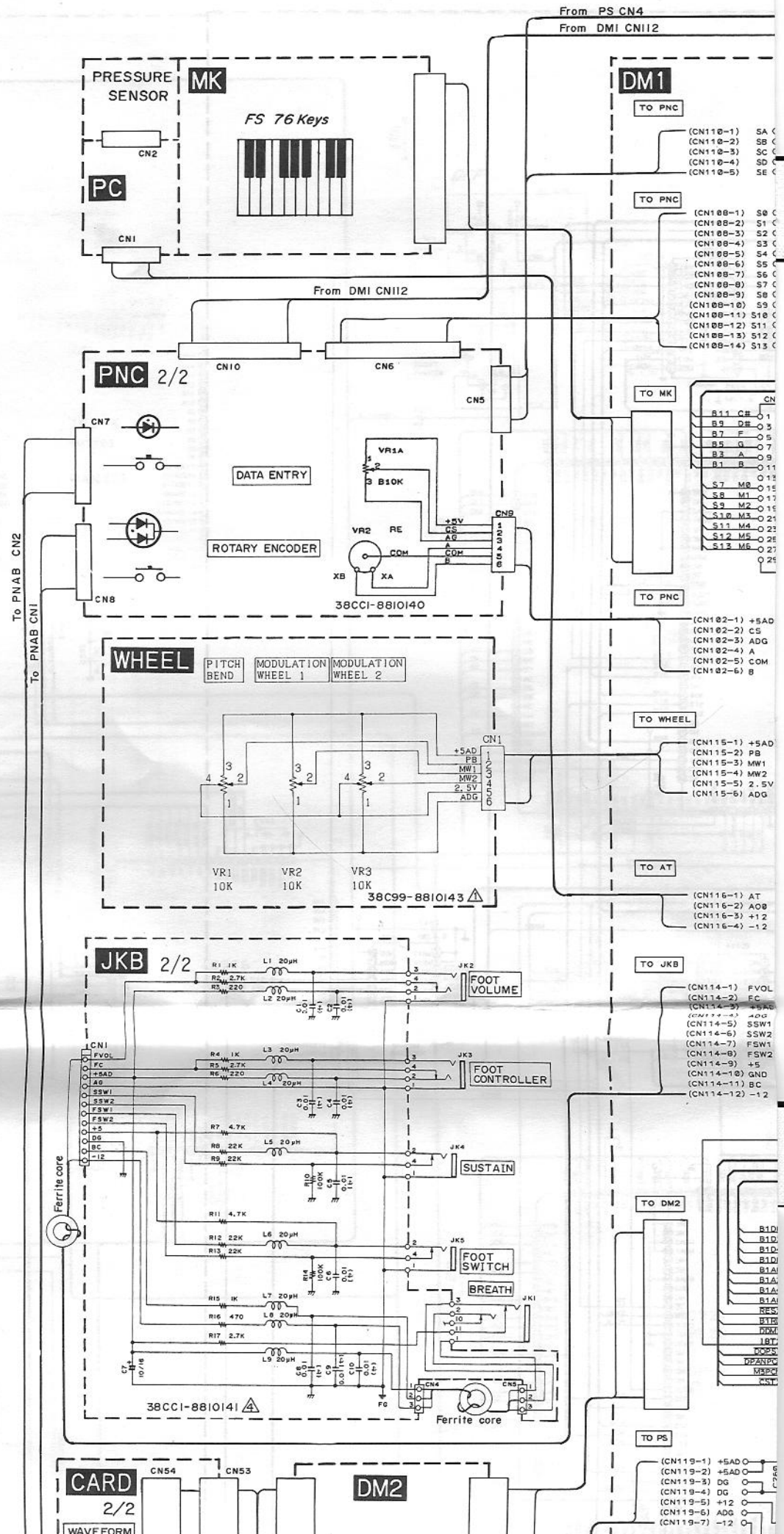
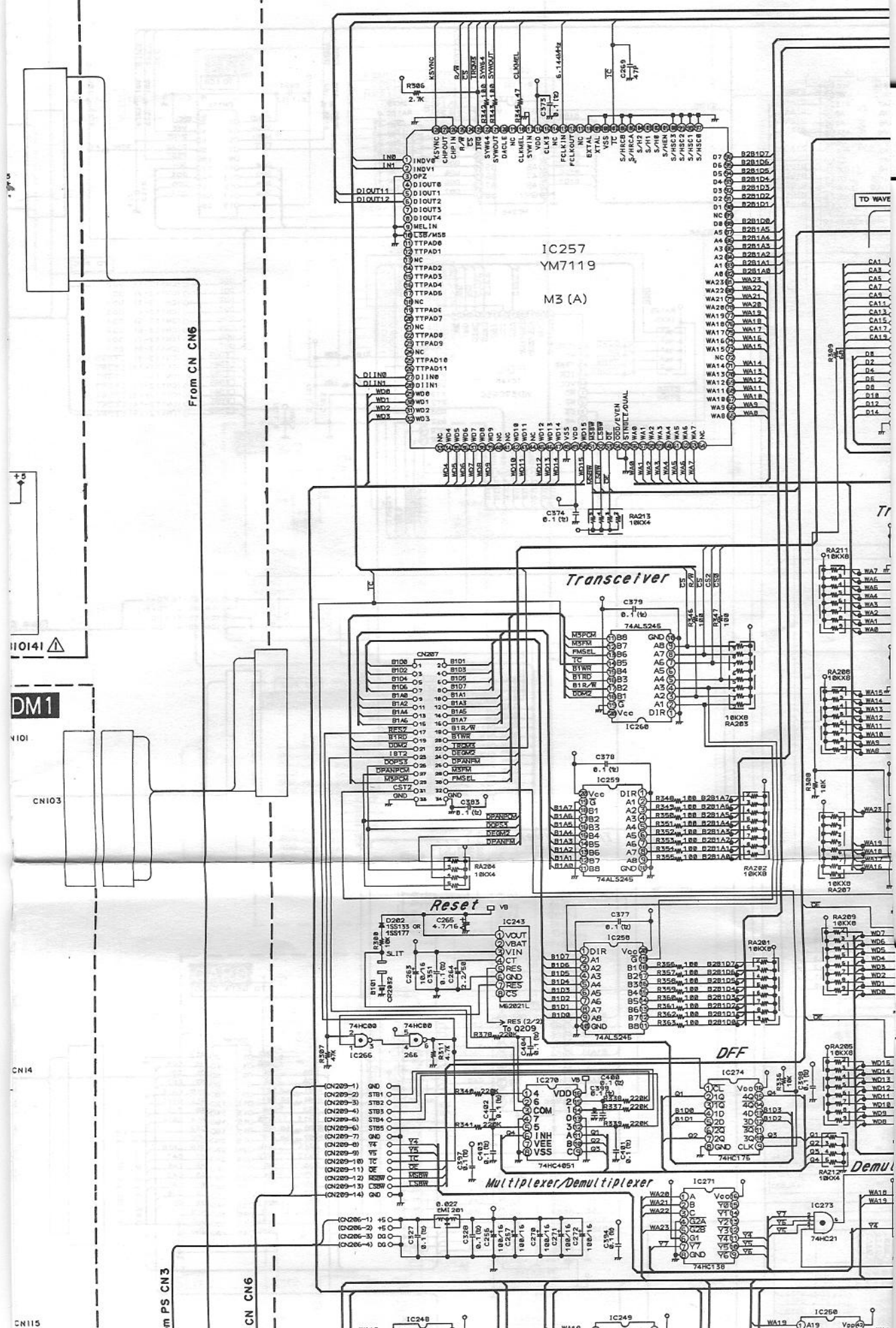


