

PNB

DX27

PNA

DX100

MKR

MKL

MK

DX27

MK

9

8

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6

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H

G

F

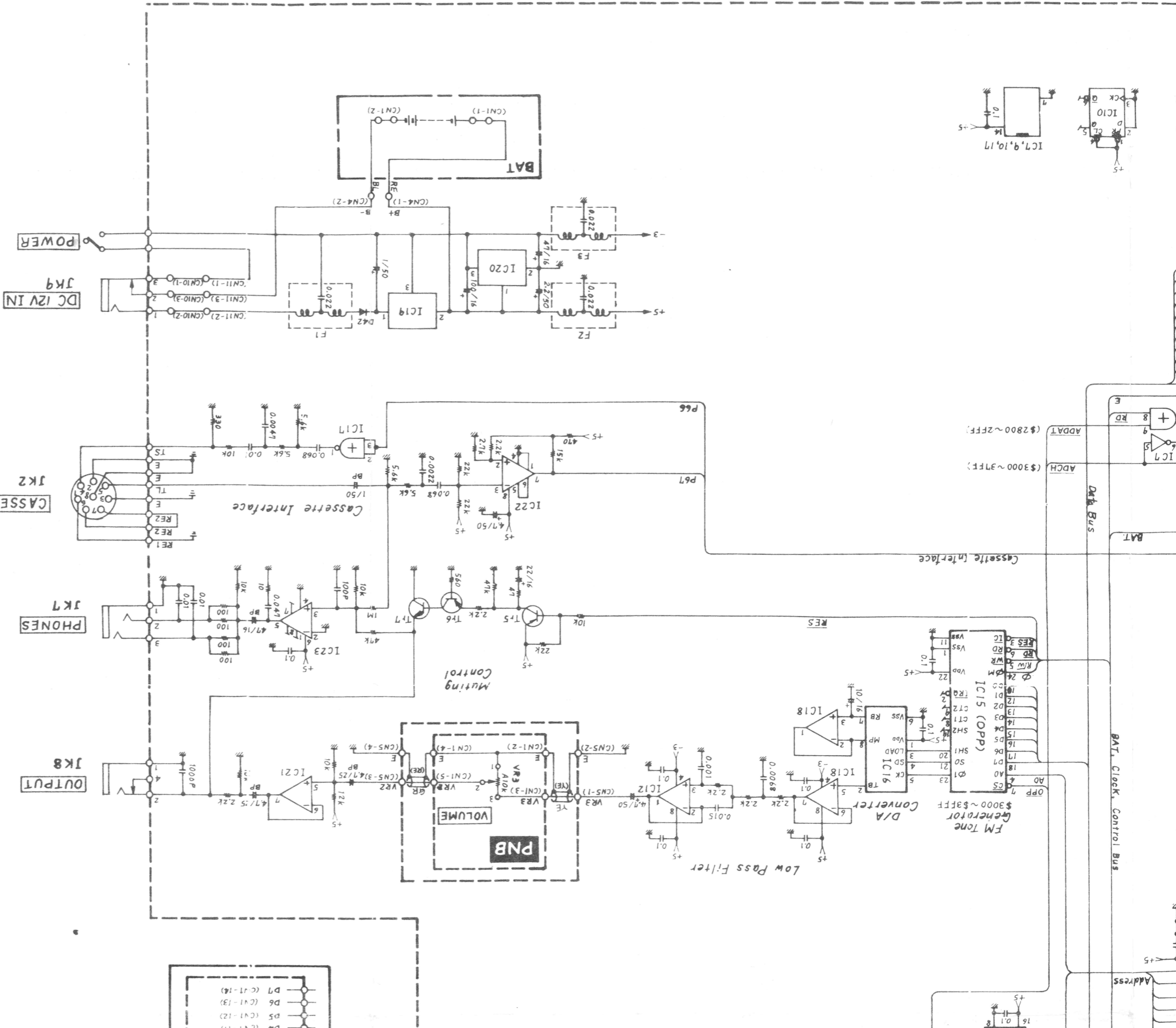
E

D

C

B

A



- WIRE COLOR ABBREVIATIONS¹⁾
- BE→Blue
 - BL→Black
 - BR→Brown
 - CG→Green
 - GR→Gray
 - OR→Orange
 - PK→Pink
 - RE→Red
 - SB→Sky Blue
 - VI→Violet
 - WH→White
 - YE→Yellow

