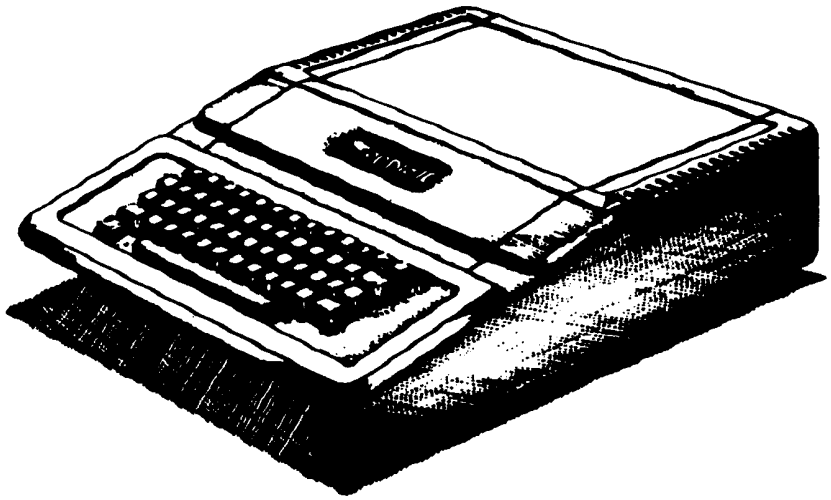
Apple 2 Computer Technical Information



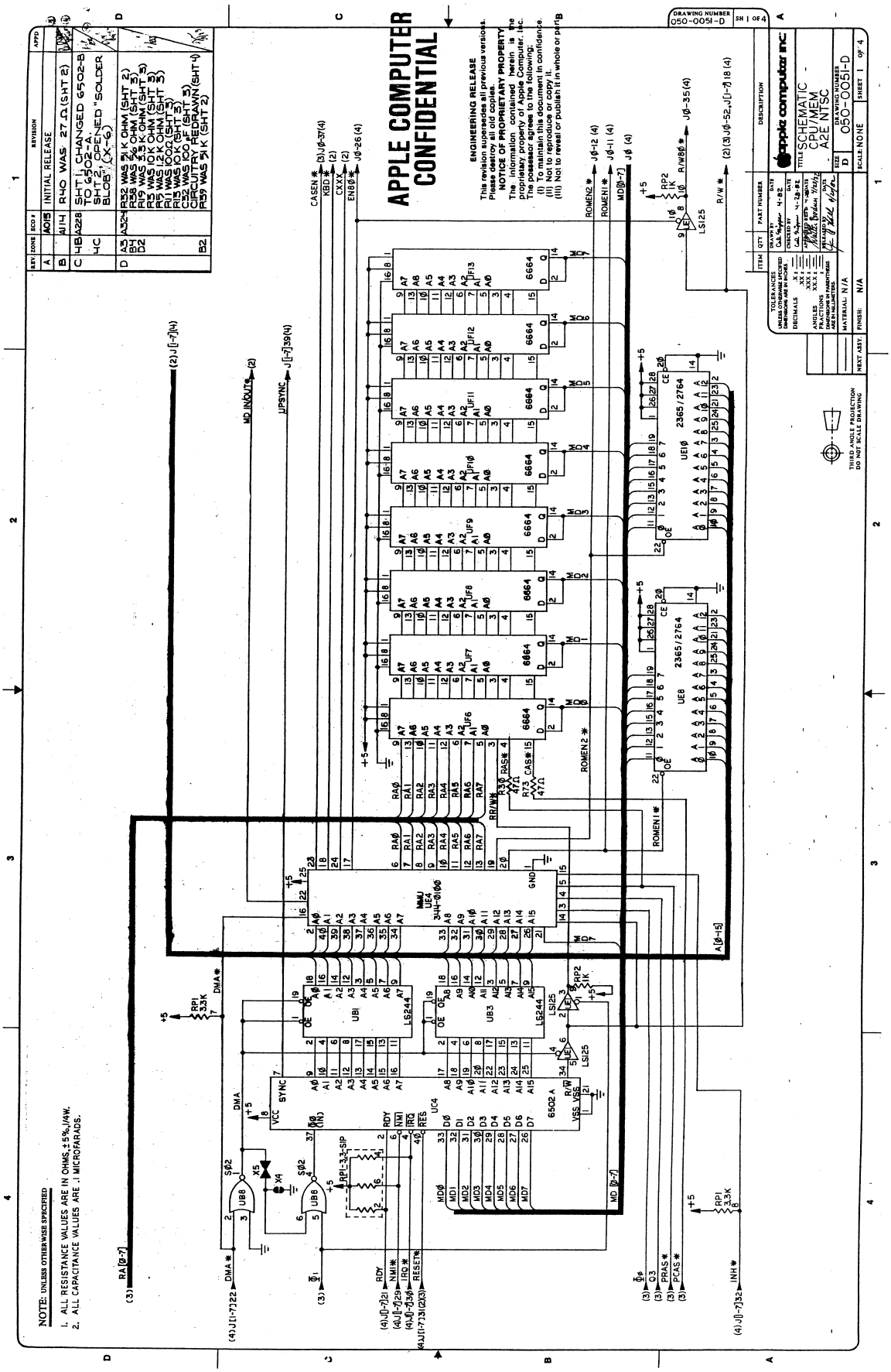