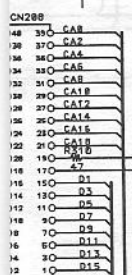
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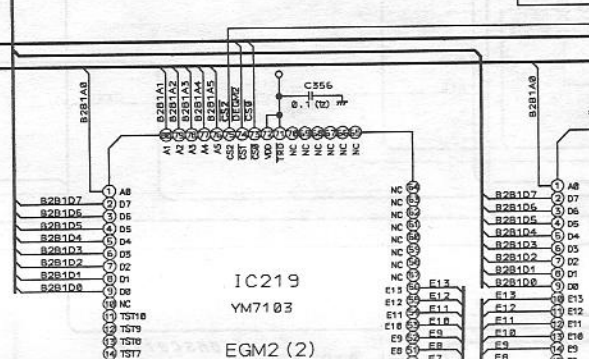
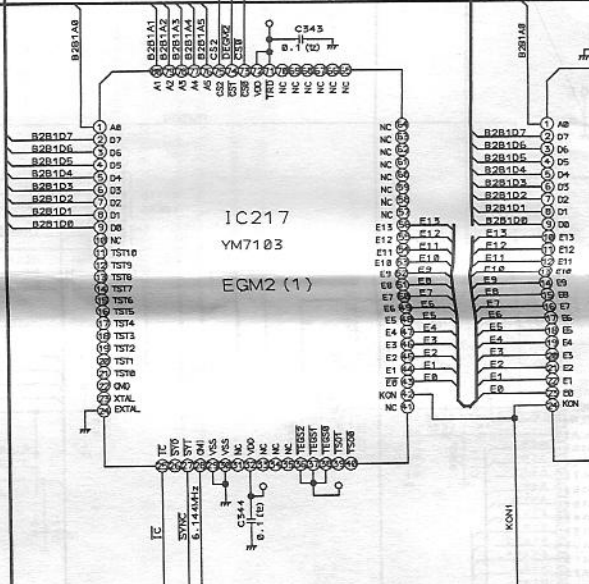
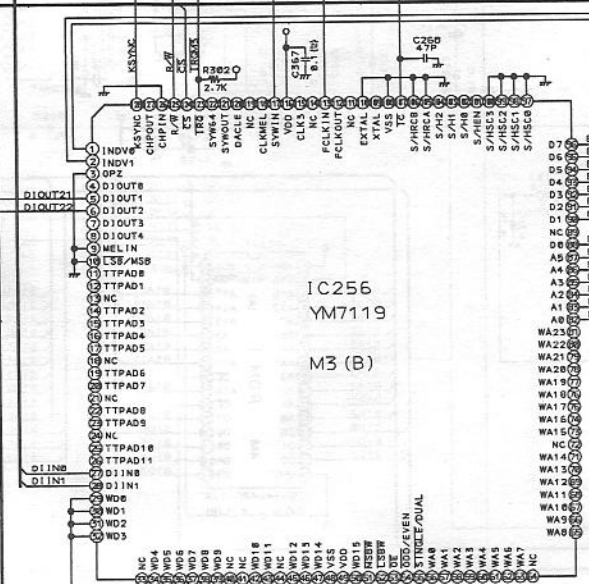
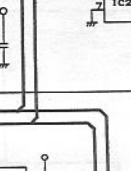
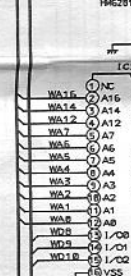
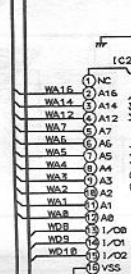
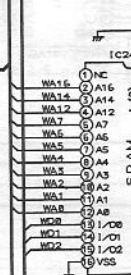
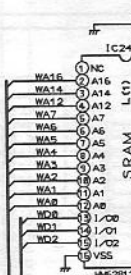
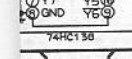
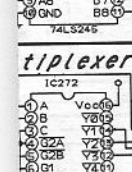
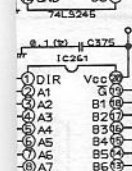
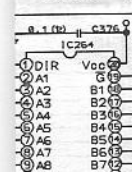
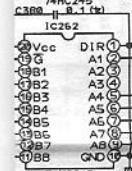
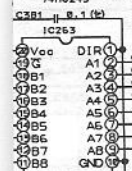
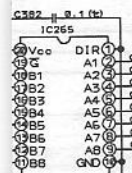
DM2 1/2



