

JVC

SERVICE MANUAL

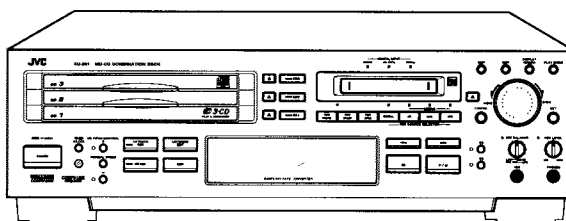
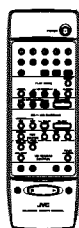
MD-CD COMBINATION DECK

XU-301BK

AudioTeh.com - Free Schematic Diagrams and Service Manuals



MD Mechanism EMU-401A
MD Optical Pickup KMS-260A
CD Traverse Mechanism VC3-2
CD Optical Pickup OPTIMA-150S
CD Signal Processor MN35510



COMPU LINK
Component

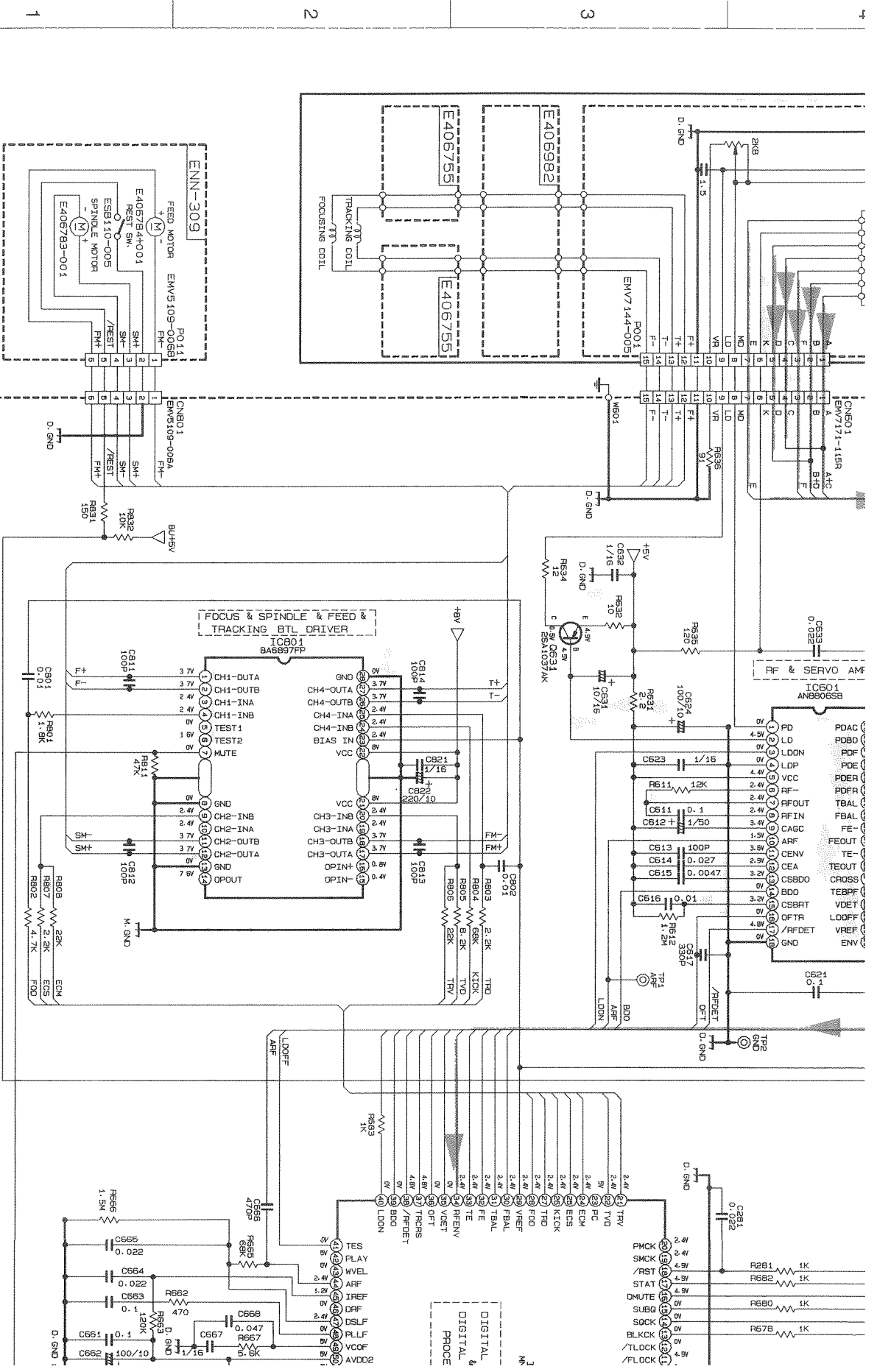
TEXT
COMPU LINK

Area Suffix

