REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED

+5V
1K
(2-19) ĐSA-ΦΦ1
(2-18) ĐSA-Φ11
(2-17) ĐSA-Φ21
(2-12) HCP-Φ1 (5.5MHz)
(2-F8) X1
(2-16) ĐSA-1Φ1
(2-15) ĐSA-111
(2-14) ĐSA-121
CHS-ΦΦ
(1-23)
CHS-1Φ
(1-W)
ONE-11 (B1)
SEL (2-C2)
1K
+5V
(2-B4) A6*
ROM ADDRESS BUS
RY1 1K RB.
+5V
+5V
270Ω×3
270Ω×3
270Ω×3
7407
40 PN14
41 PN13
100Ω RED (15)
100Ω BLUE (T)
100Ω GREEN (U)
(1-21) VID-11
(1-22) VID-01
(1-U) VID-31
(1-V) VID-21
25 74LS157
32 74LS174
24 74LS157
(2-C) LIN-21
(2-D) LIN-11
(2-E) LIN-Φ1
(2-F) LIN-51
(2-G) LIN-41
(2-H) LIN-31
RDY (2-C8)
330P©
ĐYSEL-Φ1 (2-A7)
(1-S)
CL (2-E3)
(2-6) V4
(2-7) V5
(2-8) V6
(2-9) V7
(2-10) V8
19 74LS138
+5V
1K
270Ω
100Ω
SYNC (V)
7405
(2-22) H5
(2-23) H6
(2-24) H7
(2-13) H9
8 74LS138
JP
(2-25) H8
(2-20) H3
(2-21) H4
+5V
PS 30 74LS74
VCP-ΦΦ (2-11)
31 74LS107
31 74LS107
INH-ΦΦ (2-J)
(E5) ONE-11 (2-1)
ĐS (2-E3)
(2-A3) ĐAΦ
PS 37 74LS74
ONE-ΦΦ (2-B)
ONE-Φ1 (2-A)
(2-B5) CK
+5V
PNR00001

T.T PHOENIX

THIRD ANGLE PROJECTION UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETRES TOLERANCES GENERAL ± HOLE DIA + − ANGLES ± MATERIAL FINISH DO NOT SCALE DRAWING	DRAWN 12.10.80 DESIGN T.SHIMAĐA CHECK 12.11.80 APPROVED APPROVED	TAITO CORPORATION NAME PN-GAME P.C BOARĐ SCHEMATIC ĐIAGRAM SIZE A2 CODE IDENT NO. DWG. NO. PNR00001 SCALE RELEASE DATE SHEET 3-1

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED

C.P.U 8085

DATA BUS

ADDRESS BUS

SOUND BUS

X1 (1-E8)

RESET

RDY (1-C3)

RD

ALE

TRAP
RST 7.5
RST 6.5
RST 5.5
INTR
HOLD

RD-ΦΦ (E1)

RD-ΦΦ 2-2

ROMG-ΦΦ 1-9

DYSEL-Φ1 (1-C4)

(E2) G1
(C1) G2

CK (1-A3)

A6* (1-D5)

SCK (F2)

DA1

DAΦ (1-B3)

(3-F8)

DIP. SW.

CL (1-B4)

DS (1-B1)

RD-ΦΦ (D5)

(C4) SCK

G1 (A7)

(A7) G2

SEL (1-E6)

