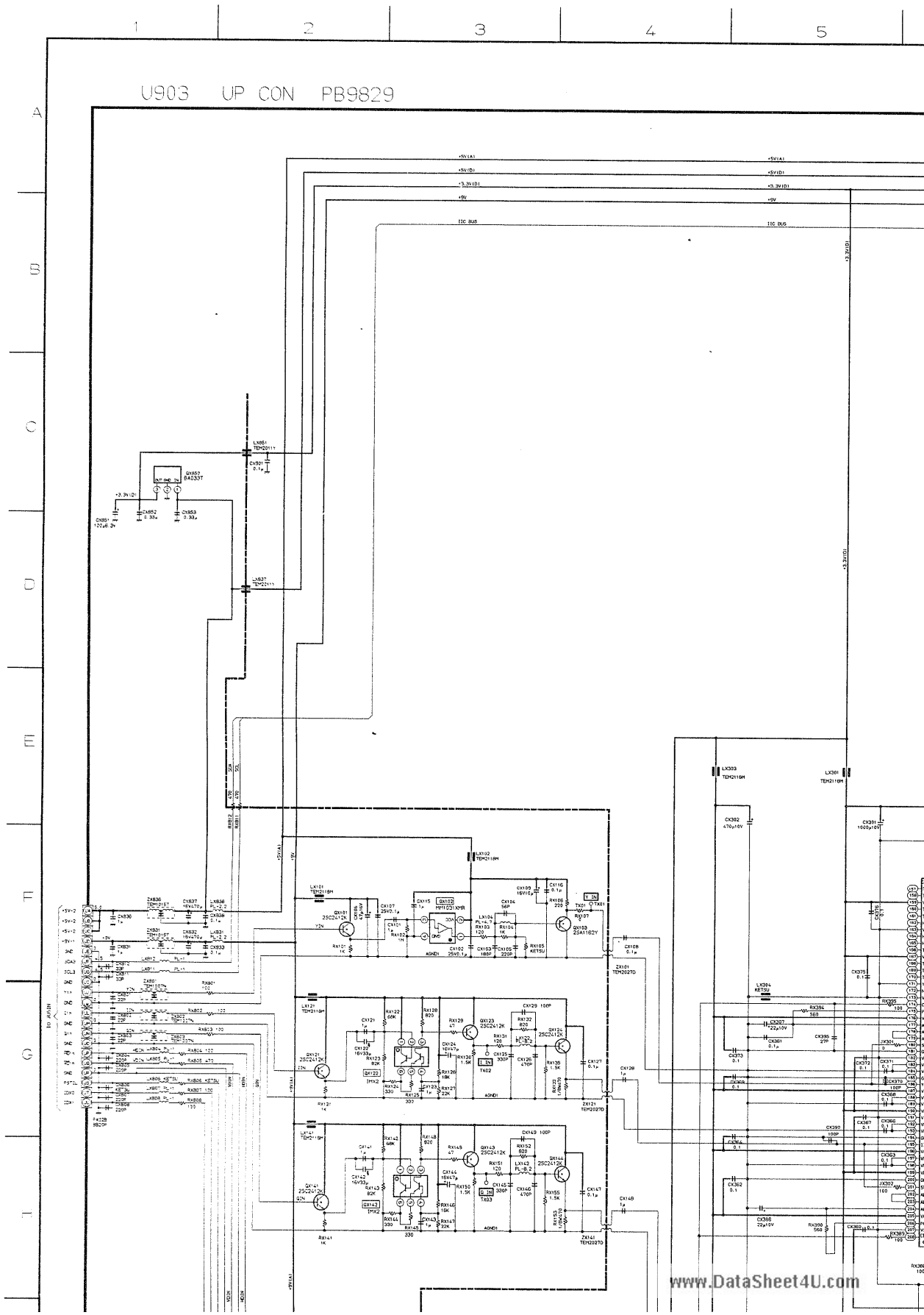

AND WAVEFORMS

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NOTES:

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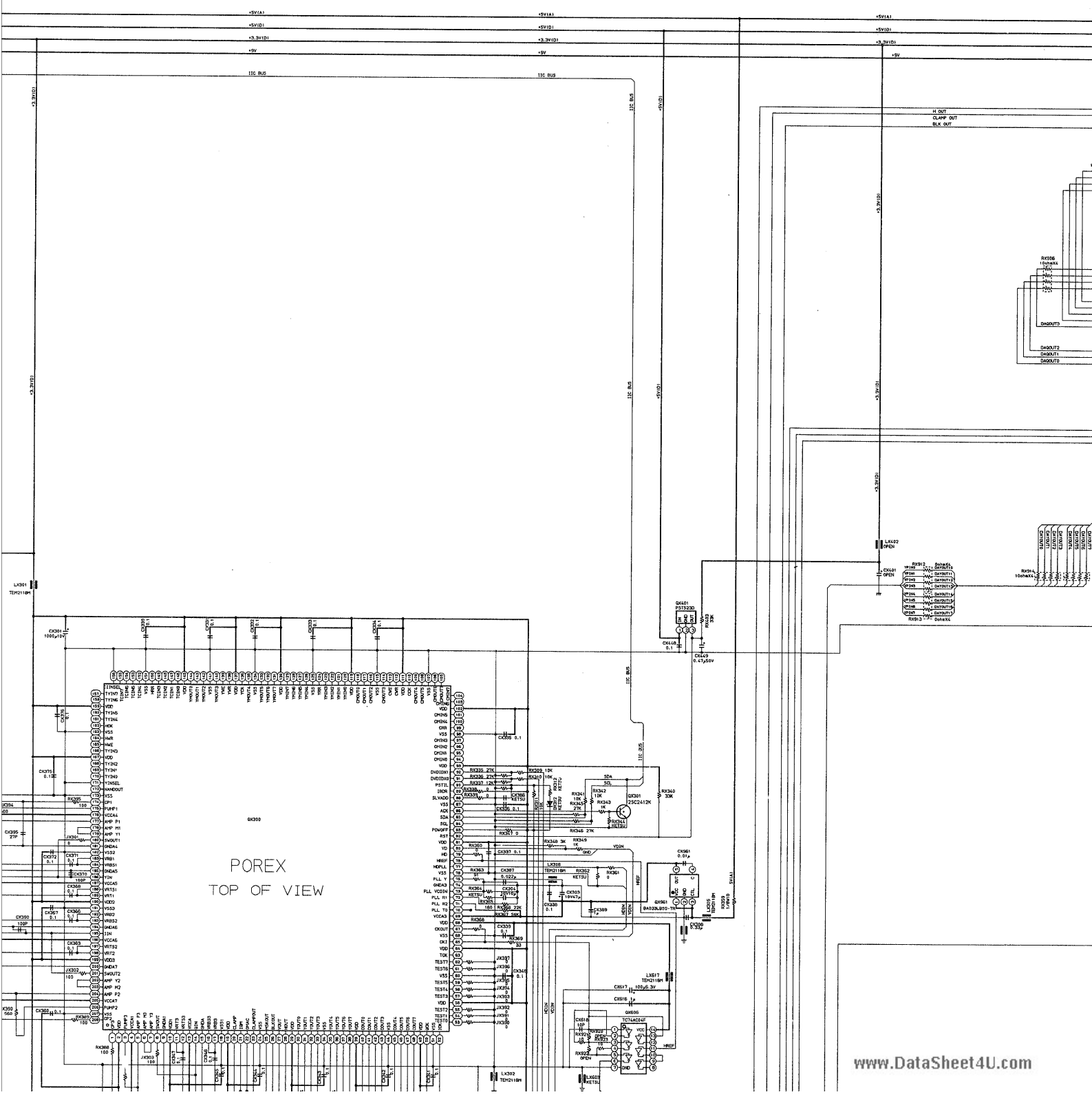
3. ◓ : Solder links.