B	U.K.
E	Continental Europe
J	U.S.A.
EE	Eastern Europe
EN	Northern Europe
US	Singapore
UT	Taiwan
UB	Hong Kong
U	Other Areas

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A B C D E

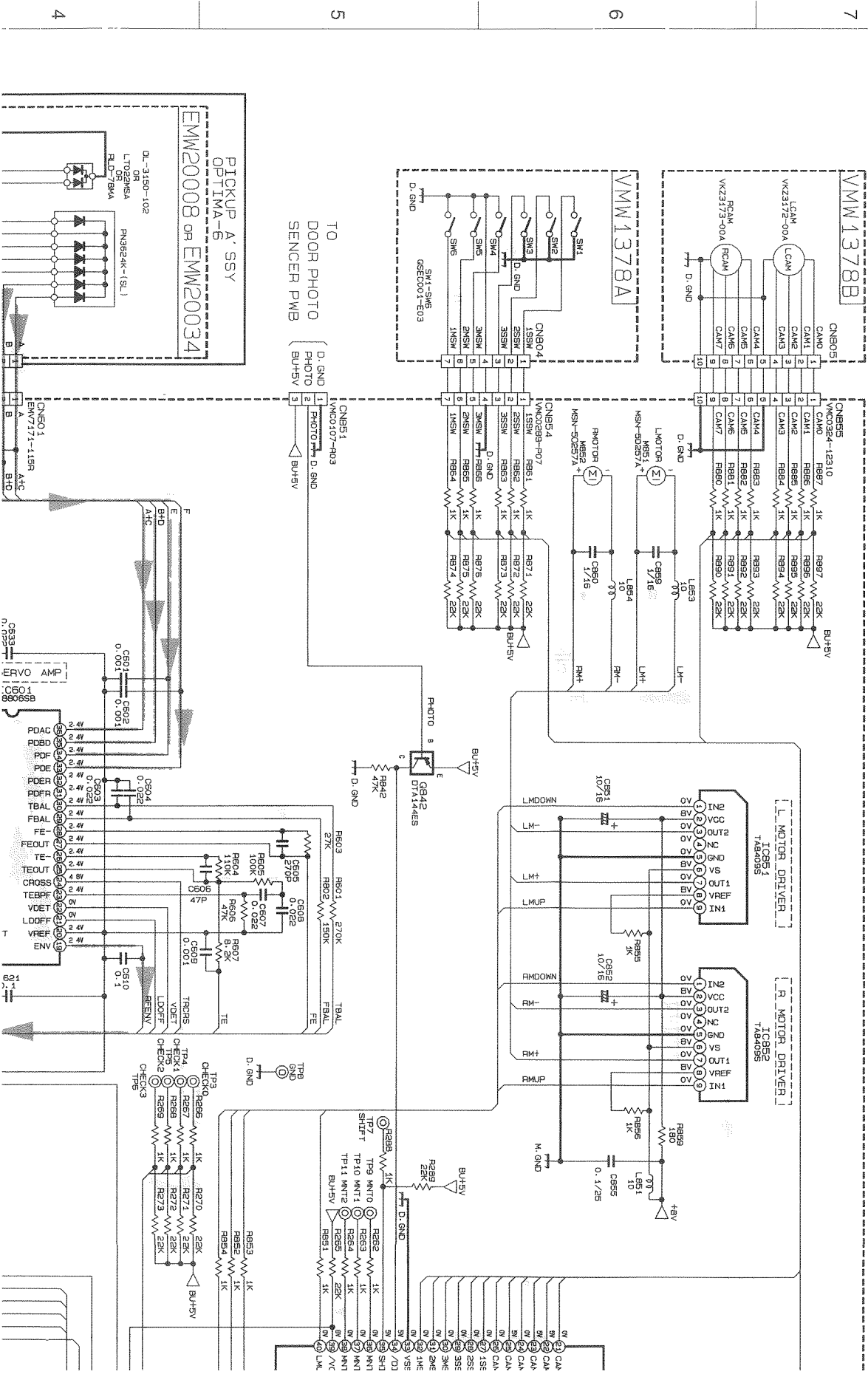
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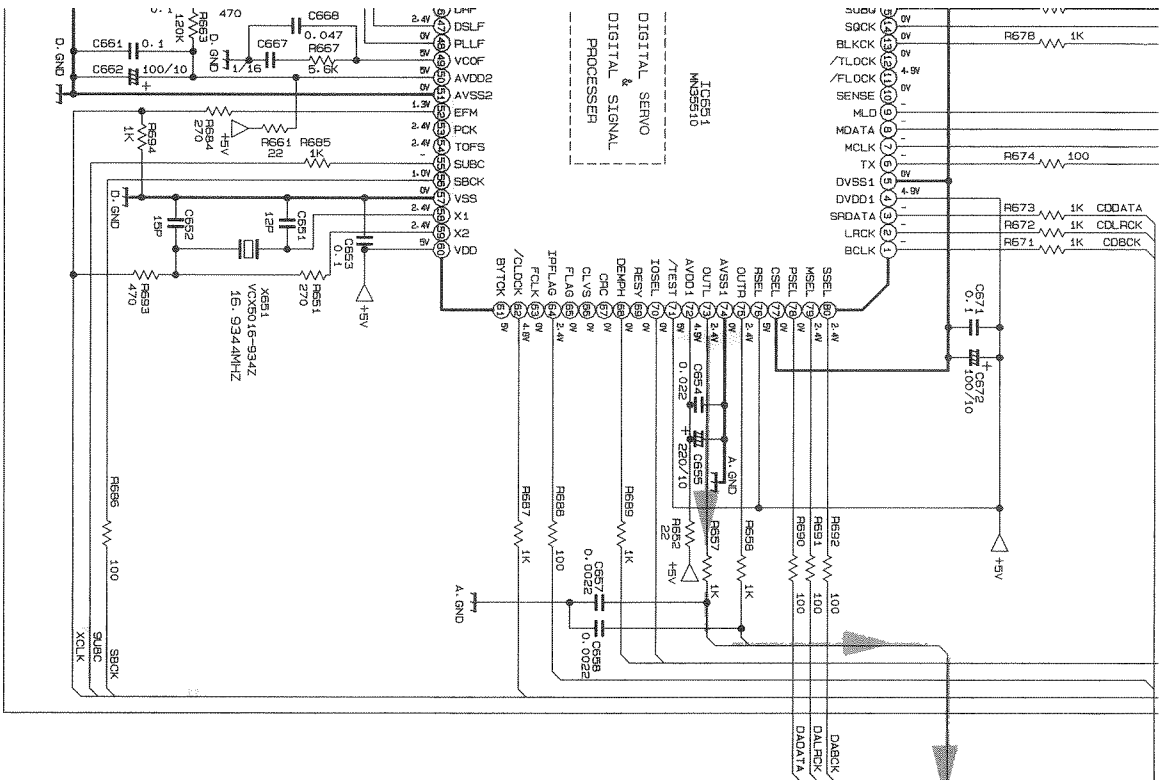
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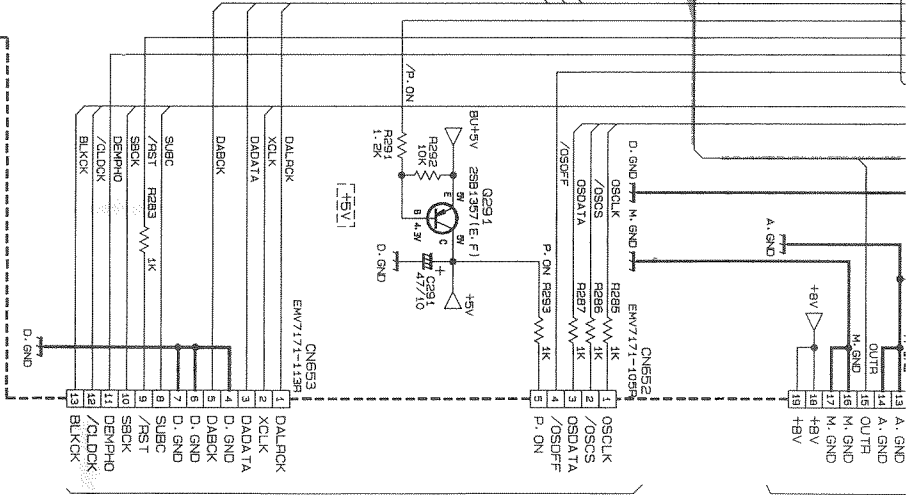
4