FORM

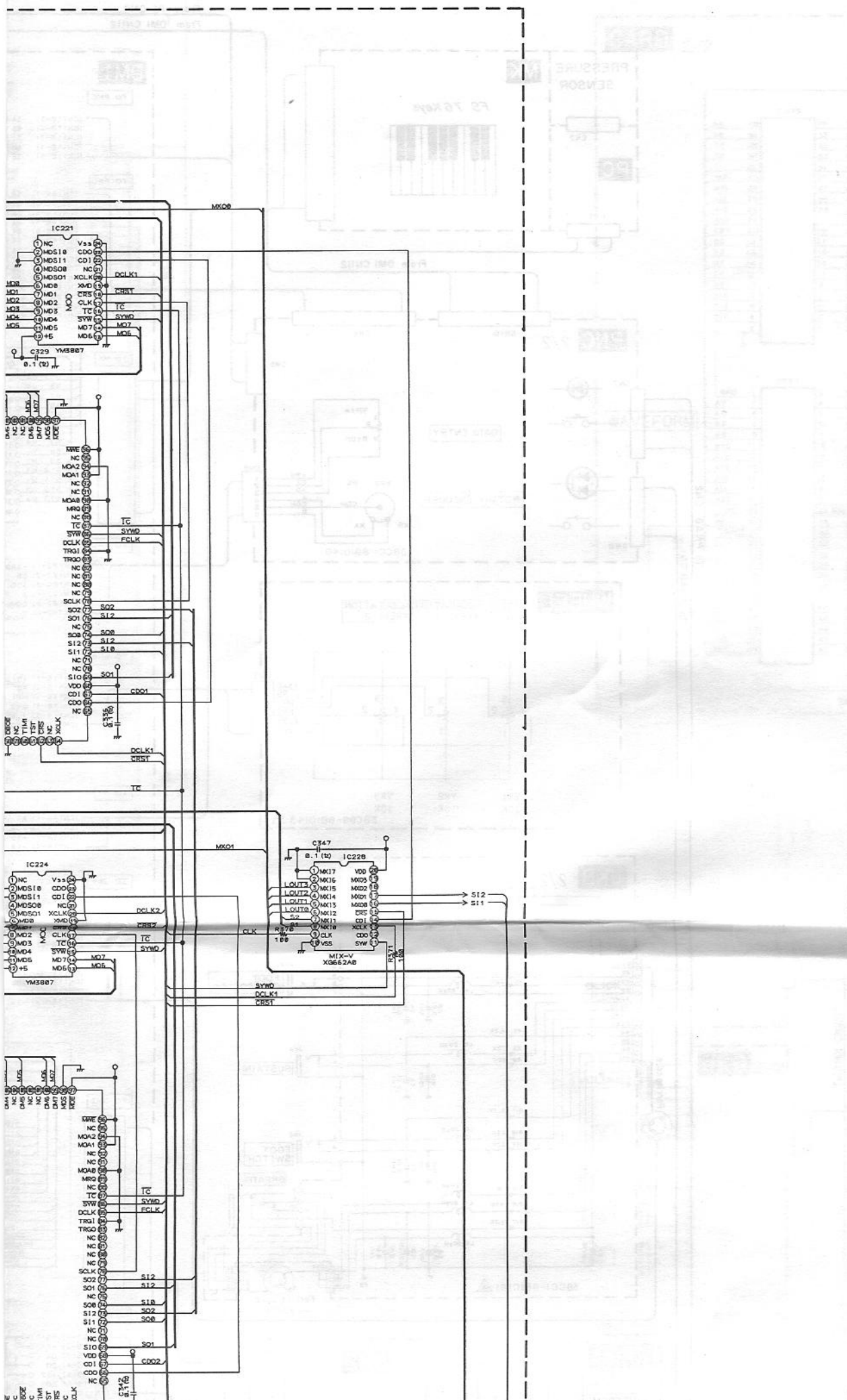


*answer*



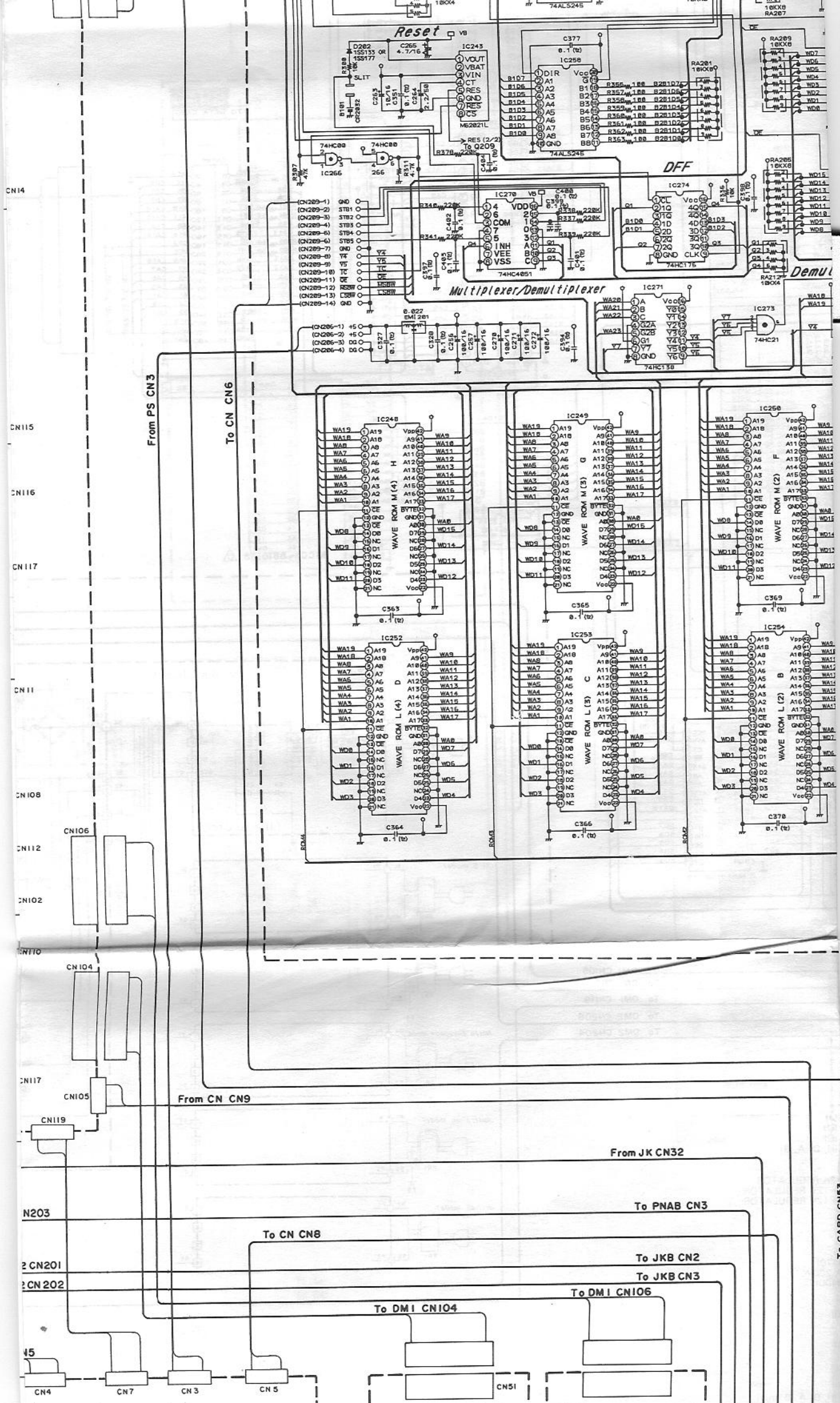






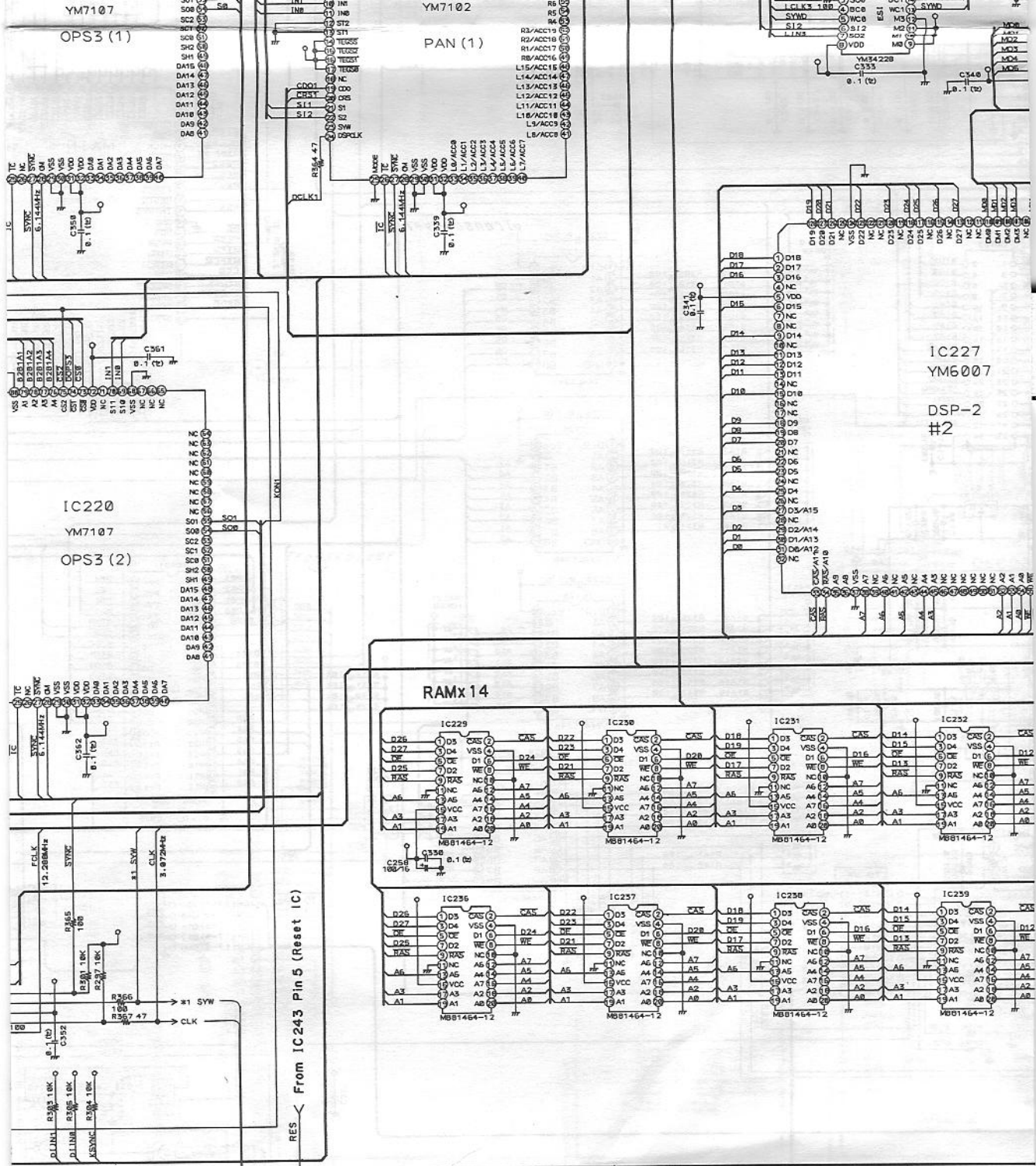










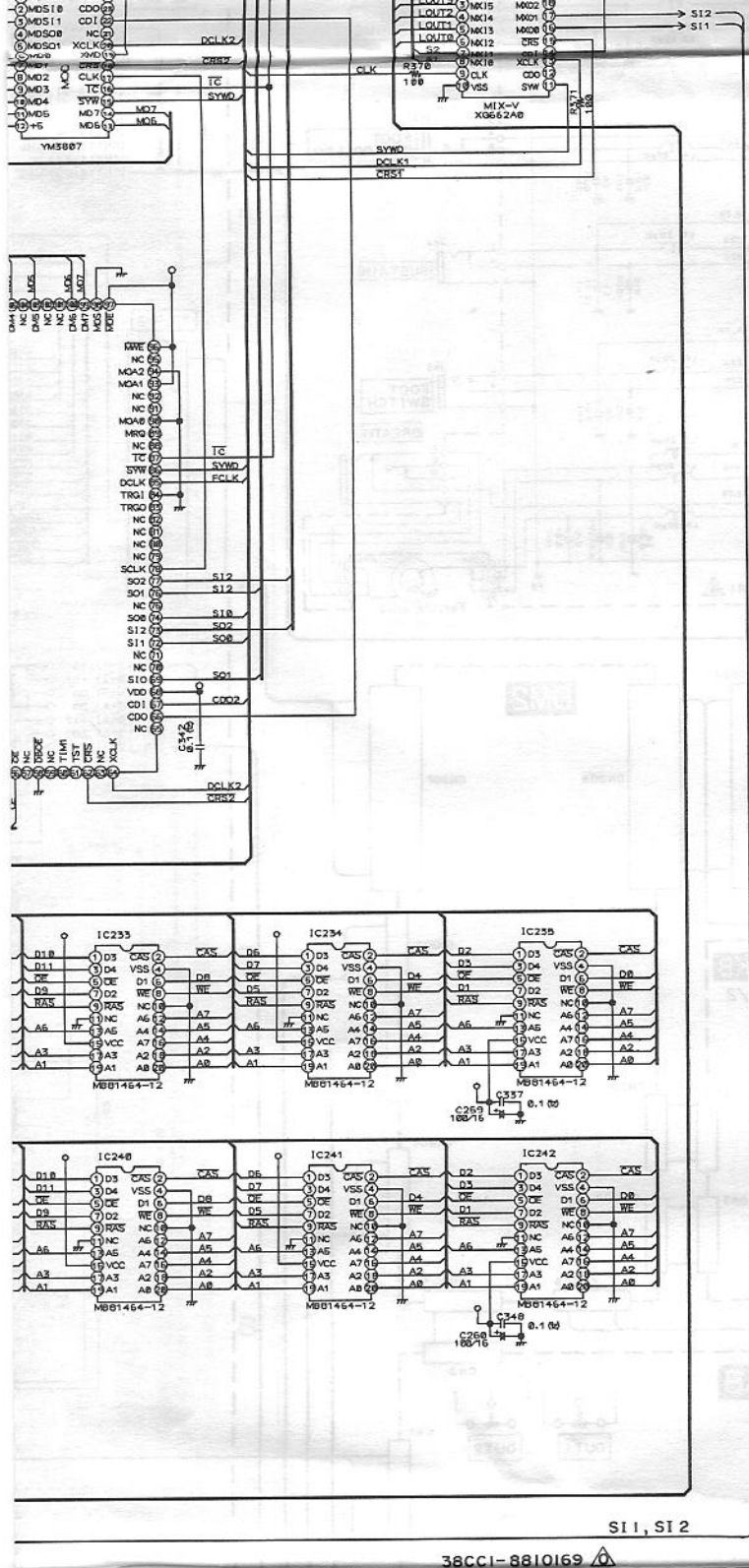


# Notes)

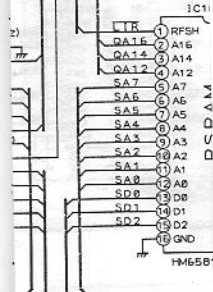
Circuit Board:

DM2 (VK287500) XJ555B0

- IC  
 IC201: NJM4556 (IG042500) OP A  
 IC202 ~ 205, 209 ~ 212, 214, 268, 269: M5238P R610 (XJ748A00)  
 IC206: YM3029 (XF237A00) DAC  
 IC207: NJM79L05 (IG1305C0) -5  
 IC208: NJM78L05A (IG065510) +  
 IC210: PCM56P-Y (XH690A00) DA  
 IC211: YM7102 (XG996A00) PAN  
 IC212: YM7103 (XG993A00) EGM  
 IC213: YM7107 (XG994A00) OPS  
 IC214: YM3807 (XA902001) MOD  