COIN
START1
START2
FIRE1
RIGHT1
LEFT1
BAR1
FIRE2
RIGHT2
LEFT2
BAR2

RAG-ΦΦ 2-1
RAWR-ΦΦ 1-R
RAG-1Φ 2-3
RAWR-1Φ 1-T
CS-32 2-4

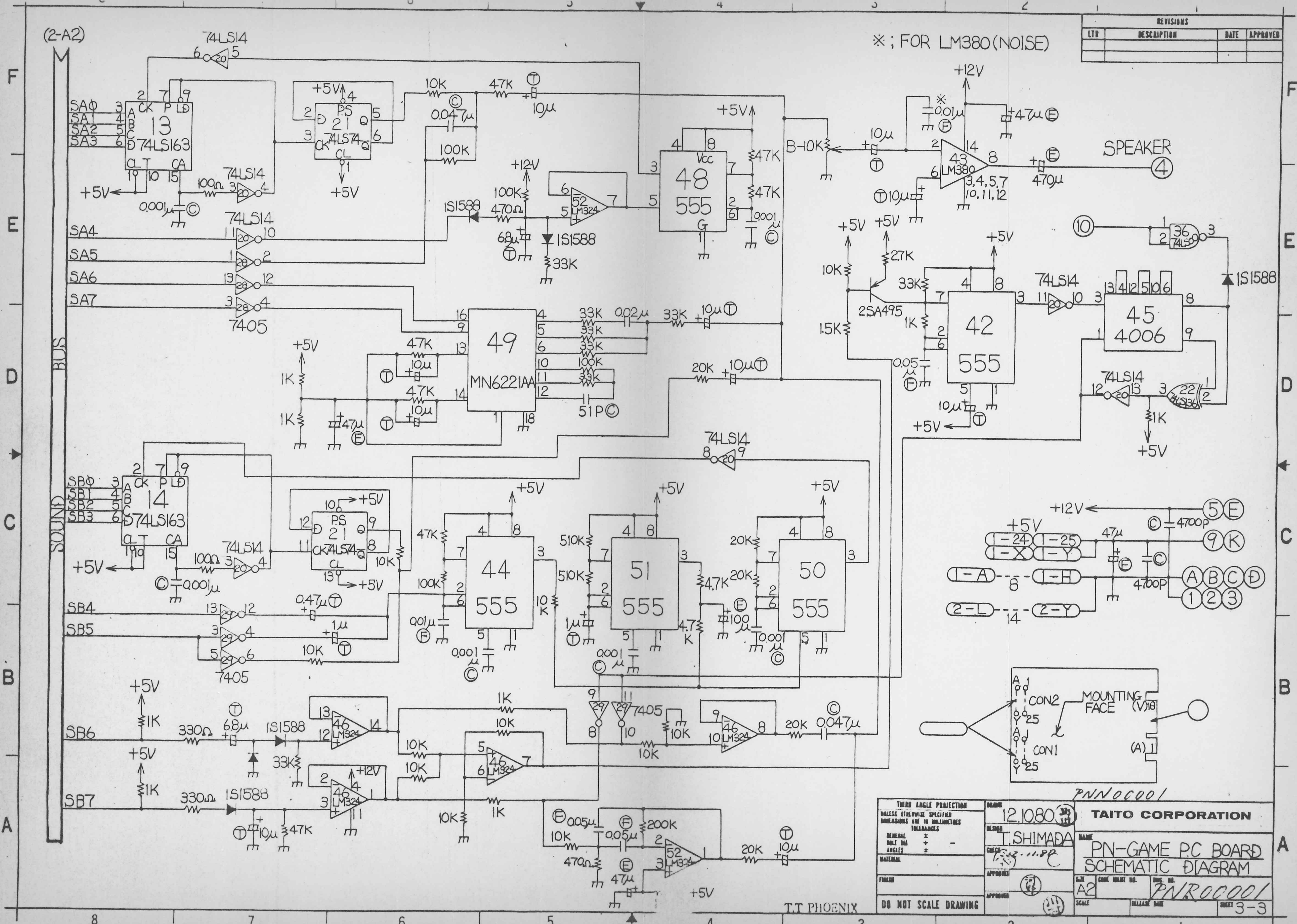
ROMΦ 1-J
ROM1 1-K
ROM2 1-L
ROM3 1-M
ROM4 1-N
ROM5 1-O
ROM6 1-P
ROM7 1-Q

Ⓣ ; TANTALUM
Ⓒ ; CERAMIC
Ⓕ ; FILM
Ⓔ ; ELECTROLYTIC
NOTE.1 CAP

THIRD ANGLE PROJECTION	DRAWN 12.10.80	TAITO CORPORATION	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETRES TOLERANCES GENERAL ± HOLE DIA + − ANGLES ±	DESIGN T.SHIMADA	NAME PN-GAME P.C BOARD SCHEMATIC DIAGRAM	
MATERIAL	CHECK K.T. 11.80	SIZE A2	CODE IDENT NO.
FINISH	APPROVED	SCALE	RELEASE DATE
DO NOT SCALE DRAWING	APPROVED	DWG NO. PNR00001	SHEET 3-2