Standard Schematic Diagrams ■ CD Servo & Mechanism Control Circuit (VC3-2)





EMW10729



(SHEET / 11)

DON'T USE

Playback signal

- NOTES
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER
 2. UNLESS OTHERWISE SPECIFIED, CONDITION: MODE : DISC1 STOP
- ALL RESISTOR ARE 1/10W ±5% METAL GLAZE RESISTOR,
 ALL CAPACITORS ARE 50V CERAMIC CAPACITOR OR 50V MYLAR CAPACITOR.
 ALL RESISTANCE VALUES ARE IN OHM (Ω).
 ALL CAPACITANCE VALUES ARE IN μF (P=PF).
 ALL INDUCTANCE VALUES ARE IN HENRY(H).
 ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(μF)/RATED VOLTAGE (V).

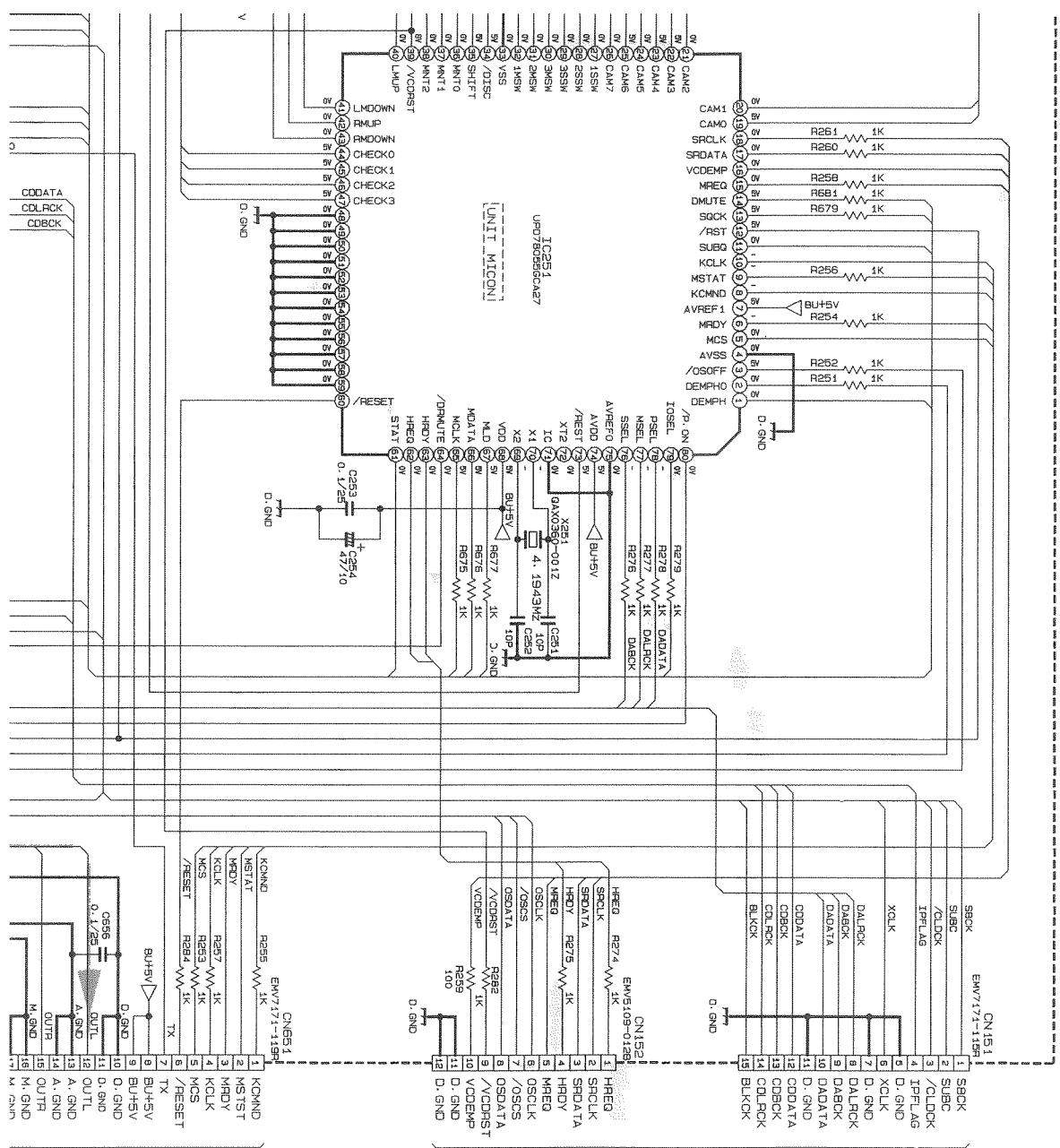
F

G

H

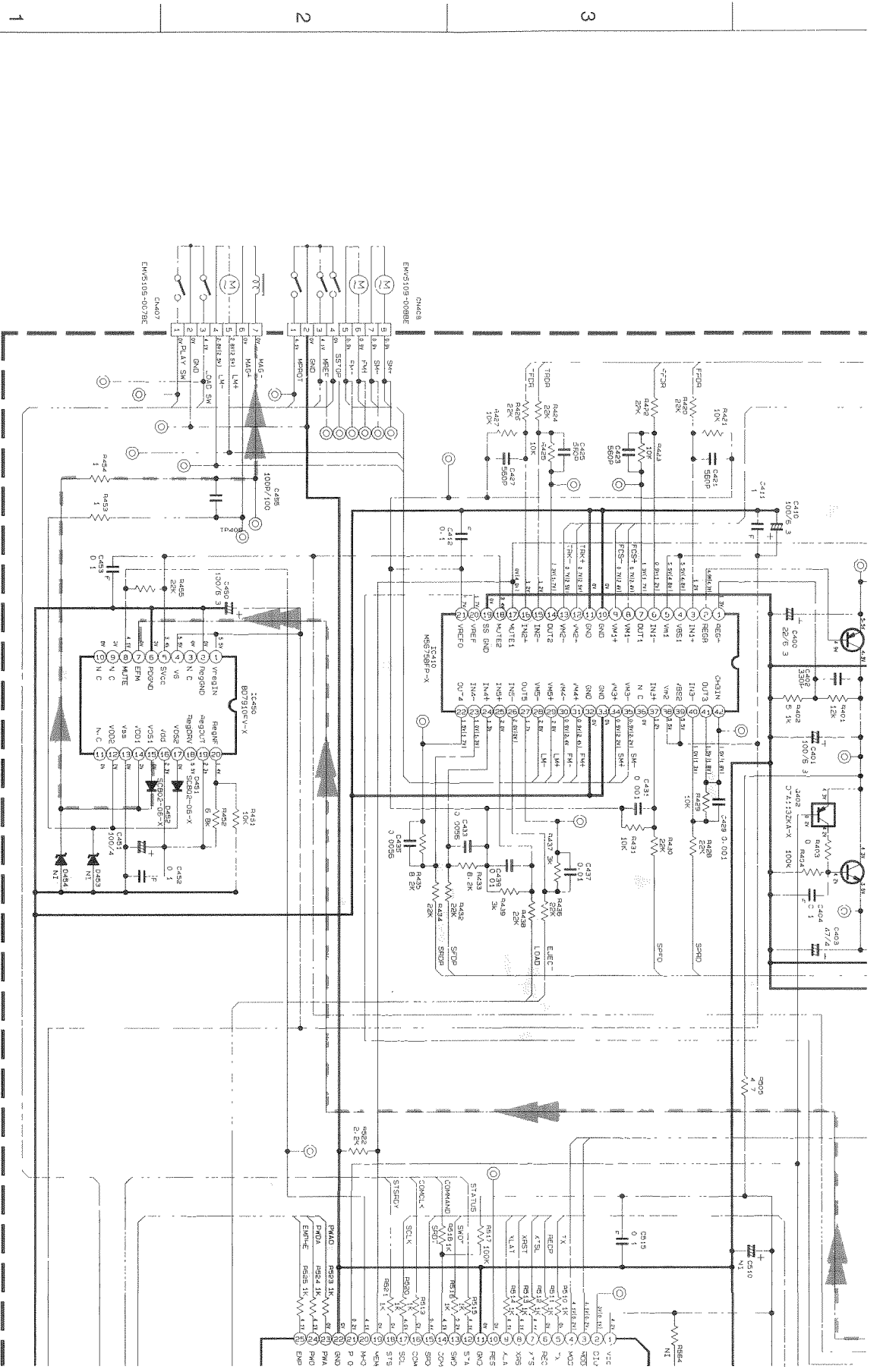
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J



DON'T USE

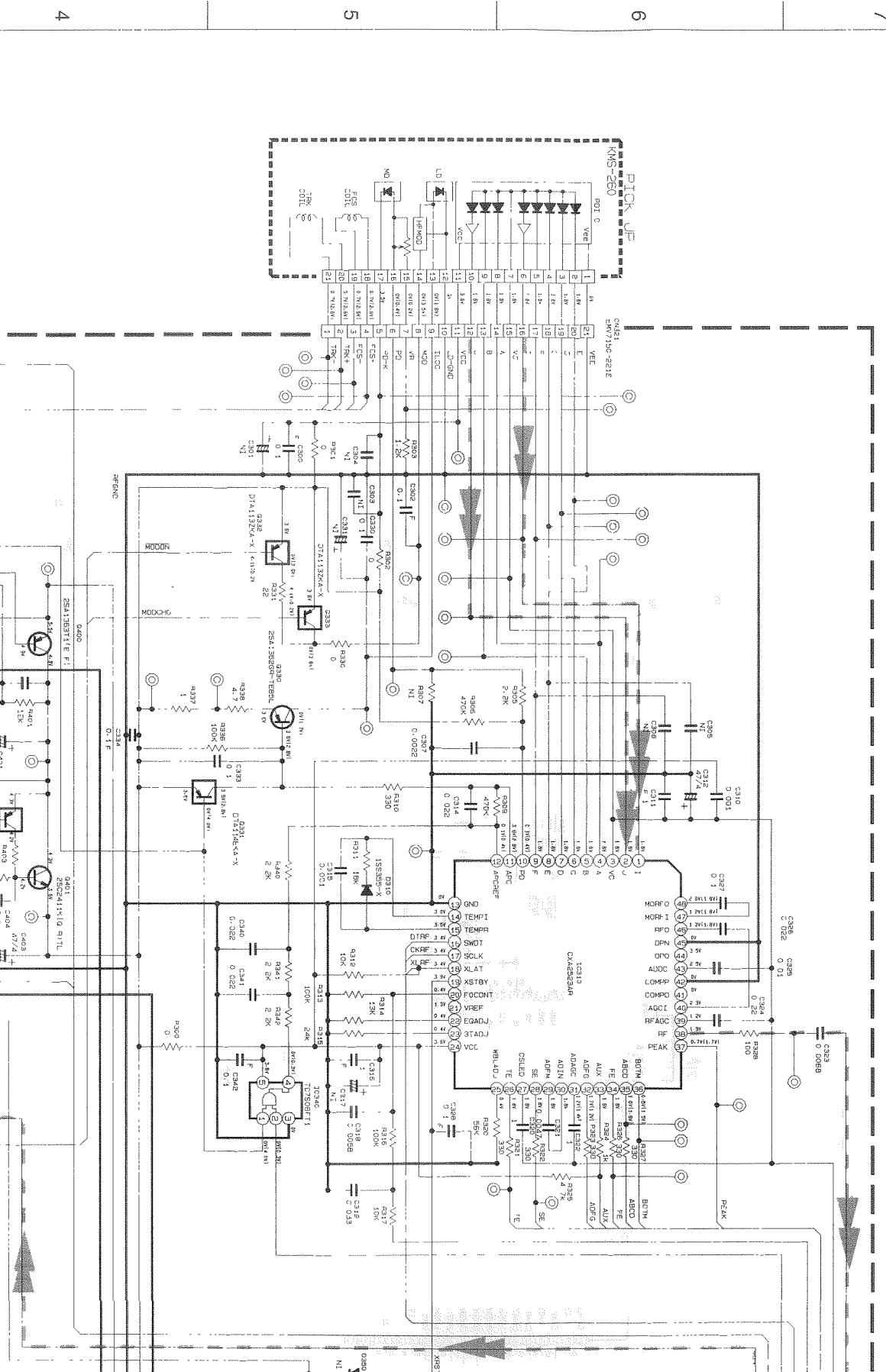
FROM CN410 OF
 FMC-021-1
 (SHEET / 11)



Digital out signal

Play

MD Servo & Mechanism Control Circuit (EMU-401A)