 IC215: YM3422B (XE862B00) ES  
 IC216: LC9116A-483 (X1364A00)  
 IC217: YM6007 (XF164A00) DSP2  
 IC218: TMC57800N (XG662A00) I  
 IC219: MB81464-12PSZ (XD265A)  
 IC220: M62021L (XH970A00) RES  
 IC221: HM628128LP-10 (X1580A0)  
 IC222: TC538200P-H100 (X1735B)  
 IC223: MB838200-20P-G (X1734A)  
 IC224: MB838200-20P-G (X1733A)  
 IC225: MB838200-20P-G (X1732A)  
 IC226: TC538200P-H099 (X1731B)  
 IC227: LH538089 (X1730A00) RO  
 IC228: LH538088 (X1729A00) RO  
 IC229: M5238P R610 (XJ748A00)  
 IC230: YM3029 (XF237A00) DAC  
 IC231: NJM79L05 (IG1305C0) -5  
 IC232: NJM78L05A (IG065510) +  
 IC233: PCM56P-Y (XH690A00) DA  
 IC234: YM7102 (XG996A00) PAN  
 IC235: YM7103 (XG993A00) EGM  
 IC236: YM7107 (XG994A00) OPS  
 IC237: YM3807 (XA902001) MOD  
 IC238: YM3422B (XE862B00) ES  
 IC239: LC9116A-483 (X1364A00)  
 IC240: YM6007 (XF164A00) DSP2  
 IC241: TMC57800N (XG662A00) I  
 IC242: MB81464-12PSZ (XD265A)  
 IC243: M62021L (XH970A00) RES  
 IC244: HM628128LP-10 (X1580A0)  
 IC245: TC538200P-H100 (X1735B)  
 IC246: MB838200-20P-G (X1734A)  
 IC247: MB838200-20P-G (X1733A)  
 IC248: MB838200-20P-G (X1732A)  
 IC249: TC538200P-H099 (X1731B)  
 IC250: LH538089 (X1730A00) RO  
 IC251: LH538088 (X1729A00) RO  
 IC252: M5238P R610 (XJ748A00)  
 IC253: YM3029 (XF237A00) DAC  
 IC254: NJM79L05 (IG1305C0) -5