EXPR

VALU

1. Res
2. Unl
   sed
3. Unl
   sed

5 6 7 8 9 10 11



EXPRESSION

ematic dia-

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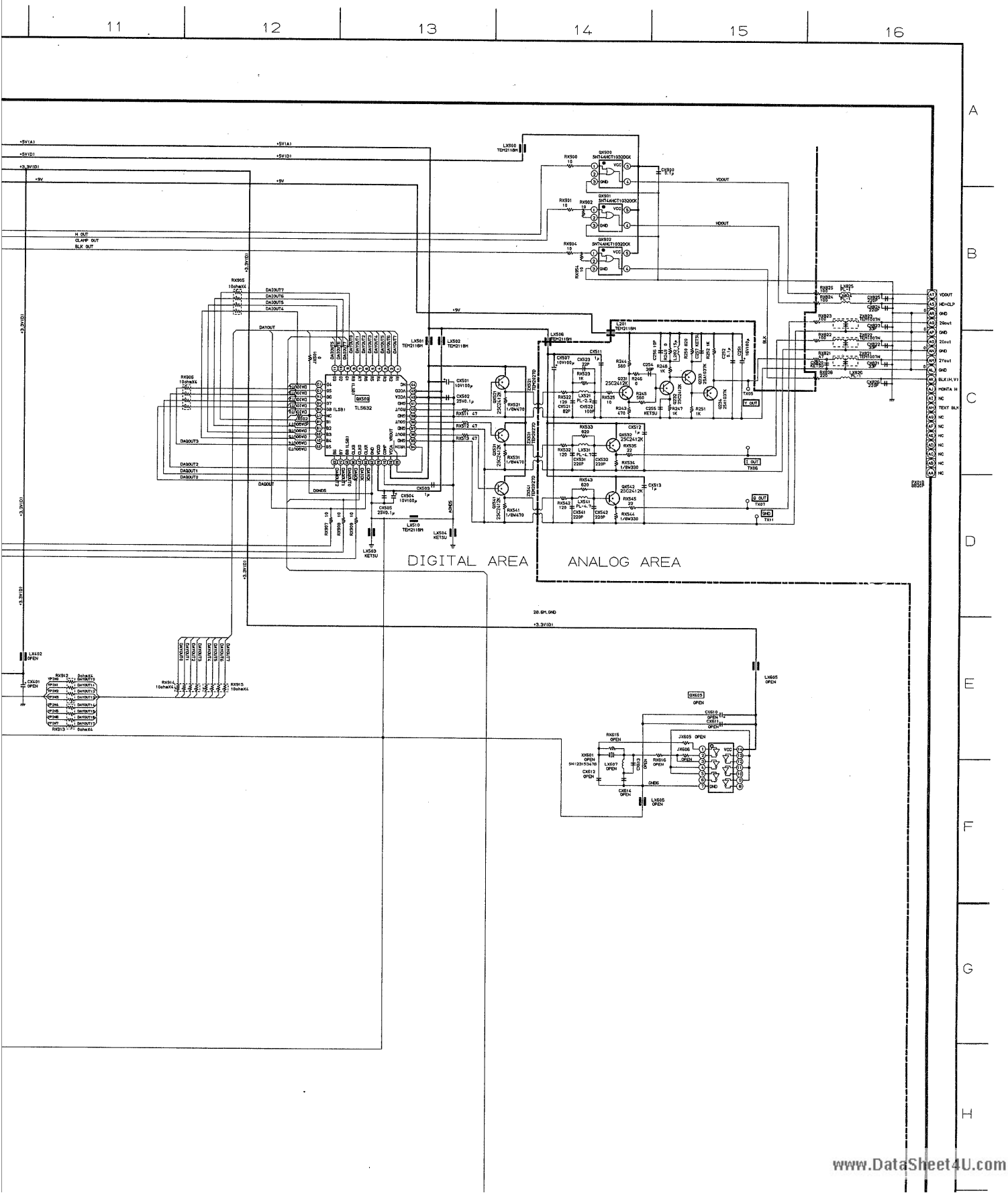