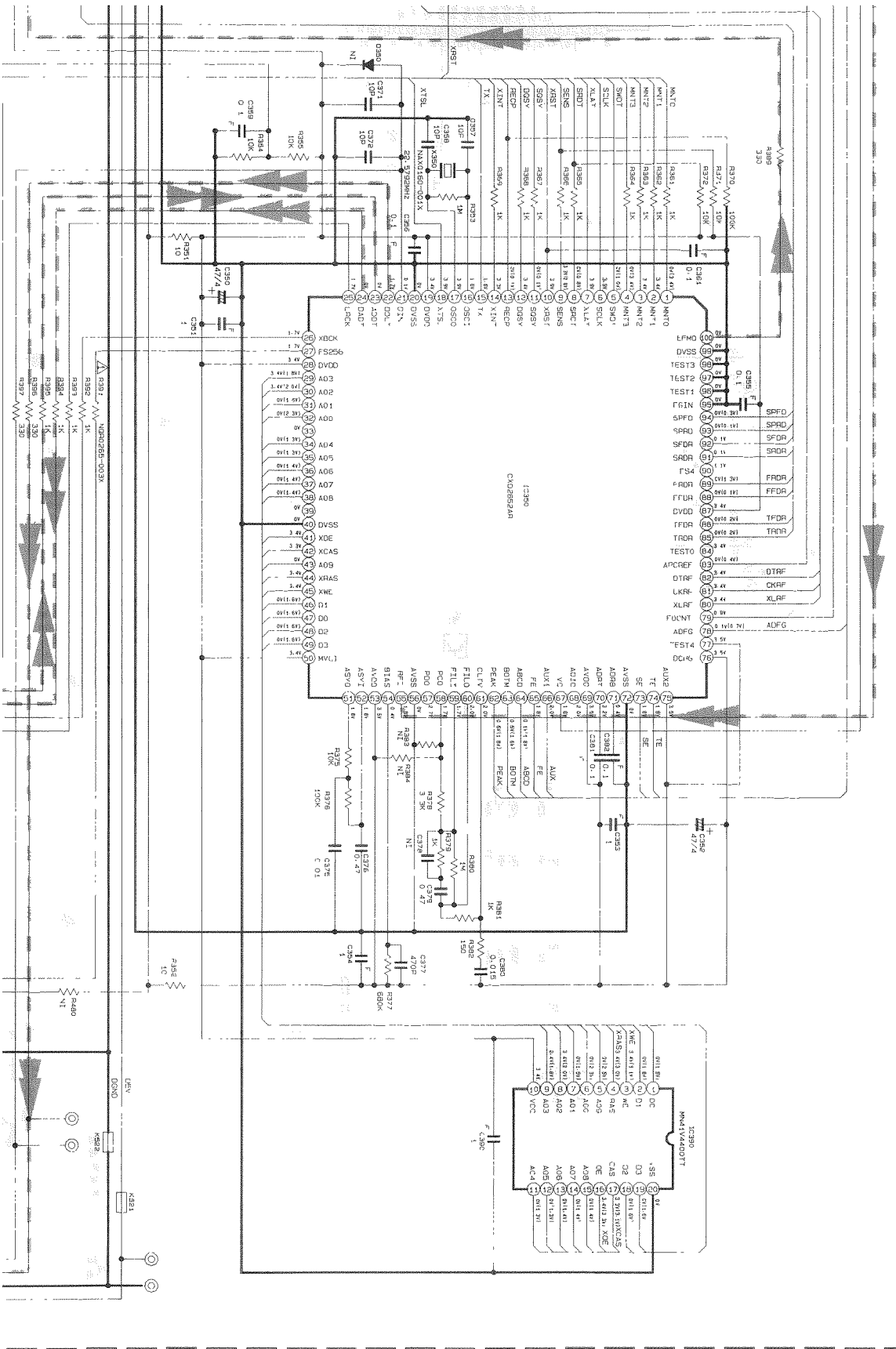


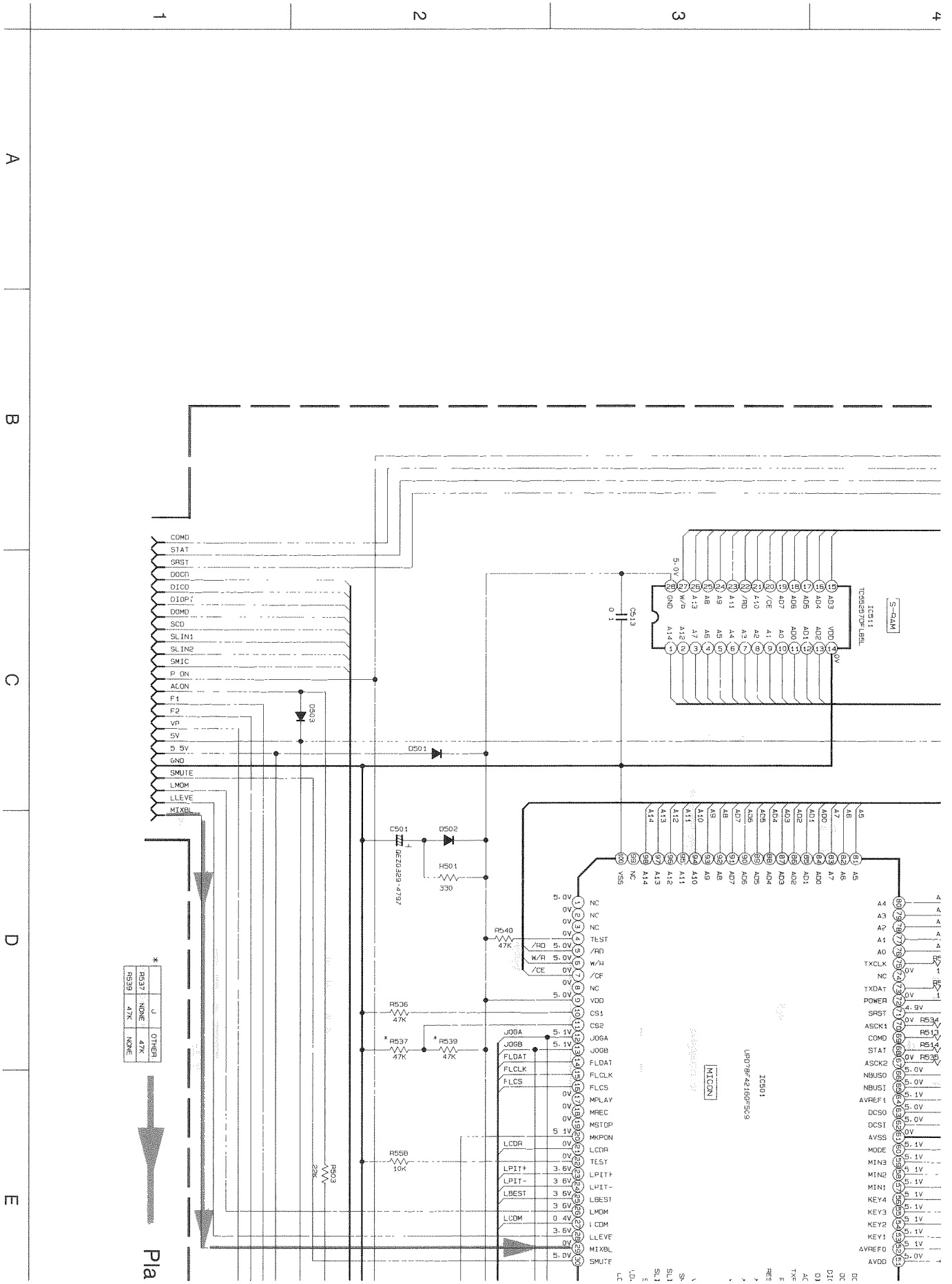
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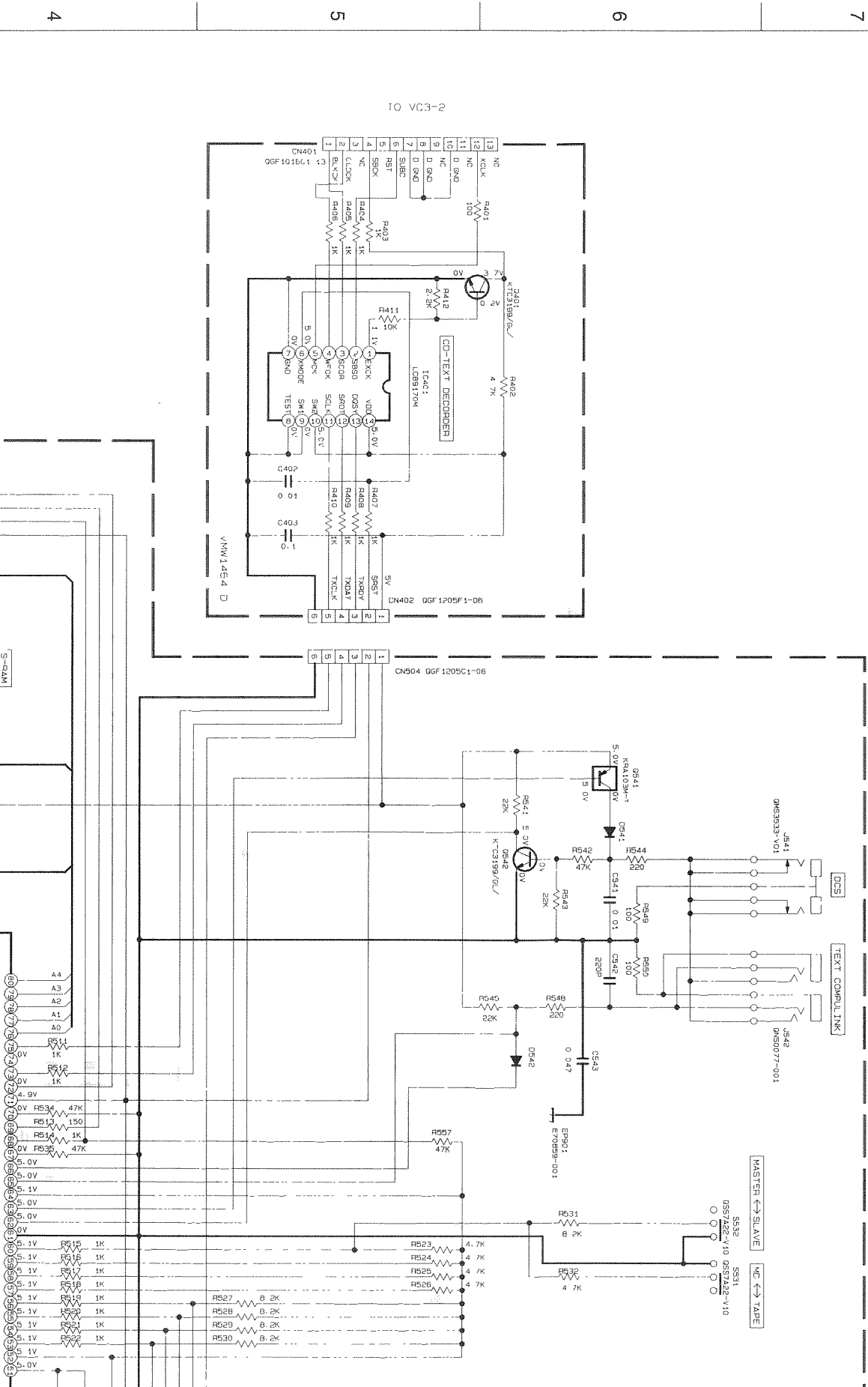