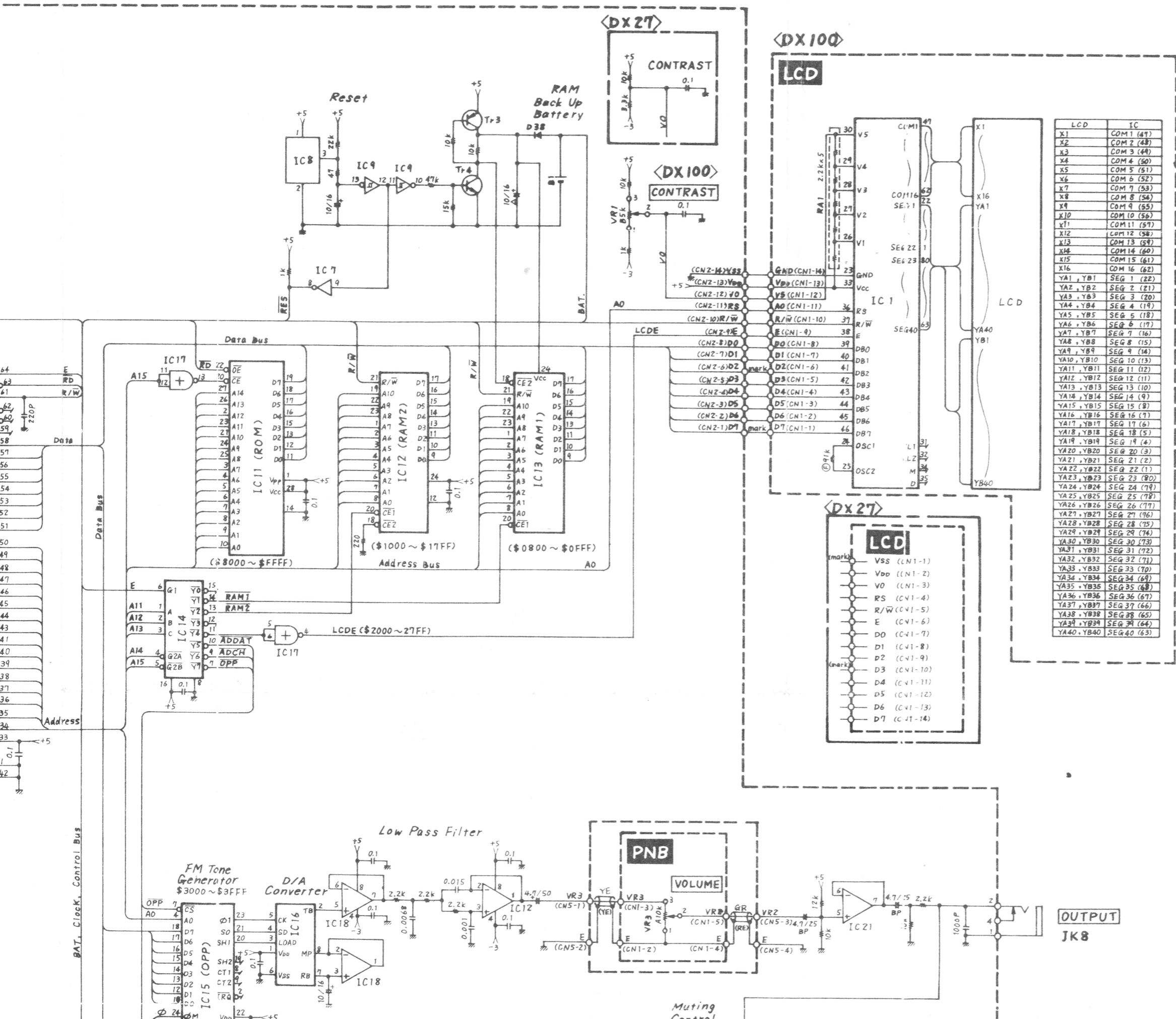
- IC2, 3, 14 (G111900)
- IC4 (KA017001)
- IC5, 21 (NJM4558DV)
- IC6 (MS8990P-1)
- IC7 (G051000)
- IC8 (PST518B-2)
- IC9 (R001400)
- IC10 (TC40H074P)
- IC11 (HN613256PCG8)
- IC12, 13 (G078800)
- IC15 (YM-2164)
- IC16 (T301400)
- IC17 (TC40H002P)
- IC18 (NJM072D)
- IC19 (PC7808H)
- IC20 (PC7905H)
- IC22 (R9311)
- IC23 (NJM386D)

- IC1 (HD44780RA00 (G155900))
- IC1 (HD44780RA00 (G155900))
- RA1 (2.2k x 5)
- DI~36 (DX27 only) : ISS176
- DI~36 (DX100) : ISS176
- PNB Circuit Board
- B1 (CR2032T (Lithium Battery, 3V))
- X1 (Quartz Crystal Unit 7.15909MHz)
- X2 (Ceramic Oscillator 500KHz)
- PC1 (TLP552)
- F1~3 (0.022μF/50V)
- RM1 (4.7k x 8)
- LED (LD201VR3 <DX100 only>)
- D42 (10B-1)
- DI~41 (ISS176TPA4)
- T1, 2, 4 (SC1740S (R,S))
- T1, 3, 5, 6 (SA933S (Q,R))
- T1, 7 (ZSC2878 (A,B))