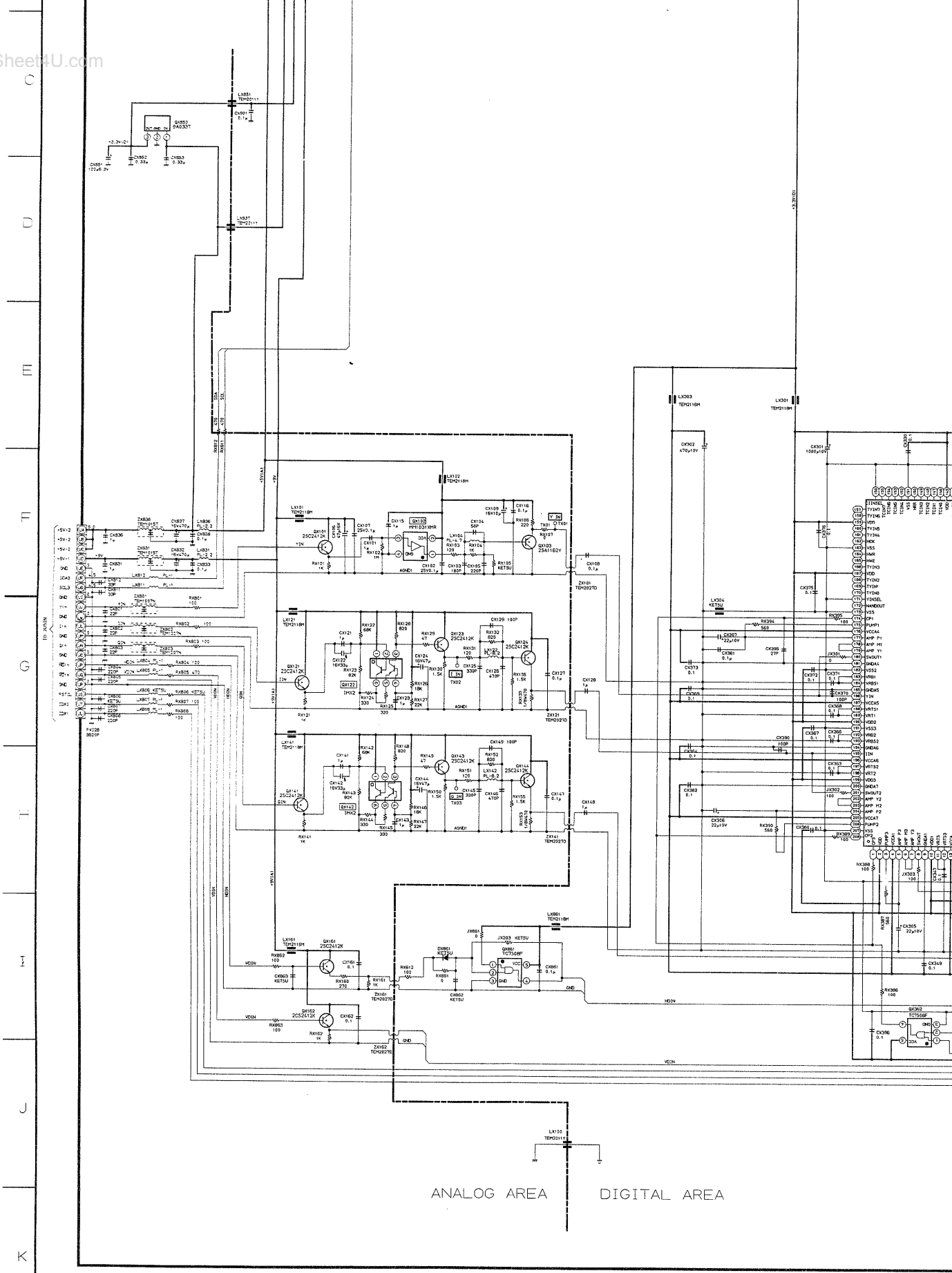

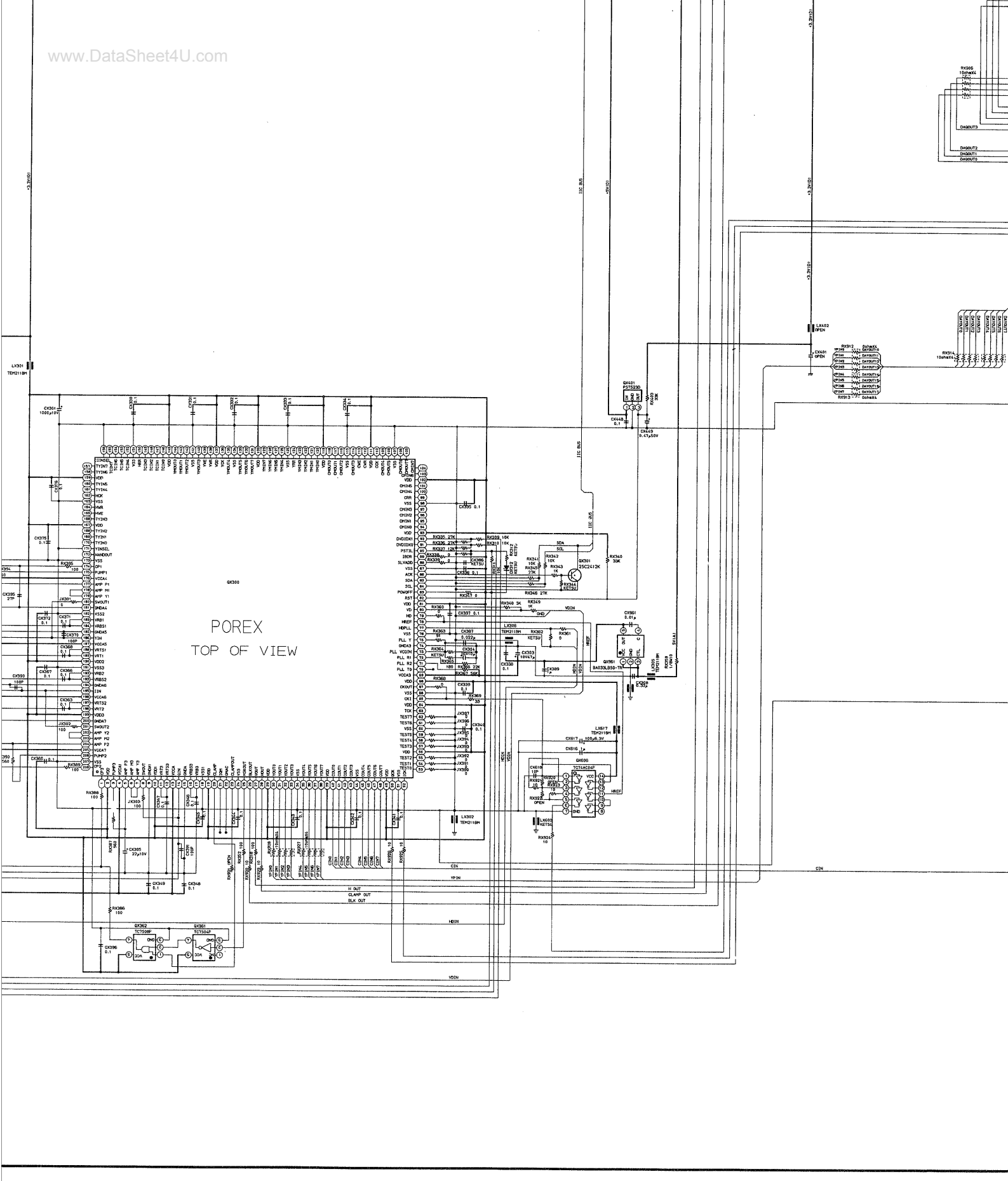

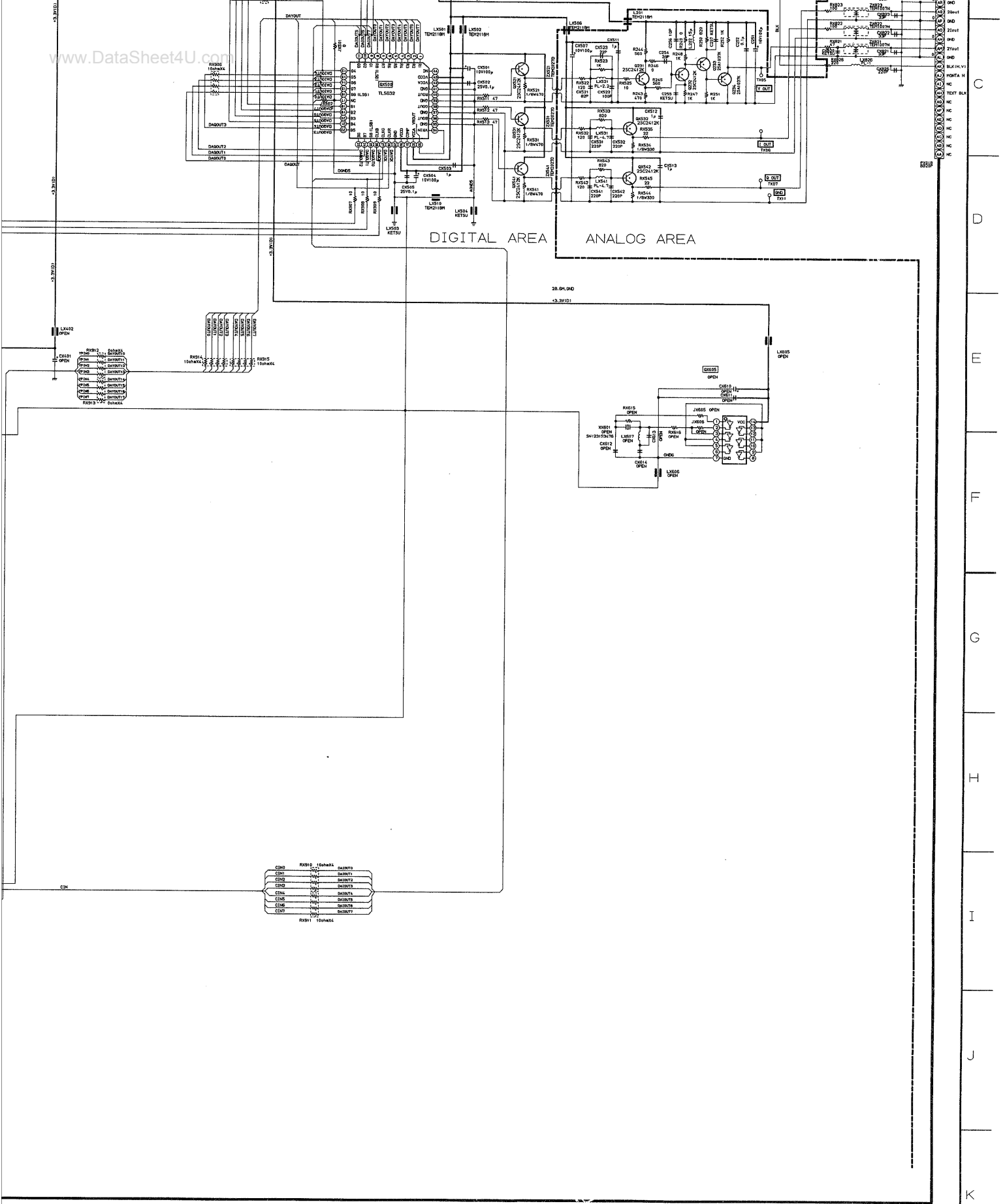

SCHEMATIC DIAGRAM MODEL : 38D9UXE / 38D9UXA (5/5) 38D9UXH / 38D9UXR 38D9UXM

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OBSERVATION OF VOLTAGES AND WAVEFORMS

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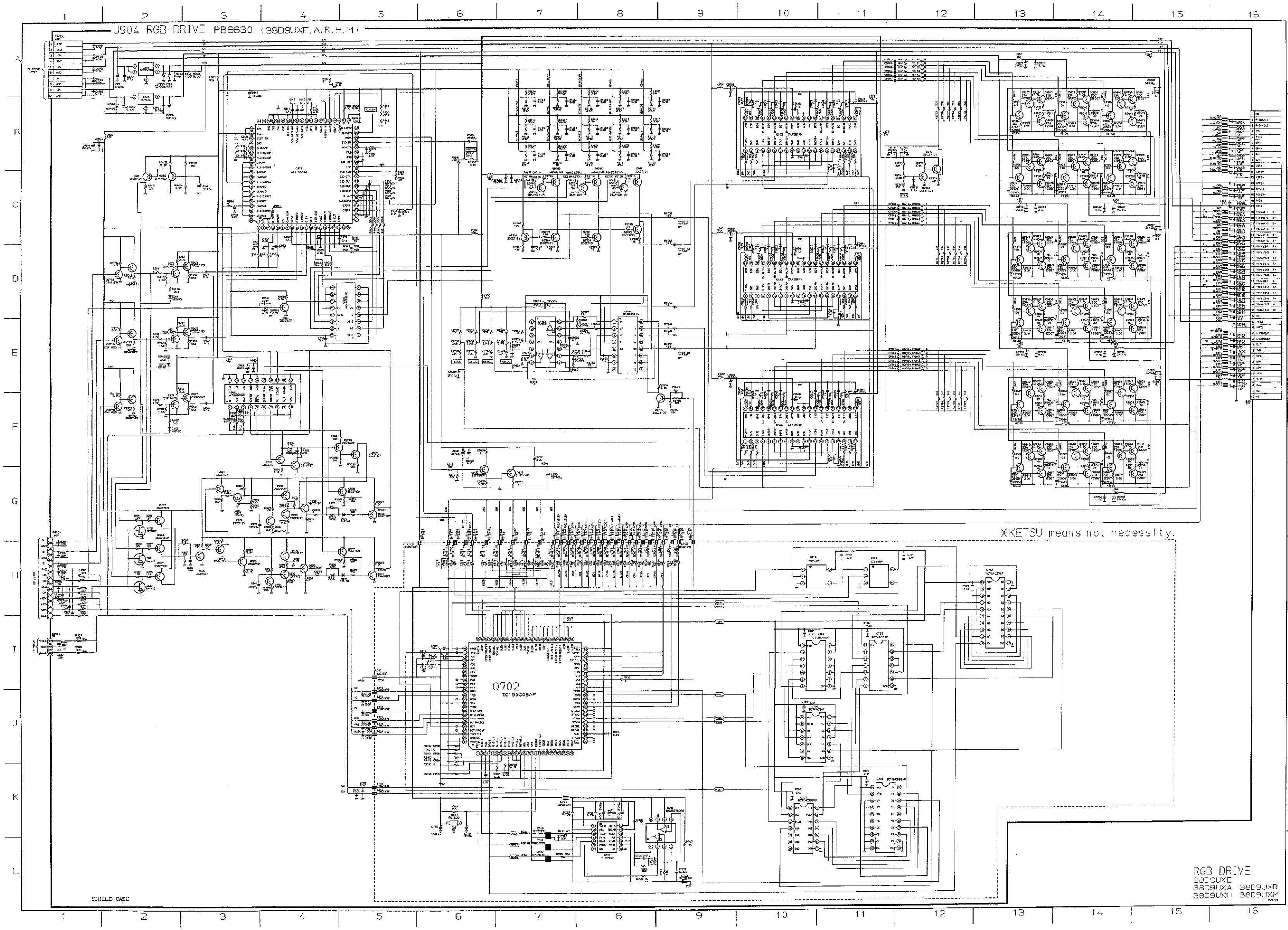
1. Resistance is shown in ohm, k=1,000, M=1,000,000
2. Unless other wise noted in schematic, all capacitor values less than 1 are expressed in μF and the values more than 1 in pF.
3. Unless otherwise noted in schematic, all inductor values more than 1 are expressed in μH, and the values less than 1 in H.