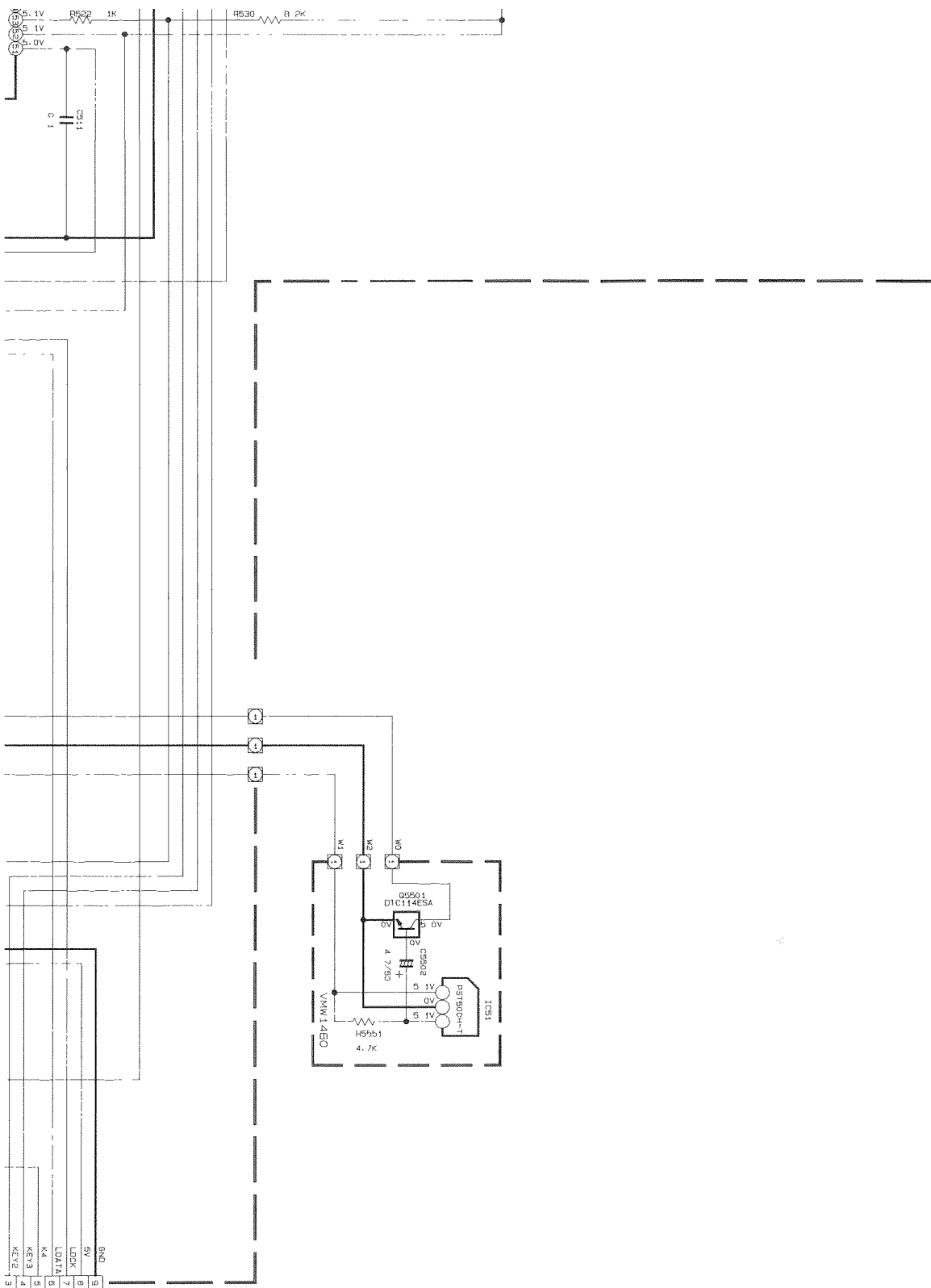


*		OTHER	
R537	NONE	47K	NONE
R538	47K	NONE	NONE

Pla

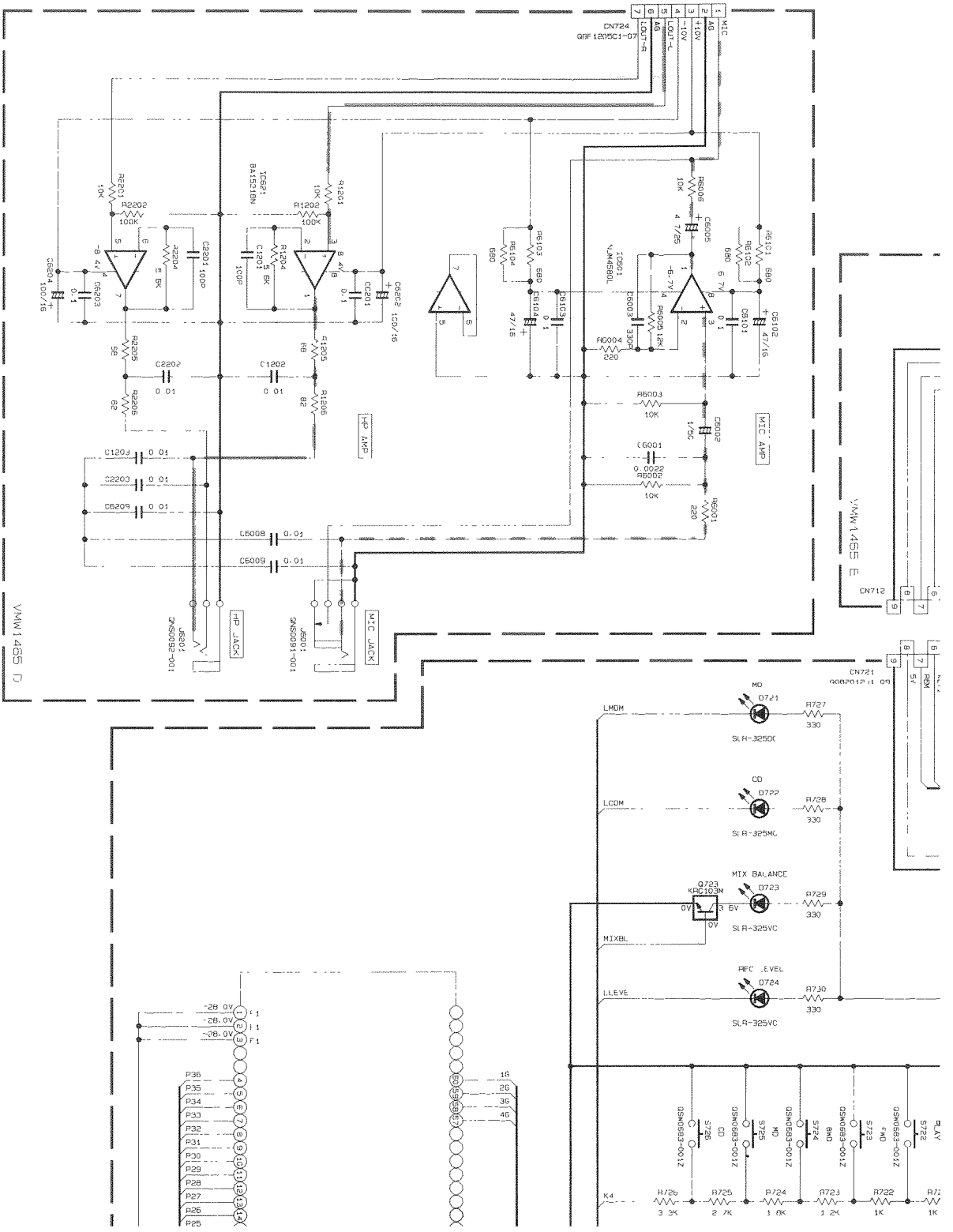
System CPU & CD-TEXT Circuit



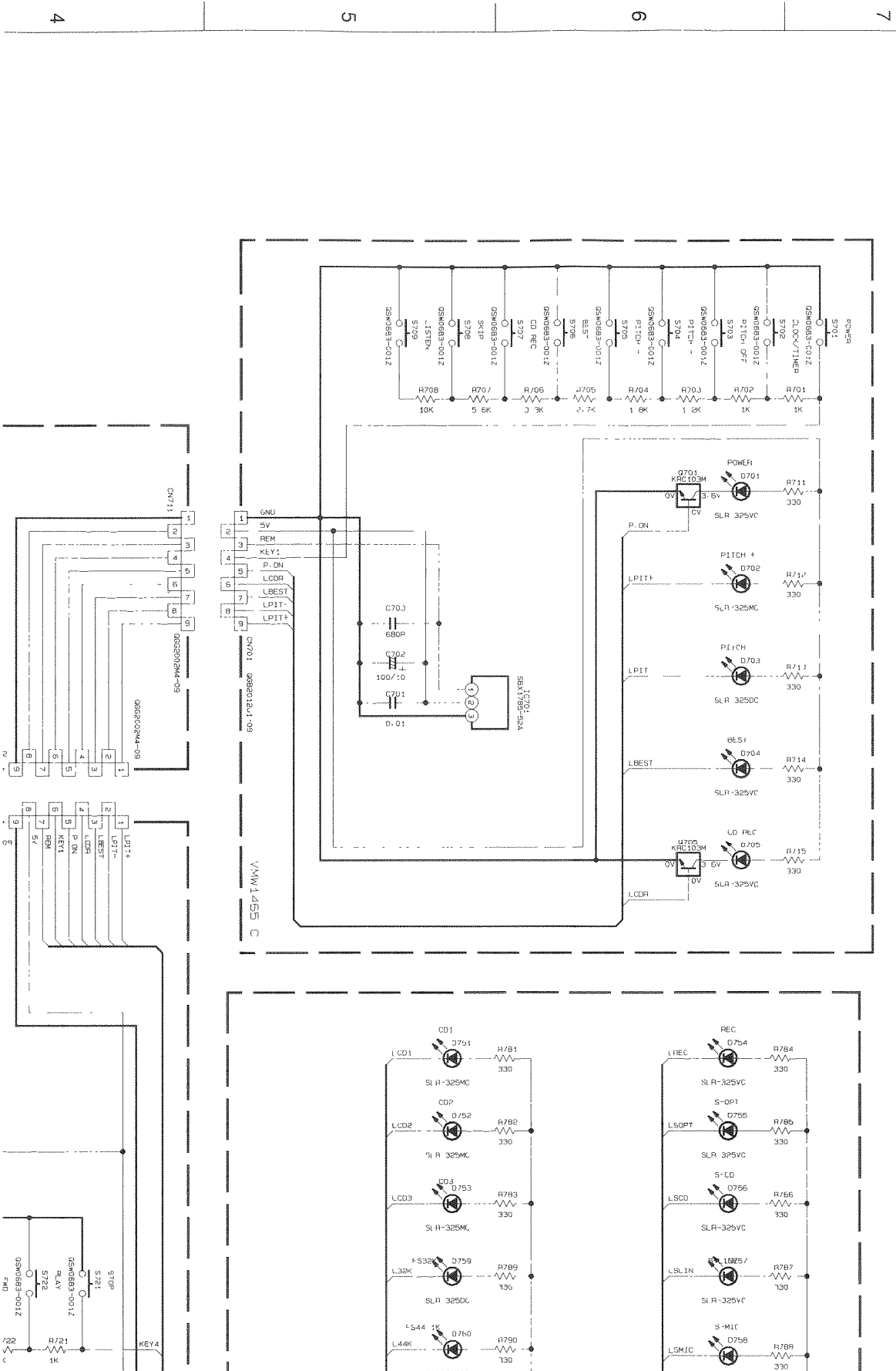


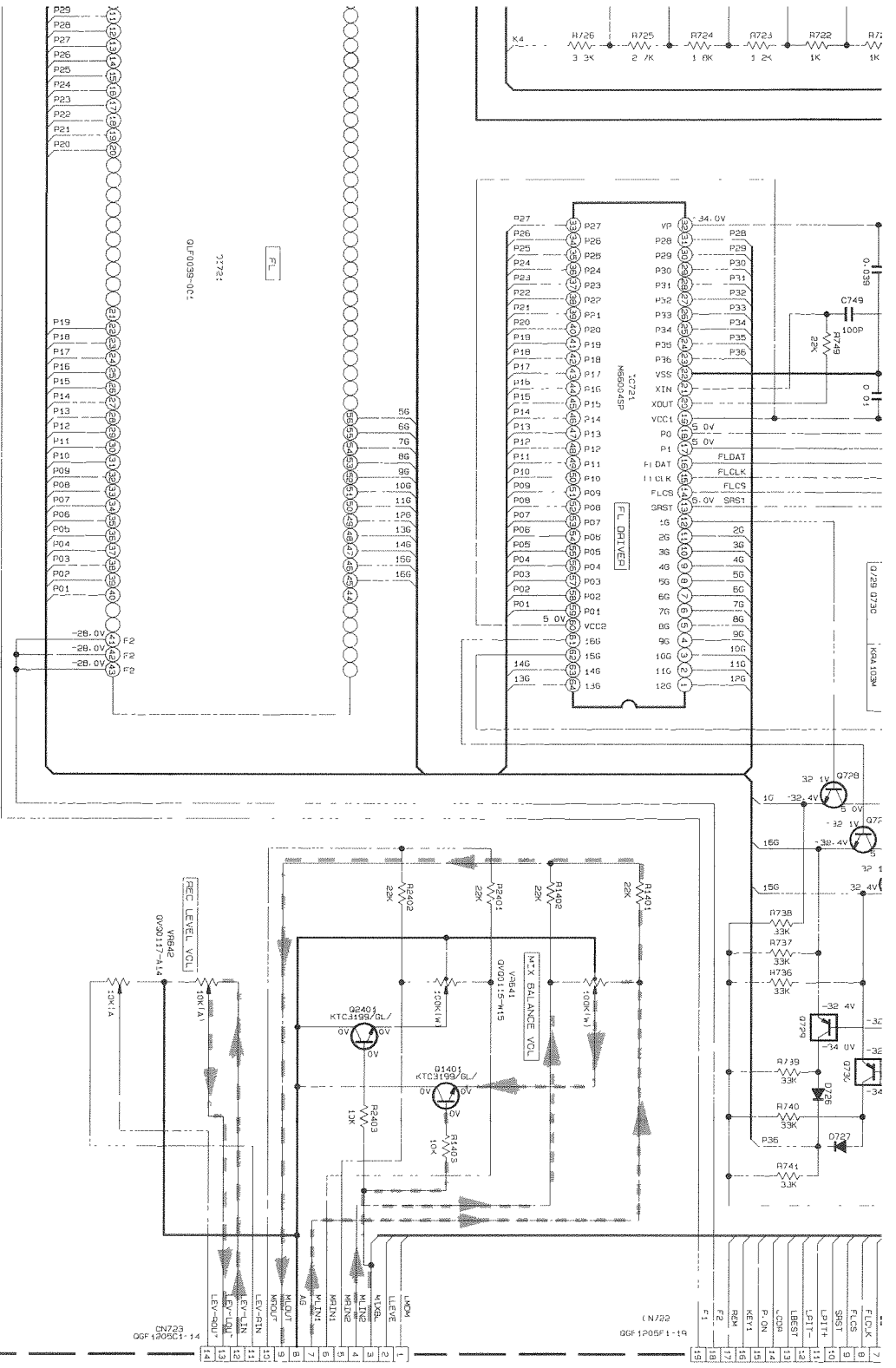
(V0H2360-002BV)

TO CN861 (VDH2350-002AV)



■ LCD Driver & Operation Switch Circuit





NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLTMETER WITHOUT INPUT SIGNAL.
2. UNLESS OTHERWISE SPECIFIED.

CONDITION ---CO1 PLAY MODE

ALL RESISTORS ARE 1/8W ±5% CARBON RESISTOR

ALL CAPACITANCE VALUES ARE IN OHMS (Ω)

ALL CAPACITANCE VALUES ARE IN PICO (pF)

ALL CAPACITANCE VALUES ARE IN MICRO (μF)

ALL CAPACITANCE VALUES ARE IN NANO (nF)

ALL CAPACITANCE VALUES ARE IN FARAD (F)

ALL CAPACITANCE VALUES ARE IN KILO (kF)

ALL CAPACITANCE VALUES ARE IN MEGA (MF)

ALL CAPACITANCE VALUES ARE IN GIGA (GF)

ALL CAPACITANCE VALUES ARE IN TERA (TF)