PNN00001

T.T PHOENIX



(2-A2)
SOUND BUS
※; FOR LM380(NOISE)
REVISIONS
LTR | DESCRIPTION | DATE | APPROVED
SAΦ SA1 SA2 SA3 SA4 SA5 SA6 SA7
SBΦ SB1 SB2 SB3 SB4 SB5 SB6 SB7
13 74LS163
14 74LS163
21 74LS74
74LS14
7405
49 MN6221AA
48 555
44 555
51 555
50 555
42 555
45 4006
43 LM380
52 LM324
46 LM324
36 74LS00
22 74LS136
2SA495
1S1588
B-10K
SPEAKER
+5V
+12V
CON2
CON1
MOUNTING FACE
(V)18
(A)1
PNN0C001
THIRD ANGLE PROJECTION
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS
TOLERANCES
GENERAL ±
HOLE DIA + -
ANGLES ±
MATERIAL
FINISH
DO NOT SCALE DRAWING
DRAWN 12.10.80
DESIGN T.SHIMADA
CHECK
APPROVED
TAITO CORPORATION
NAME PN-GAME P.C BOARD SCHEMATIC DIAGRAM
SIZE A2
DWG. NO. PNR0C001
SHEET 3-3
T.T PHOENIX

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED

1-10 A0 · 1-11 A1 · 1-12 A2 · 1-13 A3 · 1-14 A4 · 1-15 A5 · 1-16 A6 · 1-17 A7 · 1-18 A8 · 1-19 A9 · 1-20 A10 · 1-Q ROM-7

ADRESS BUS

+5V

ROM 52 (2716) PN08 — A0–A10, Vcc, VPP, O0–O7, CS1, CS2, G — RD0–RD7

ROM 51 PN07 — 1-P ROM-6

ROM 50 PN06 — 1-O ROM-5

ROM 49 PN05 — 1-N ROM-4

ROM 48 PN04 — 1-M ROM-3

ROM 47 PN03 — 1-L ROM-2

ROM 46 PN02 — 1-K ROM-1

ROM 45 PN01 — 1-J ROM-0

ROM DATA BUS

1-9 ROMG-00

74LS244 (3-A4) — RD0–RD7 → D0–D7

DATA BUS

(2-F8)(3-D4)

1-1 D0 · 1-2 D1 · 1-3 D2 · 1-4 D3 · 1-5 D4 · 1-6 D5 · 1-7 D6 · 1-8 D7

2-A ONE-01

2-B ONE-00

74LS157 (34) — A0, RA0 → RA1-0; A1, RA1 → RA1-1; A2, RA2 → RA1-2; A3, RA3 → RA1-3; STB (P15); SEL

74LS157 (35) — A4, RA4, RA14, A5, RA5 → RA1-4, RA3-0, RA2-0

74LS157 (36) — A6, RA6, A7, RA7, A8, RA8, A9, RA9 → RA2-1, RA2-2, RA2-3, RA2-4

74LS157 (19) — A0, RA10, A1, RA11, A2, RA12, A3, RA13 → RA3-1, RA3-2, RA3-3, RA3-4

1-S DYSEL-01

680PF

RAM ADRESS BUS

RAM AD1 BUS

RAM AD2 BUS

RAM AD3 BUS

2114-4 RAM (41, 43, 42, 44, 25, 27, 26, 28) — RA1-0 … RA3-4 → D0'–D3', D0"–D3"

+DATA' BUS

+DATA" BUS

1-R PAWR-00 — (2-F7)

1-T PAWR-10 — (2-D7)

PNN00002

THIRD ANGLE PROJECTION	DRAWN 12.10.80	TAITO CORPORATION
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES GENERAL ± HOLE DIA + − ANGLES ±	DESIGN T.Iwai	NAME P.N-ROM P.C BOARD SCHEMTIC DIAGRAM
MATERIAL	CHECK 12.11.80	SIZE A2 · CODE IDENT NO. · DWG. NO. PNR00002
FINISH	APPROVED	SCALE · RELEASE DATE · SHEET 3-1
DO NOT SCALE DRAWING	APPROVED	