- MP.
- OP AMP.
- REGULATOR
- 5V REGULATOR
- W80 DECODER
- MIX5
- DRAM 256K
- ET
- SRAM 1M
- ROM 8M
- ROM 8M
- ROM 8M
- ROM 8M
- ROM 8M
- ROM 8M
- 4.8M
5. Resistor Array  
RA201 ~ 203, 205 ~ 211: RGLD8X103J (VE445200)  
RA204, 212, 213: RGLD4X103J (VE443500)
  6. Trimmer Potentiometer  
VR201: B100K EVN (VB593200)
  7. Chip Resistor  
R348 ~ 363: 100Ω 0.1W J (RD255100)
  8. Semiconductive Cera. Cap.  
C399 ~ 404: 0.1μ 25V Z (VC694800)
  9. Chip Monolithic Cera. Cap.  
C301 ~ 357, 359 ~ 388, 394 ~ 398: F 0.1μ 25V Z (VJ798800)
  10. EMI Filter  
EMI 201: LS MT Y223NB (FZ006970)
  11. Quartz Crystal Unit  
X201: AF2138CG (VI552000) 12.288MHz
  12. Lithium Battery  
B101: SONY/CR2032 (VE338400)



O (J)  
 O (U)  
 O (C)  
 O (H, D, A, B)  
  
 V 2A REGULATOR  
 ) +12V REGULATOR  
 ) -12V REGULATOR

01370)  
 0A 200V  
 08400)

80)

)  
 ) (H, D, A, B only)

O)  
 )

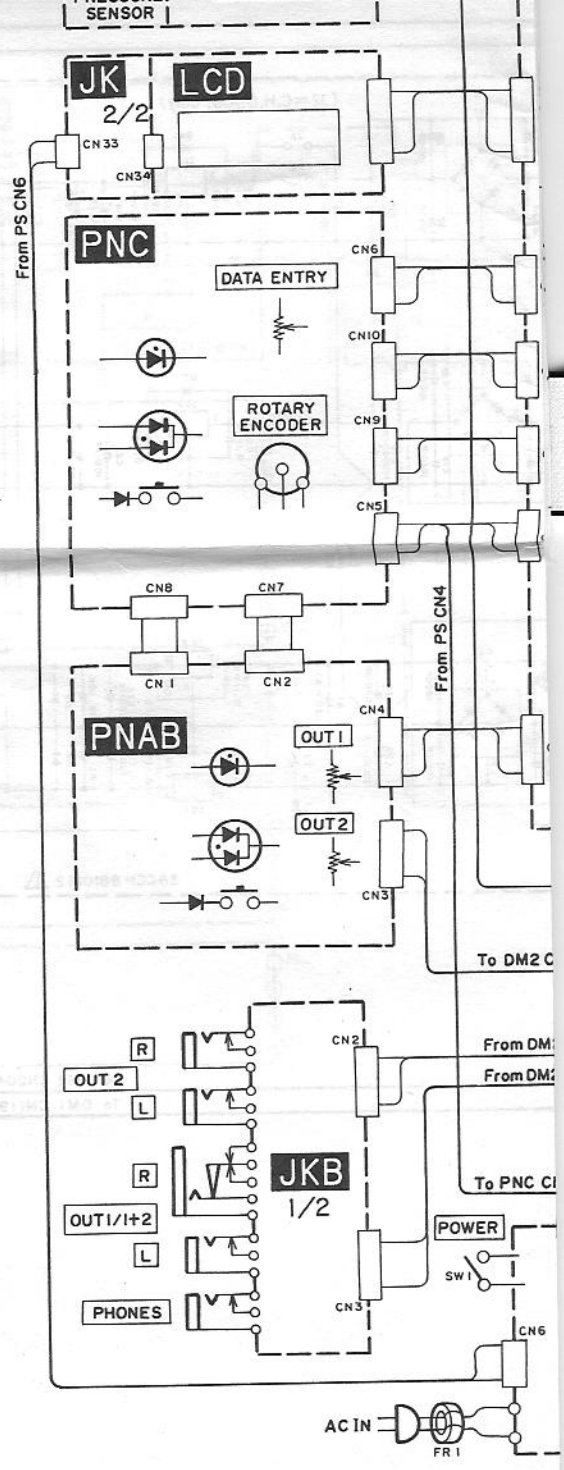
0760)

76000) POWER

)  
 O)

20)  
 30)  
 390)

SY99





CN108

CN112

CN102

CN110

CN117

N203

2 CN201

2 CN202

15

CN4

CN7

CN3

CN5

CNB

PS

CARD 1/2  
DATA

FDD

To DM2 CN204

From CN CN9

From JK CN32

To PNAB CN3

To CN CN8

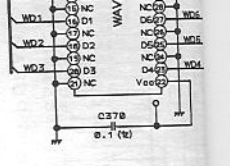
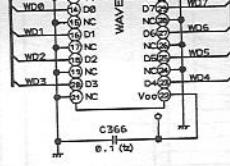
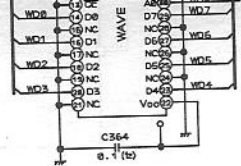
To JKB CN2