ALL CAPACITANCE VALUES ARE IN PETA (PF)

ALL CAPACITANCE VALUES ARE IN EXA (EF)

ALL CAPACITANCE VALUES ARE IN ZETTA (ZF)

ALL CAPACITANCE VALUES ARE IN YOTTA (YF)

ALL CAPACITANCE VALUES ARE IN SEPTA (SF)

ALL CAPACITANCE VALUES ARE IN OCTA (OF)

ALL CAPACITANCE VALUES ARE IN NONA (NF)

ALL CAPACITANCE VALUES ARE IN DECIMA (DF)

ALL CAPACITANCE VALUES ARE IN UNDECIMA (UF)

ALL CAPACITANCE VALUES ARE IN DUODECIMA (DF)

ALL CAPACITANCE VALUES ARE IN TREDECIMA (TF)

ALL CAPACITANCE VALUES ARE IN QUADRAGESIMA (QF)

ALL CAPACITANCE VALUES ARE IN QUINGENTESIMA (QF)

ALL CAPACITANCE VALUES ARE IN SEXAGESIMA (SF)

ALL CAPACITANCE VALUES ARE IN SEPTAGESIMA (SF)

ALL CAPACITANCE VALUES ARE IN OCTAGESIMA (OF)

ALL CAPACITANCE VALUES ARE IN NONAGESIMA (NF)

ALL CAPACITANCE VALUES ARE IN CENTESIMA (CF)

ALL CAPACITANCE VALUES ARE IN TRICESIMA (TF)

ALL CAPACITANCE VALUES ARE IN QUARTESIMA (QF)