40200005



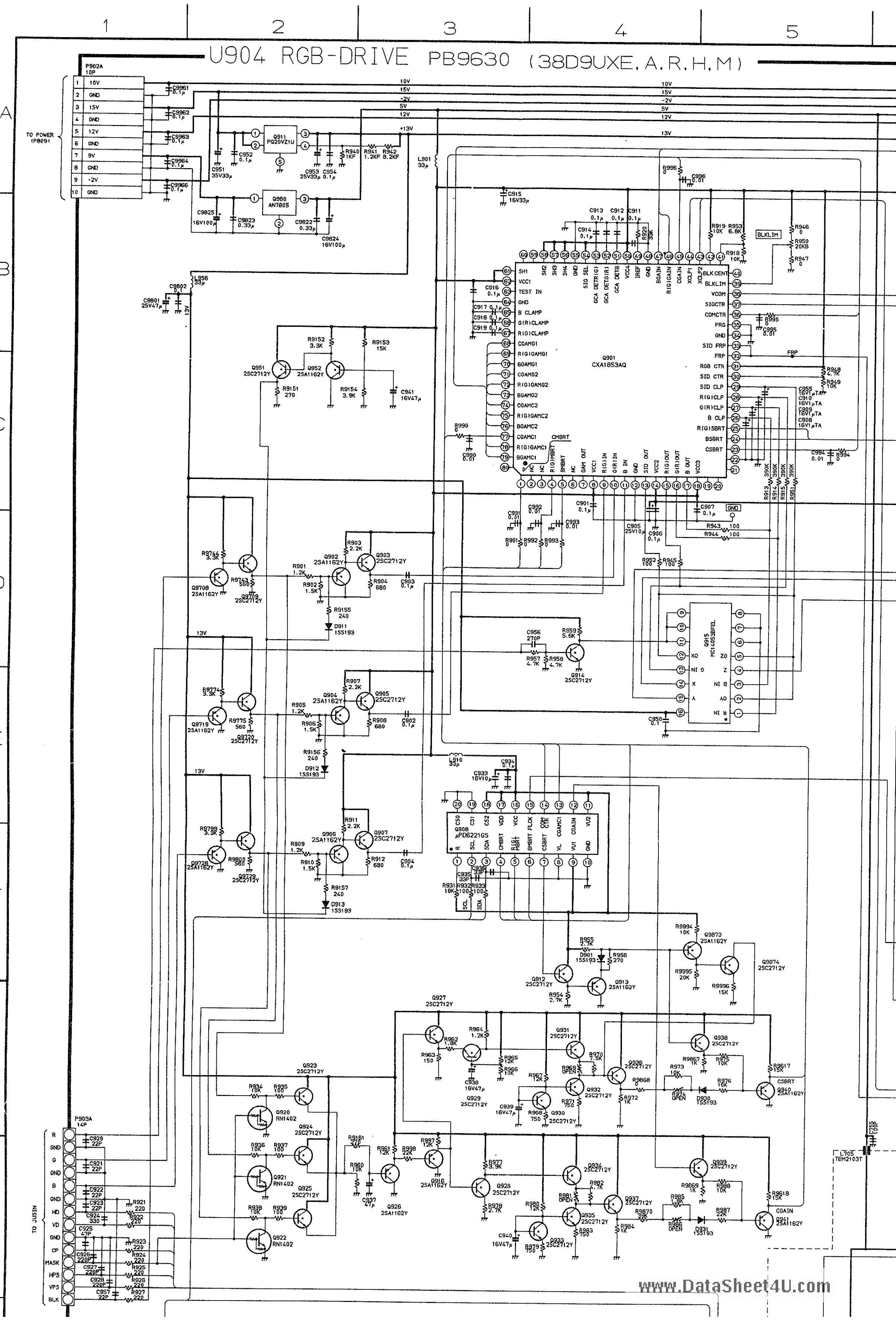
SCHEMATIC DIAGRAM MODEL : 38D9UXE / 38D9UXA (5/5)
38D9UXH / 38D9UXR
38D9UXM

CAUTION: The international hazard symbols "⚠" in the schematic diagram and the parts list designate components which have special characteristics important for safety and should be replaced only with types identical to those in the original circuit or specified in the parts list. The mounting position of replacements is to be identical with originals. Before replacing any of these components, read carefully the PRODUCT SAFETY NOTICE on page 3. Do not degrade the safety of the receiver through improper servicing.

OBSERVATION OF VOLTAGES AND WAVEFORMS

1. Voltages read with VTVM from point shown to c volts, colour bar signal. Voltages reading may v
2. All waveforms are taken using a wide band oscillo
3. Waveforms are taken using a standard colour ba
4. Make sure that CONTRAST and COLOUR con BRIGHTNESS control is almost in maximum pos picture.

40200005



ND WAVEFORMS

point shown to chassis ground, line voltage 220
es reading may vary ±20%.
wide band oscilloscope and a low capacity probe.
tandard colour bar signal.
nd COLOUR controls are in mid position and
in maximum position. Set other controls for best

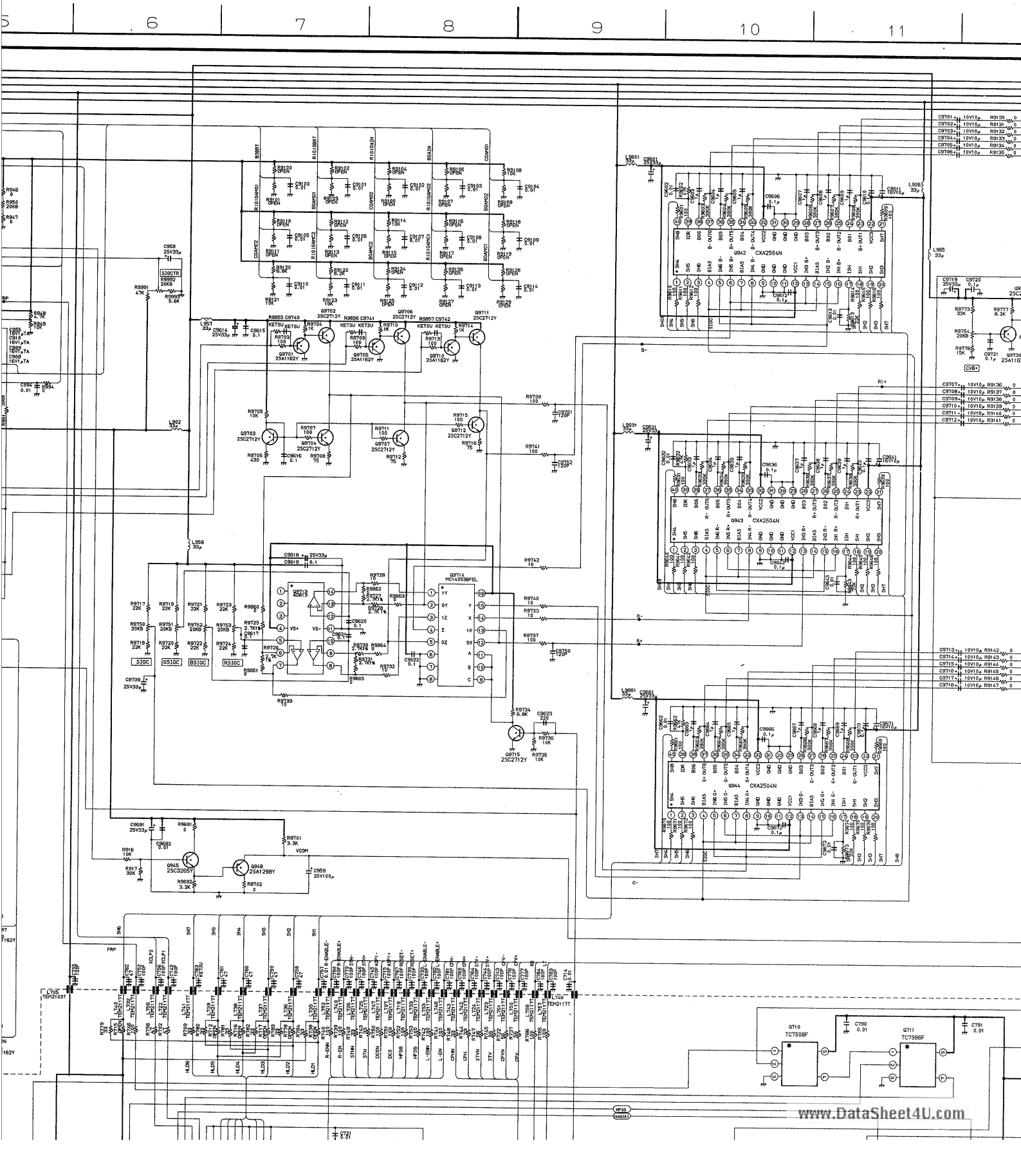
NOTES:

1. D.C. resistance value of a principal transformer is shown in this schematic diagram. These are measured for separated from the circuit.
2. The circuits are subject to change without notice.
3. ⬬ : Solder links.

EXPR

VALUE

1. Resis
2. Unles
sed i
3. Unles
sed i

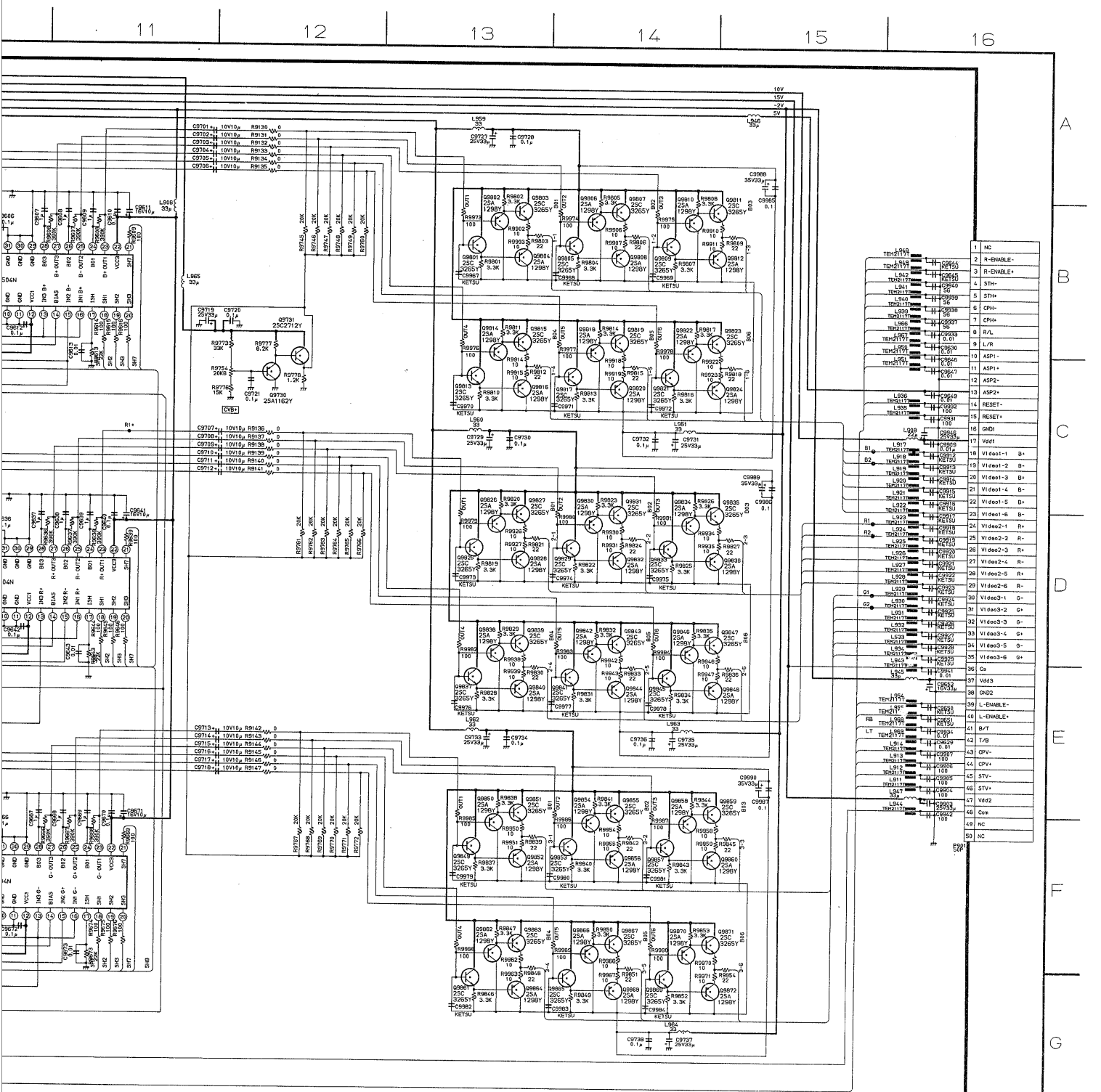


EXPRESSION

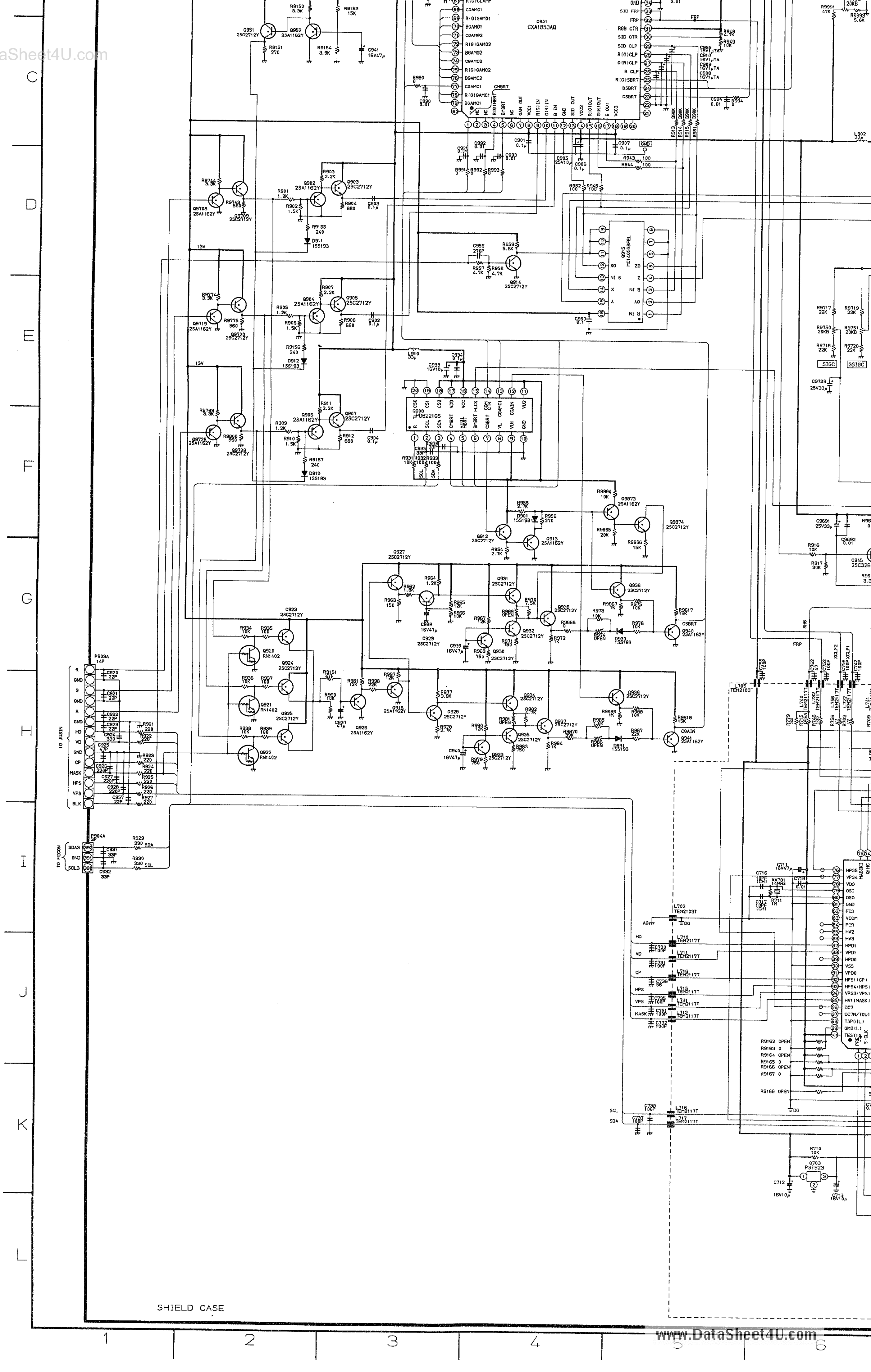
s schematic dia-