- CR2032T (Lithium Battery, 3V)
- Quartz Crystal Unit 7.15909MHz
- Ceramic Oscillator 500KHz
- TLP552
- 0.022μF/50V
- 4.7k x 8
- LD201VR3 <DX100 only>
- 10B-1
- ISS176TPA4
- SC1740S (R,S)
- SA933S (Q,R)
- ZSC2878 (A,B)

- DC 12V IN
- POWER
- CASSSETTE
- PHONES
- OUTPUT

*Schematic diagram subjects to change without notice.
*本回路図は、改良のため予告なく変更することがあります。



LCD	IC
X1	COM 1 (47)
X2	COM 2 (48)
X3	COM 3 (49)
X4	COM 4 (50)
X5	COM 5 (51)
X6	COM 6 (52)
X7	COM 7 (53)
X8	COM 8 (54)
X9	COM 9 (55)
X10	COM 10 (56)
X11	COM 11 (57)
X12	COM 12 (58)
X13	COM 13 (59)
X14	COM 14 (60)
X15	COM 15 (61)
X16	COM 16 (62)
YA1, YB1	SEG 1 (22)
YA2, YB2	SEG 2 (21)
YA3, YB3	SEG 3 (20)
YA4, YB4	SEG 4 (19)
YA5, YB5	SEG 5 (18)
YA6, YB6	SEG 6 (17)
YA7, YB7	SEG 7 (16)
YA8, YB8	SEG 8 (15)
YA9, YB9	SEG 9 (14)
YA10, YB10	SEG 10 (13)
YA11, YB11	SEG 11 (12)
YA12, YB12	SEG 12 (11)
YA13, YB13	SEG 13 (10)
YA14, YB14	SEG 14 (9)
YA15, YB15	SEG 15 (8)
YA16, YB16	SEG 16 (7)
YA17, YB17	SEG 17 (6)
YA18, YB18	SEG 18 (5)
YA19, YB19	SEG 19 (4)
YA20, YB20	SEG 20 (3)
YA21, YB21	SEG 21 (2)
YA22, YB22	SEG 22 (1)
YA23, YB23	SEG 23 (80)
YA24, YB24	SEG 24 (79)
YA25, YB25	SEG 25 (78)
YA26, YB26	SEG 26 (77)
YA27, YB27	SEG 27 (76)
YA28, YB28	SEG 28 (75)
YA29, YB29	SEG 29 (74)
YA30, YB30	SEG 30 (73)
YA31, YB31	SEG 31 (72)
YA32, YB32	SEG 32 (71)
YA33, YB33	SEG 33 (70)
YA34, YB34	SEG 34 (69)
YA35, YB35	SEG 35 (68)
YA36, YB36	SEG 36 (67)
YA37, YB37	SEG 37 (66)
YA38, YB38	SEG 38 (65)
YA39, YB39	SEG 39 (64)
YA40, YB40	SEG 40 (63)

Notes)

-DM Circuit Board

- IC1 ; HD6303XP (iG140600)
- IC2,3,14 ; TC40H138P (iG111900)
- IC4 ; TC40H241P (XA017001)
- IC5,21 ; NJM4558DV (iG001390)
- IC6 ; M58990P-1 (iG106100)
- IC7 ; TC40H004P (iG051000)
- IC8 ; PST518B-2 (iG116200)
- IC9 ; TC74HC14P (iR001400)
- IC10 ; TC40H074P (iG051100)
- IC11 ; HN613256PCG8 (XA151A00)
- IC12,13 ; TC5518BPL (iG078800)
- IC15 ; YM-2164 (iT216400)
- IC16 ; YM-3014 (iT301400)
- IC17 ; TC40H002P (iG096300)
- IC18 ; NJM072D (iG107000)
- IC19 ; μ PC7808H (iG130300)
- IC20 ; μ PC7905H (iG087800)
- IC22 ; IR9311 (iG134900)
- IC23 ; NJM386D (iG056600)

- Tr1,2,4 ; 2SC1740S (R, S)
- Tr3,5,6 ; 2SA933S (Q, R)
- Tr7 ; 2SC2878 (A, B)

- D1~41 ; 1SS176TPA4
- D42 ; 10E-1

LED ; LD201V22 (DX100 only)

1

2

3

4

5

6

DX27/100 OVERALL CIRCUIT D