T.T PHOENIX

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED

(3-B4)RO2
(3-B4)RO1
(3-C4)ROO
(1-E5)
(1-B2)
(1-B1)
(1-23) CHS-OO
(1-W) CHS-10
DATA BUS
DATA" BUS
+5V
2-2 RB-OO
2-1 RAG-OO
2-3 RAG-10
(3-B7)VCP-OO
(3-E2)DSA-OO1
(3-E2)DSA-O11
(3-E2)DSA-O21
(3-E2)DSA-101
(3-E2)DSA-111
(3-E2)DSA-121
2-J JNH-OO
LIN-O1 2-E
LIN-11 2-D
LIN-21 2-C
LIN-31 2-M
LIN-41 2-G
LIN-51 2-F
VID-O1 (1-22)
VID-11 (1-21)
VID-21 (1-V)
VID-31 (1-U)

38 74LS245 DIR G
39 ROM 2716 PNOO
40 ROM 2716 PN10
22 74LS245 DIR G
23 ROM 2716 PN11
24 ROM 2716 PN12
31 74LS374
32 74LS174
33 74LS174
16 74LS374
17 74LS174
18 74LS174
30 74LS151
29 74LS151
15 74LS151
14 74LS151

PNNOOOOZ

THIRD ANGLE PROJECTION	DRAWN 12.10.80	TAITO CORPORATION
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETRES TOLERANCES GENERAL ± HOLE DIA + − ANGLES ±	DESIGN A.Iwai	NAME P.N-ROM PC BOARD SCHEMATIC DIAGRAM
MATERIAL	CHECK 12.11.80	
FINISH	APPROVED	SIZE A2 CODE IDENT NO. DWG NO. PNROOOOZ
DO NOT SCALE DRAWING	APPROVED	SCALE RELEASE DATE SHEET 3-2

T.T PHOENIX

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED

X-TAL 11.00MHz

1000P 1.2K 1.2K 1000P

7404 7404 7404 7404

+5V PS 5 74LS74

2-12 HCP-Q1

74LS163 1 4 12

H3 2-20 H4 2-21 H5 2-22 H6 2-23 H7 2-24 H8 2-25

74LS86

RA0 RA1 RA2 RA3 RA4

DATA BUS RA ADDRESS BUS

74LS283 OR 74LS83 9 10

DQ* D1* D2* D3* D4* D5* D6* D7*

DSA-1Q1 2-16 DSA-111 2-15 DSA-121 2-14 DSA-QQ1 2-19 DSA-Q11 2-18 DSA-Q21 2-17

DSA-1Q1 (2-C4) DSA-111 (2-C4) DSA-121 (2-C4) DSA-QQ1 (2-E4) DSA-Q11 (2-E4) DSA-Q21 (2-E4)

RA10 RA11 RA12 RA13 RA14

1-24 1-25 1-X 1-Y +5V

47μ

2-L 14 2-Y 1-A 8 1-H

100Ω 300P

H9 2-13

CS-32 2-4

74LS374 8 (1-E5)

V4 2-6 V5 2-7 V6 2-8 V7 2-9 V8 2-10

RO0 (2-F7) RO1 (2-F7) RO2 (2-F7)

RA5 RA6 RA7 RA8 RA9

1000P ×2

2-I ONE-11 7404

2-11 VCP-QQ VCP-QQ (2-F4)

(1-E6)

2- 25 Y MOUNTING FACE 1 A 1-

Ⓔ:CAP.,ELECTROLYTIC Ⓒ:CAP.,CERAMIC

PNR00002

THIRD ANGLE PROJECTION
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETRES
TOLERANCES
GENERAL ± HOLE DIA + - ANGLES ±
MATERIAL
FINISH
DO NOT SCALE DRAWING

DRAWN 12.10.80
DESIGN
CHECK 11.80
APPROVED
APPROVED

TAITO CORPORATION

NAME P.N-ROM P.C BOARD SCHEMATIC DIAGRAM

SIZE A2 CODE IDENT NO. DWG. NO. PNR00002

SCALE RELEASE DATE SHEET 3-3

T.T PHOENIX