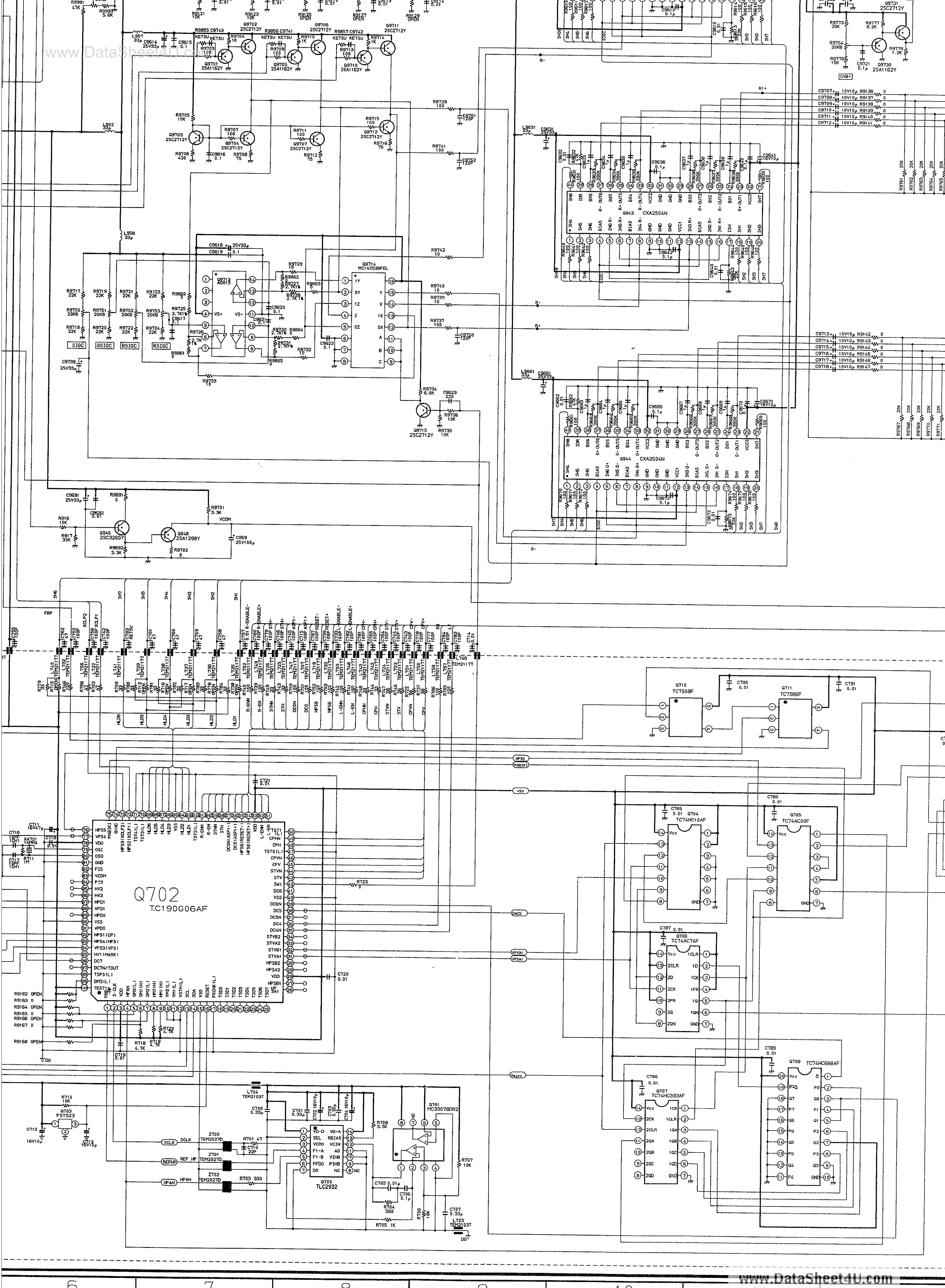
VALUE OF RESISTOR, CAPACITOR and INDUCTOR

1. Resistance is shown in ohm, k=1,000, M=1,000,000
2. Unless other wise noted in schematic, all capacitor values less than 1 are expressed in μF and the values more than 1 in pF.
3. Unless otherwise noted in schematic, all inductor values more than 1 are expressed in μH, and the values less than 1 in H.