ALL CAPACITANCE VALUES ARE IN QUINQUESIMA (QF)

ALL CAPACITANCE VALUES ARE IN SEXAGESIMA (SF)

ALL CAPACITANCE VALUES ARE IN SEPTAGESIMA (SF)

ALL CAPACITANCE VALUES ARE IN OCTAGESIMA (OF)

ALL CAPACITANCE VALUES ARE IN NONAGESIMA (NF)

ALL CAPACITANCE VALUES ARE IN CENTESIMA (CF)

ALL CAPACITANCE VALUES ARE IN TRICESIMA (TF)

ALL CAPACITANCE VALUES ARE IN QUARTESIMA (QF)

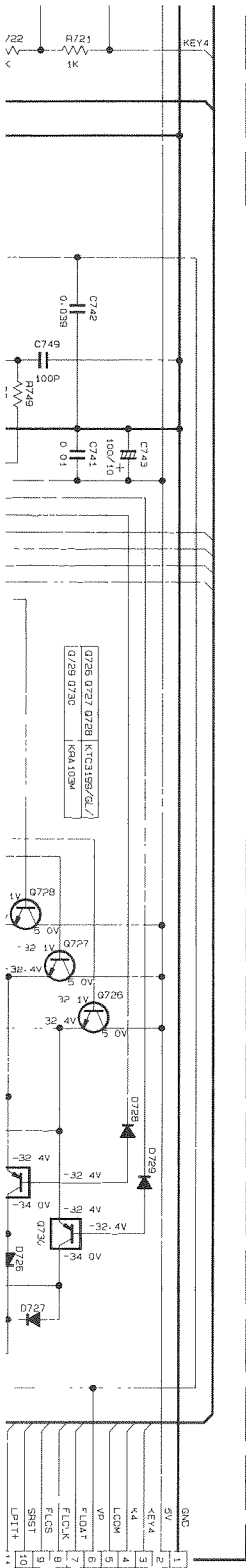
ALL CAPACITANCE VALUES ARE IN QUINQUESIMA (QF)

Playback signal

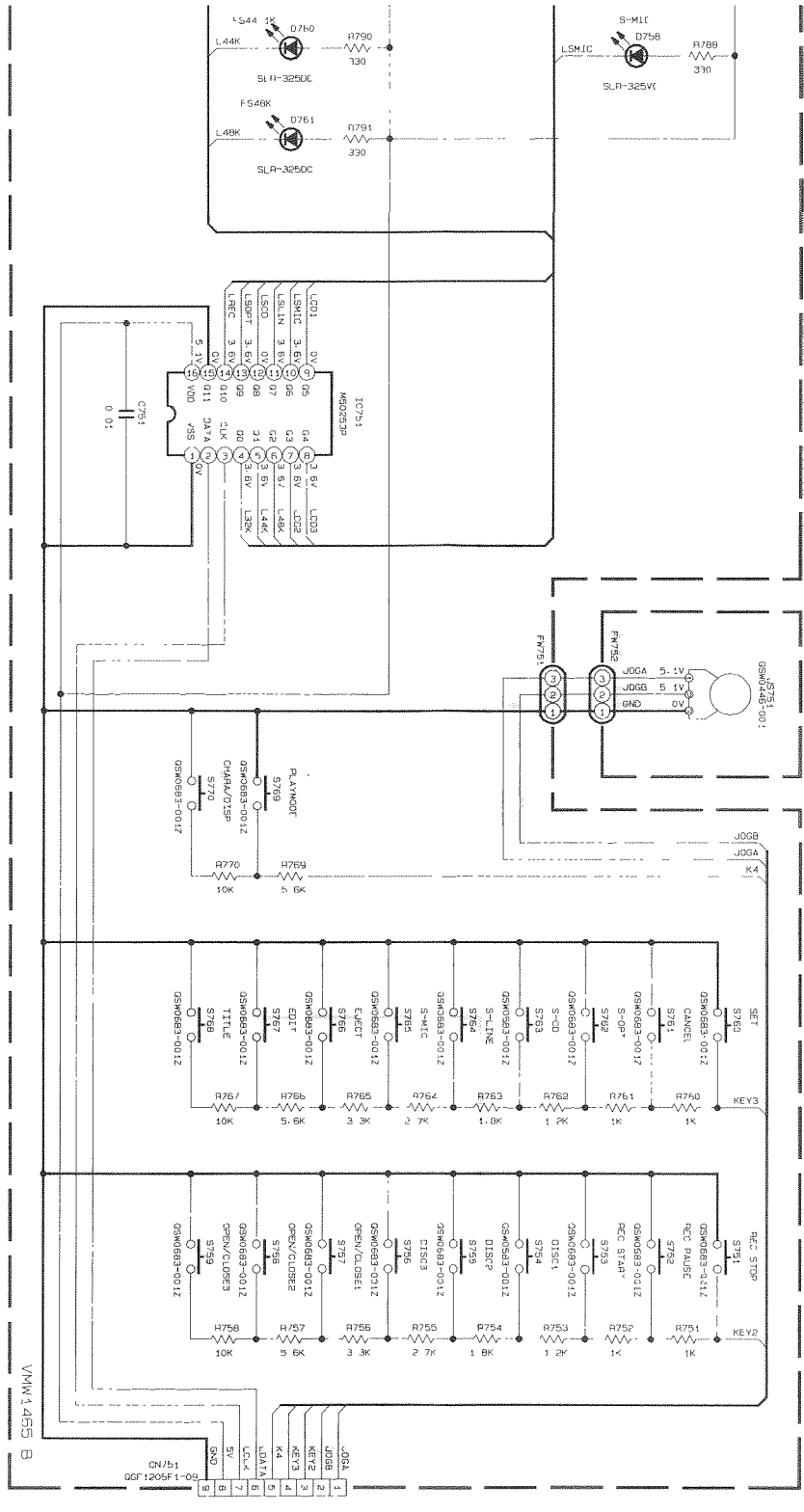
Recording signal

10 CN841 (VDH2360-002AV)

10 CN501 (VDH2360-001AV)



(VDH2360-002CV)



TO CN50(V)H2360-002CV

4

3

2

1

TO VC3-2

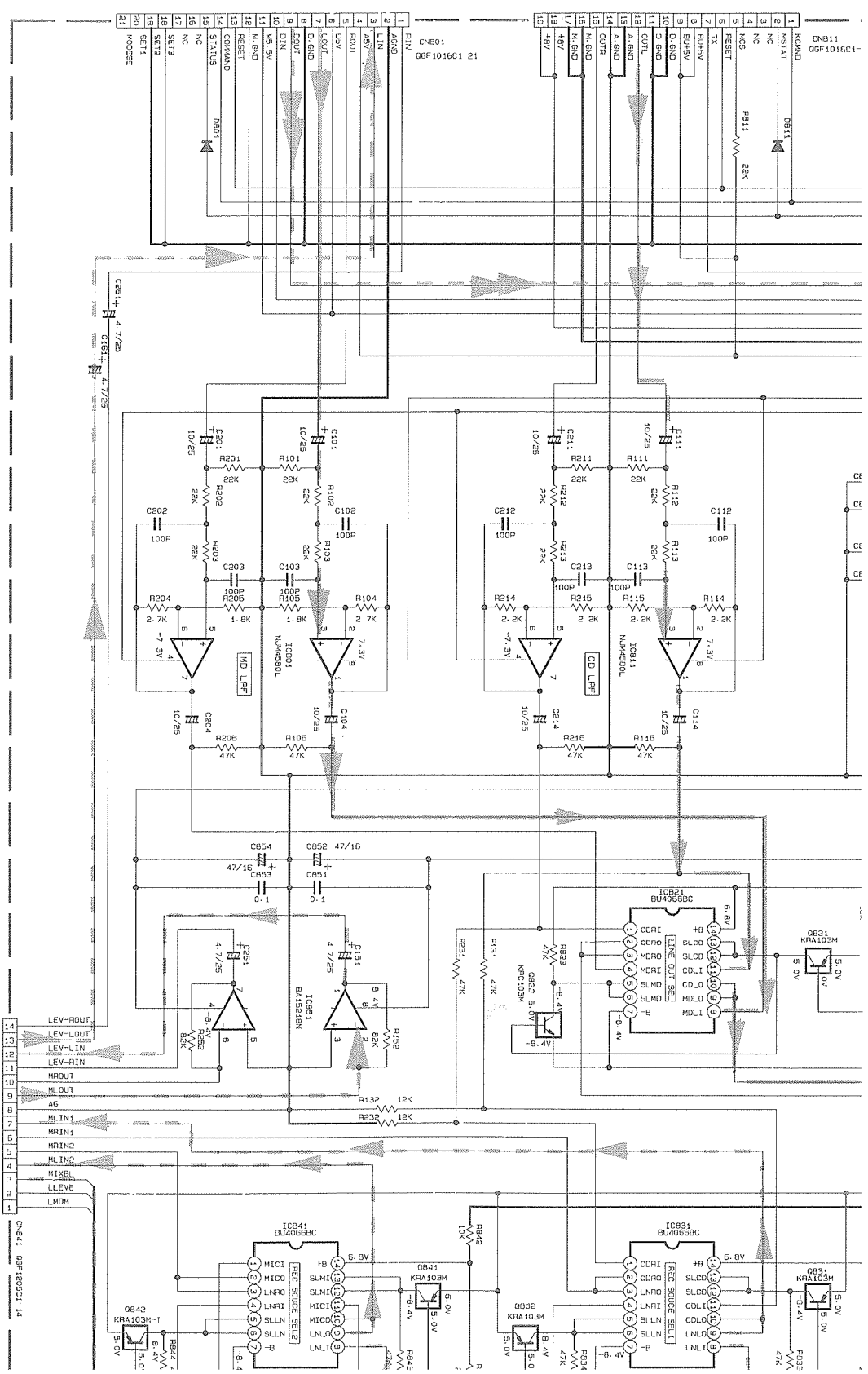
TO EMU-401A

TO CN7231 (VD-2360-0028V1)