Apple][Computer Family Information

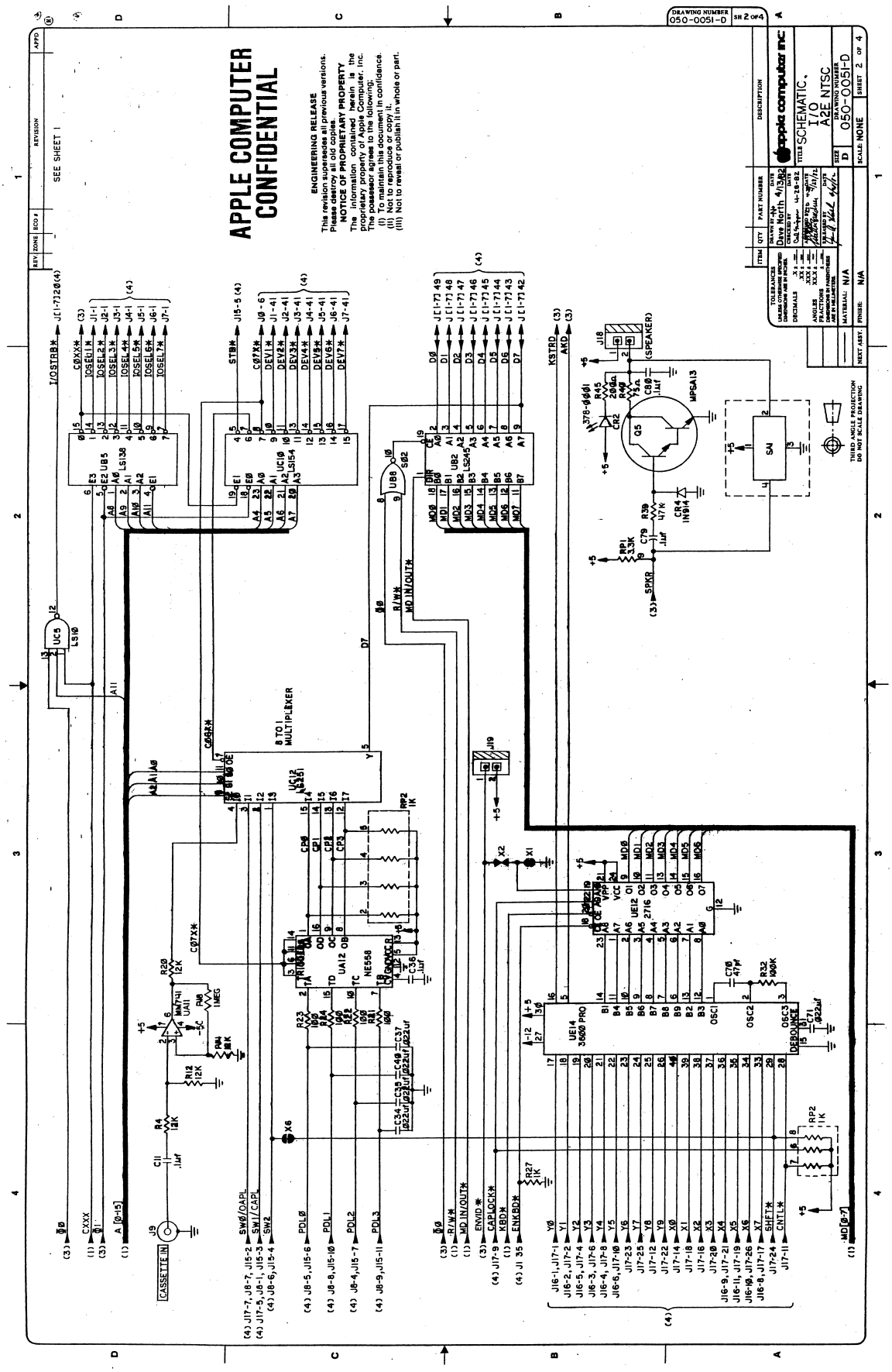
Schematic: Apple 2e Computer (NTSC)