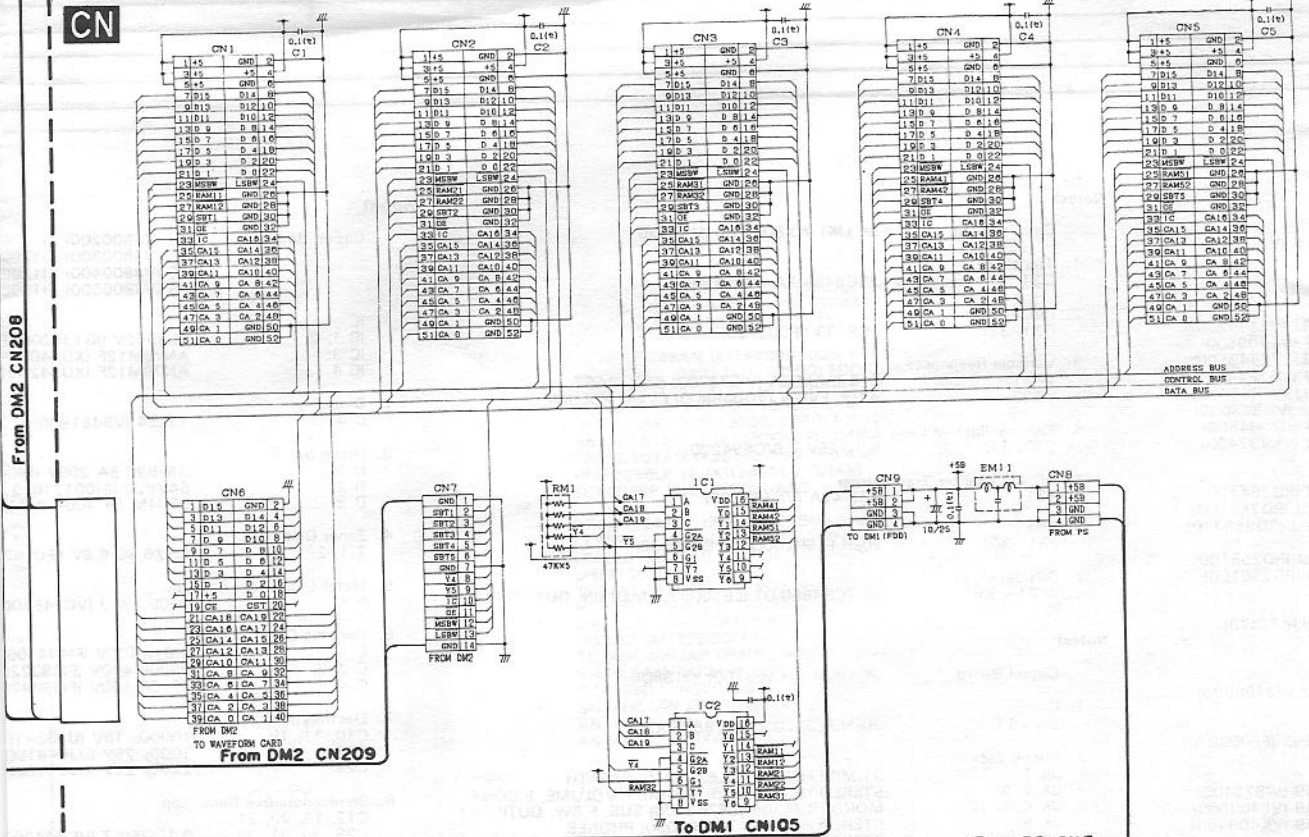
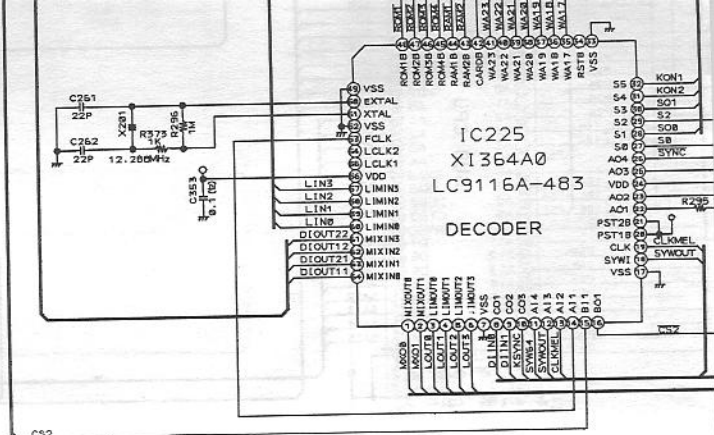
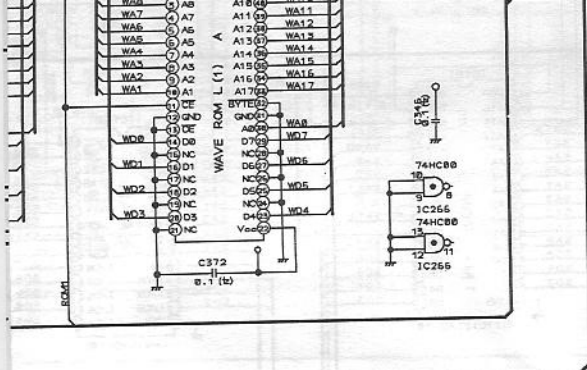
To JKB CN3

To DMI CN104

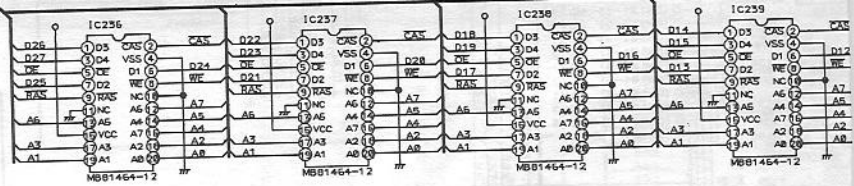
To DMI CN106

To CARD CN53





38CCI-8810248

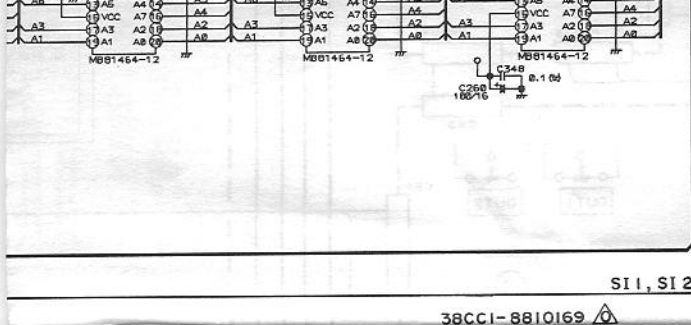


Circuit Board:

DM2 (VK287500) XJ555B0

- |                       |                         |
|-----------------------|-------------------------|
| 1. IC                 | NJM4556 (IG042500) OP A |
| IC201:                | M5238P R610 (XJ748A00)  |
| IC202 ~ 205,          | YM3029 (XF237A00) DAC   |
| 209 ~ 212,            | NJM79L05 (IG1305C0) - 5 |
| 214, 268, 269:        | NJM78L05A (IG065510) +  |
| IC206:                | PCM56P-Y (XH690A00) DA  |
| IC207:                | YM7102 (XG996A00) PAN   |
| IC208:                | YM7103 (XG993A00) EGM   |
| IC213:                | YM7107 (XG994A00) OPS:  |
| IC215, 216:           | YM3807 (XA902001) MOD   |
| IC217, 219:           | YM3422B (XE862B00) ES:  |
| IC218, 220:           | LC9116A-483 (X1364A00)  |
| IC221, 224:           | YM6007 (XF164A00) DSP2  |
| IC222, 223:           | TMC5780ON (XG662A00) I  |
| IC225:                | MB81464-12PSZ (XD265A)  |
| IC226, 227:           | M62021L (XH970A00) RES  |
| IC228:                | HM628128LP-10 (X1580A0) |
| IC229 ~ 242:          | TC538200P-H100 (X1735B) |
| IC243:                | MB838200-20P-G (X1734A) |
| IC244 ~ 247:          | MB838200-20P-G (X1733A) |
| IC248:                | MB838200-20P-G (X1732A) |
| IC249:                | TC538200P-H099 (X1731B) |
| IC250:                | LH538089 (X1730A00) RO: |
| IC251:                | LH538088 (X1729A00) RO: |
| IC252:                | LH538087 (X1728A00) RO: |
| IC253:                | YM7119 (XG995A00) M3:   |
| IC254:                | SN74ALS245ANSR (XE057)  |
| IC255:                | SN74LS245ANSR (XH779A)  |
| IC256, 257:           | TC74HC245F-T1 (XD603A)  |
| IC258 ~ 260:          | TC74HC00AF-TP1 (XD655)  |
| IC261, 264:           | SN74HC74NSR (XC726001)  |
| IC262, 263, 265:      | TC74HC4051AF (XJ623A0)  |
| IC266:                | SN74HC138NSR (XD835A)   |
| IC267:                | TC74HC21AF (XJ622A00)   |
| IC270:                | TC74HC175AF-TP1 (XD655) |
| IC271, 272:           |                         |
| IC273:                |                         |
| IC274:                |                         |
| 2. Transistor         | 2SC2878 A, B (IC287820) |
| Q201 ~ 208:           | 2SA1115 E, F (IA111510) |
| Q210:                 |                         |
| 3. Digital Transistor | DTC143XS TP (VD488500)  |
| Q209:                 |                         |
| 4. Diode              | 1SS133 (IF003450)       |
| D202 ~ 204:           |                         |





SI1, SI2

38CCI-8810169

MP.

OP AMP.

REGULATOR  
5V REGULATOR

W80 DECODER

MIX5  
0) DRAM 256K  
ET  
0) SRAM 1M  
0) ROM 8M  
0) ROM 8M  
0) ROM 8M  
0) ROM 8M  
0) ROM 8M  
1 8M  
1 8M  
1 8M

A00) BUFFER  
00) BUFFER  
00) TRANSCEIVER  
00) NAND  
0) DFF  
0) MULTIPLEXER  
00) DECODER  
2-4 IN AND  
3A00) DFF

5. Resistor Array  
RA201 ~ 203, 205 ~ 211: RGLD8X103J (VE445200)  
RA204, 212, 213: RGLD4X103J (VE443500)
6. Trimmer Potentiometer  
VR201: B100K EVN (VB593200)
7. Chip Resistor  
R348 ~ 363: 100Ω 0.1W J (RD255100)
8. Semiconductive Cera. Cap.  
C399 ~ 404: 0.1μ 25V Z (VC694800)
9. Chip Monolithic Cera. Cap.  
C301 ~ 357, 359 ~ 388, 394 ~ 398: F 0.1μ 25V Z (VJ798800)
10. EMI Filter  
EMI 201: LS MT Y223NB (FZ006970)
11. Quartz Crystal Unit  
X201: AF2138CG (VI552000) 12.288MHz
12. Lithium Battery  
B101: SONY/CR2032 (VE338400)

#### Notes)

- Circuit Board: CN (VK666500) XJ529B0
1. IC  
IC 1, 2: TC74HC138AP (IR013800) DECODER-8
  2. Resistor Array  
RM 1: RMLS5 J 473 (VF169200)
  3. Semiconductive Cera. Cap.  
C 1 ~ 5, 7, 8: 0.1μ 25V Z (VC694800)
  4. EMI Filter  
EMI 1: DSS306-93F223Z1 (VD542700)
  5. Connector  
CN 1 ~ 5: FX2 52P SE (VL347400)  
CN 6: HIF 40P SE (LB903400)

#### Notes)

- Circuit Board: JK (CARD) (NX809710) XI138D0
1. Semiconductive Cera. Cap.  
C51: 0.1μ 25V Z (VC694800)
  2. Connector, IC Card  
CN52: 38P IC3A-38PS-1.27D (VF821100) DATA  
CN54: 50P 264D-550P-28D8 (VH985300) WAVEFORM

SY99

8

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N

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P

Q