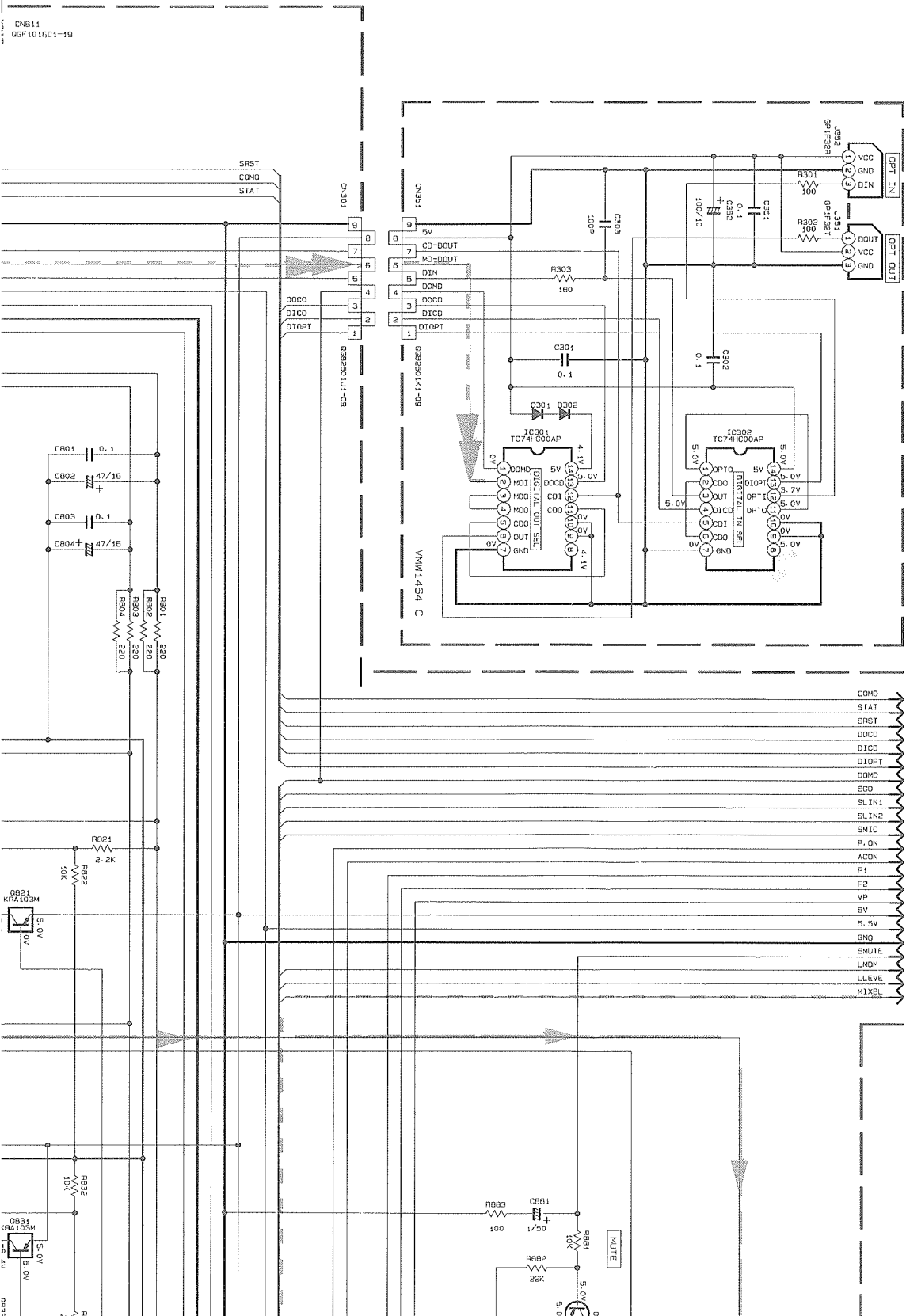
Playback signal
Recording signal

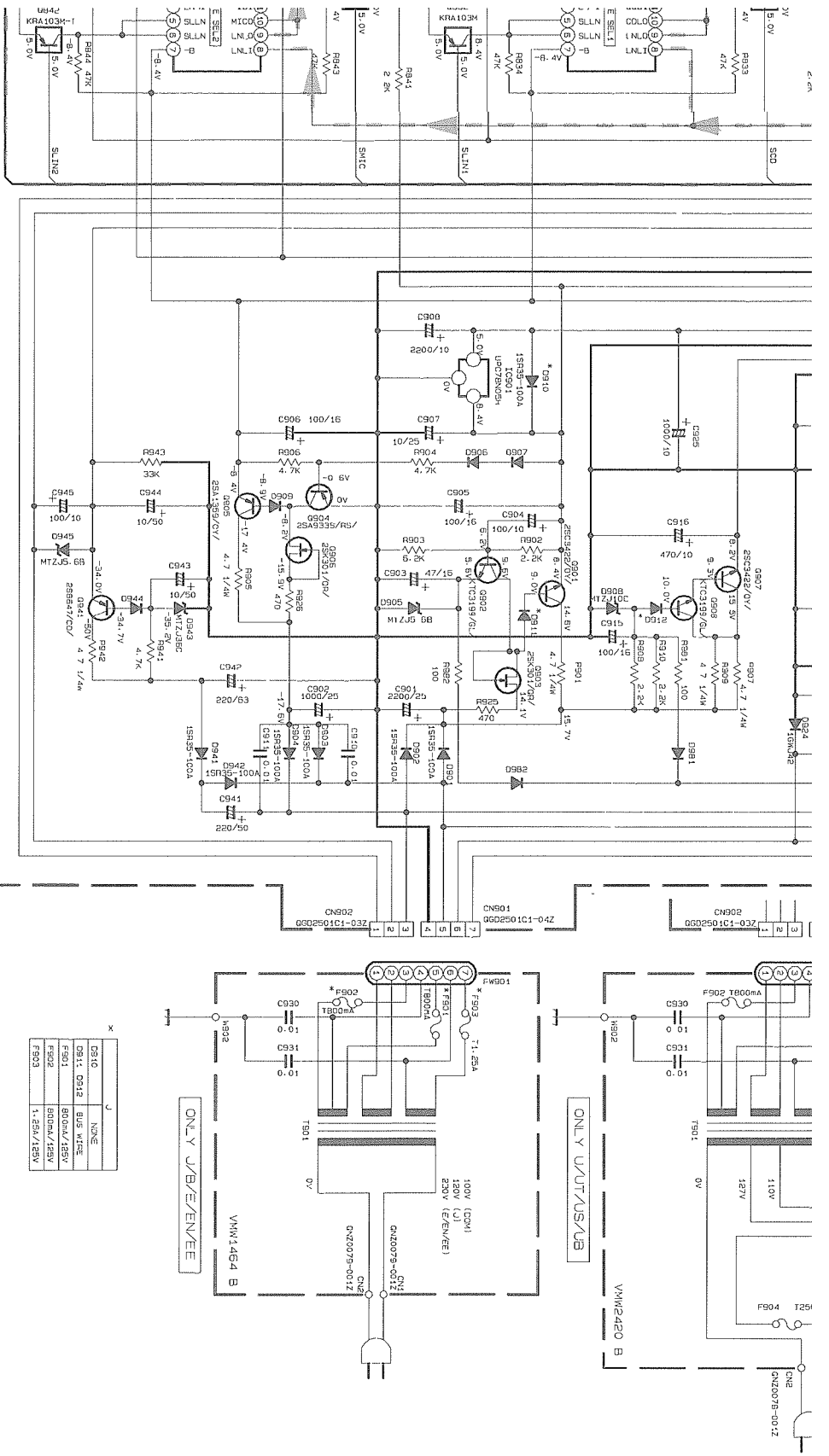
Digital out signal

A B C D E



Power Supply & Line Amplifier Circuit





NOTES

1. VOLTAGES ARE DC-KCASRSED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL.
- CONDITION --- CO1 PLAY MODE
2. UNLESS OTHERWISE SPECIFIED.
- ALL RESISTORS ARE 1/8W ±5% CARBON RESISTOR.
- ALL RESISTANCE VALUES ARE IN OHMS (Ω).
- ALL CAPACITANCE VALUES ARE IN μF (μF).
- ALL CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (μF)/RATED VOLTAGE (V).
- ALL DIODES ARE 1S8133

14

VVM-1484 A

VVM-2420 B

VVM-1484 B

ONLY U/B/E/V/EE

ONLY U/U/T/U/S/U/B

F G H I J

T0 CN724 (VDH2350-002BV) 1