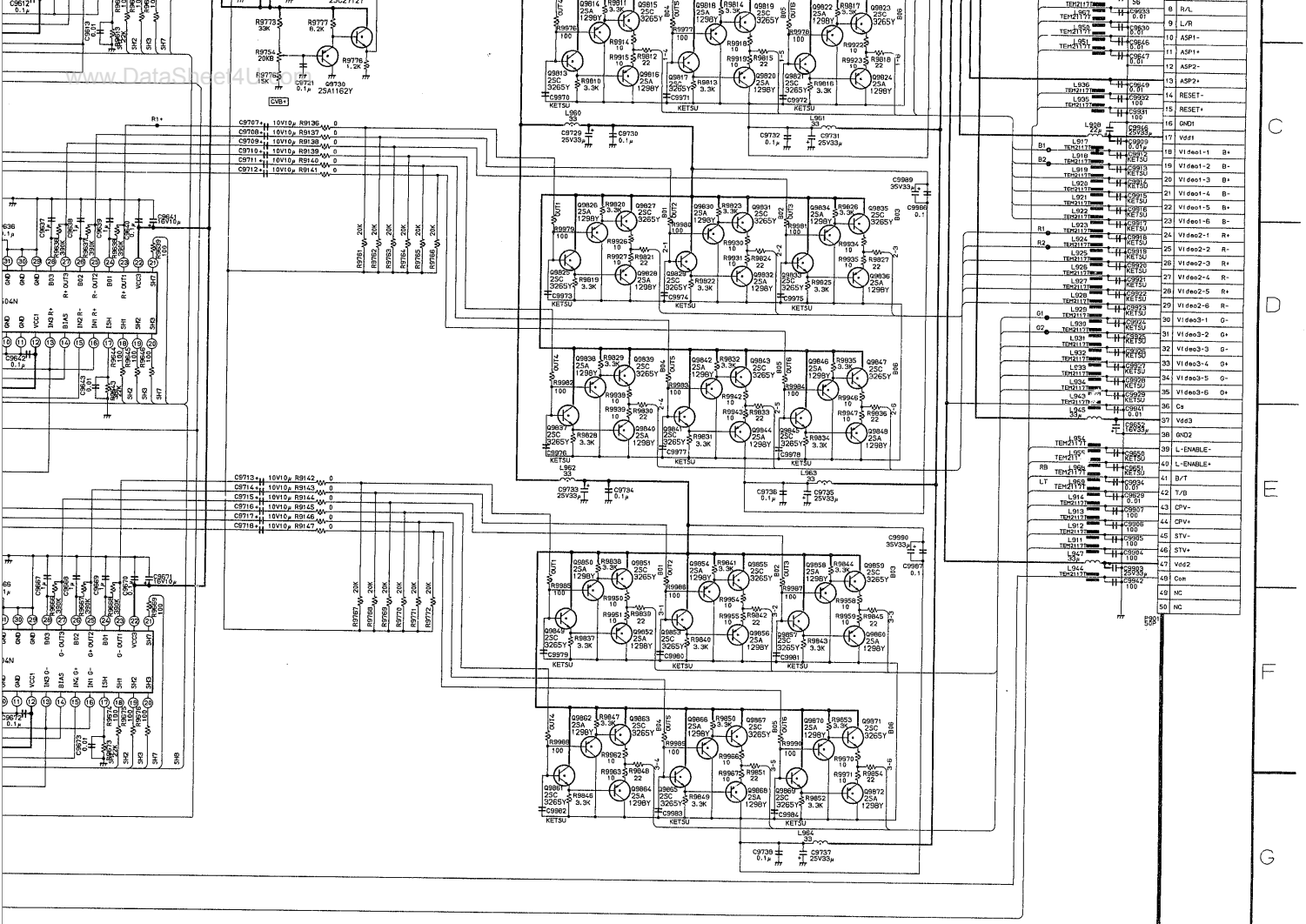


*KETSU means not necessity.

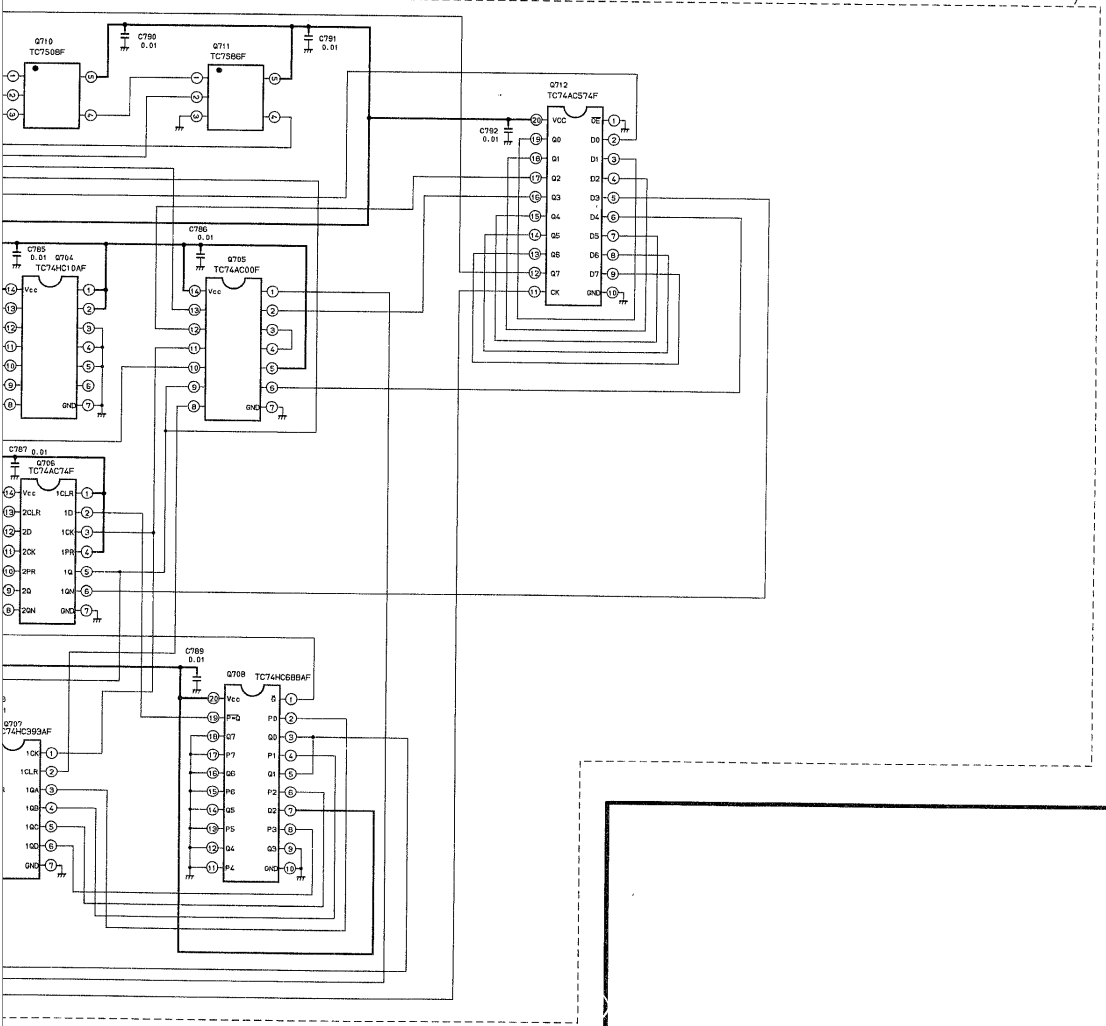




6	7	8	9	10	11	12



*KETSU means not necessity.



RGB DRIVE
38D9UXE
38D9UXA 38D9UXR
38D9UXH 38D9UXM