050-0051-D 1/83

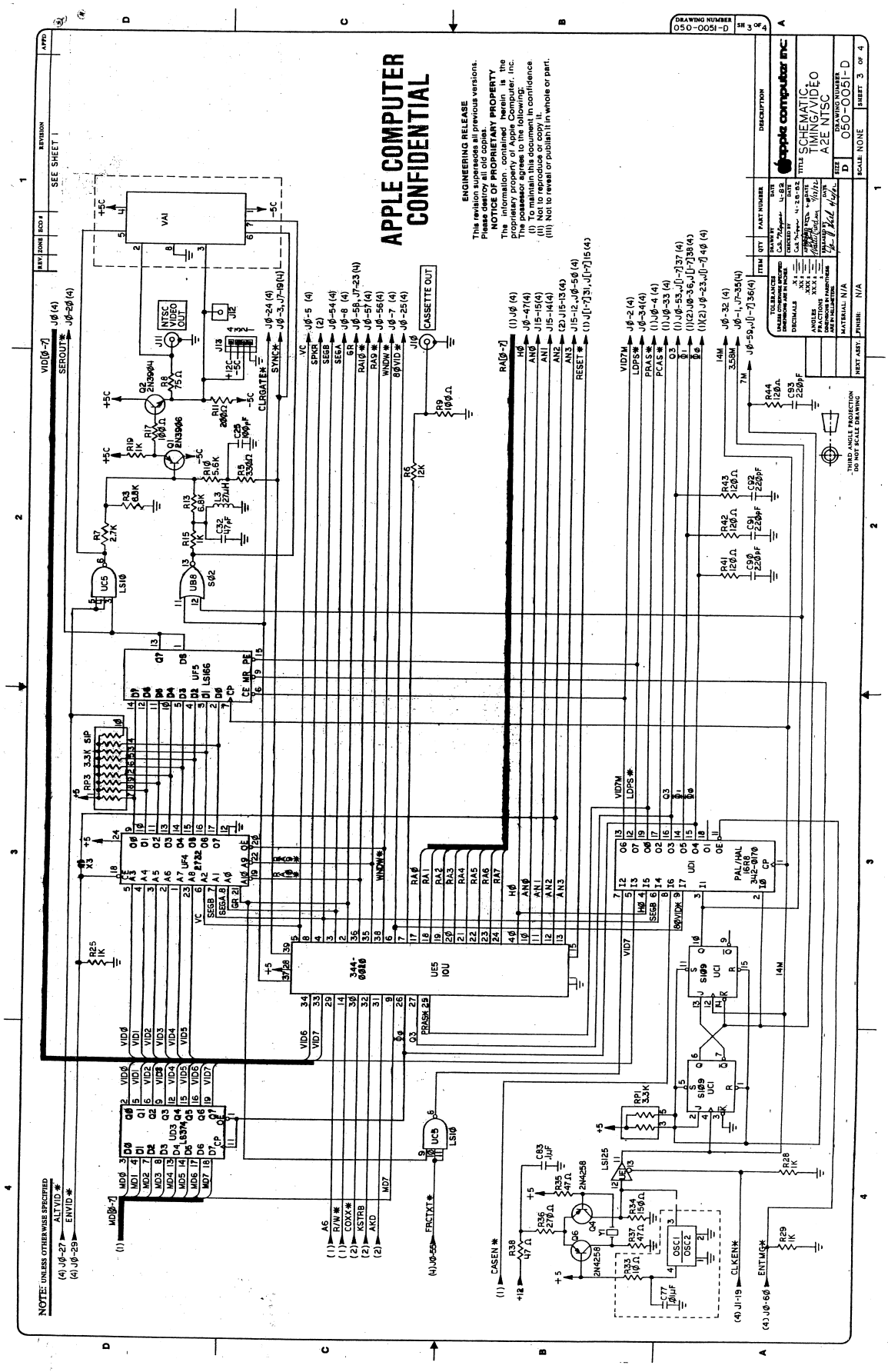
Apple Service Level 2 Technical Reference #204-1011 vol. 2

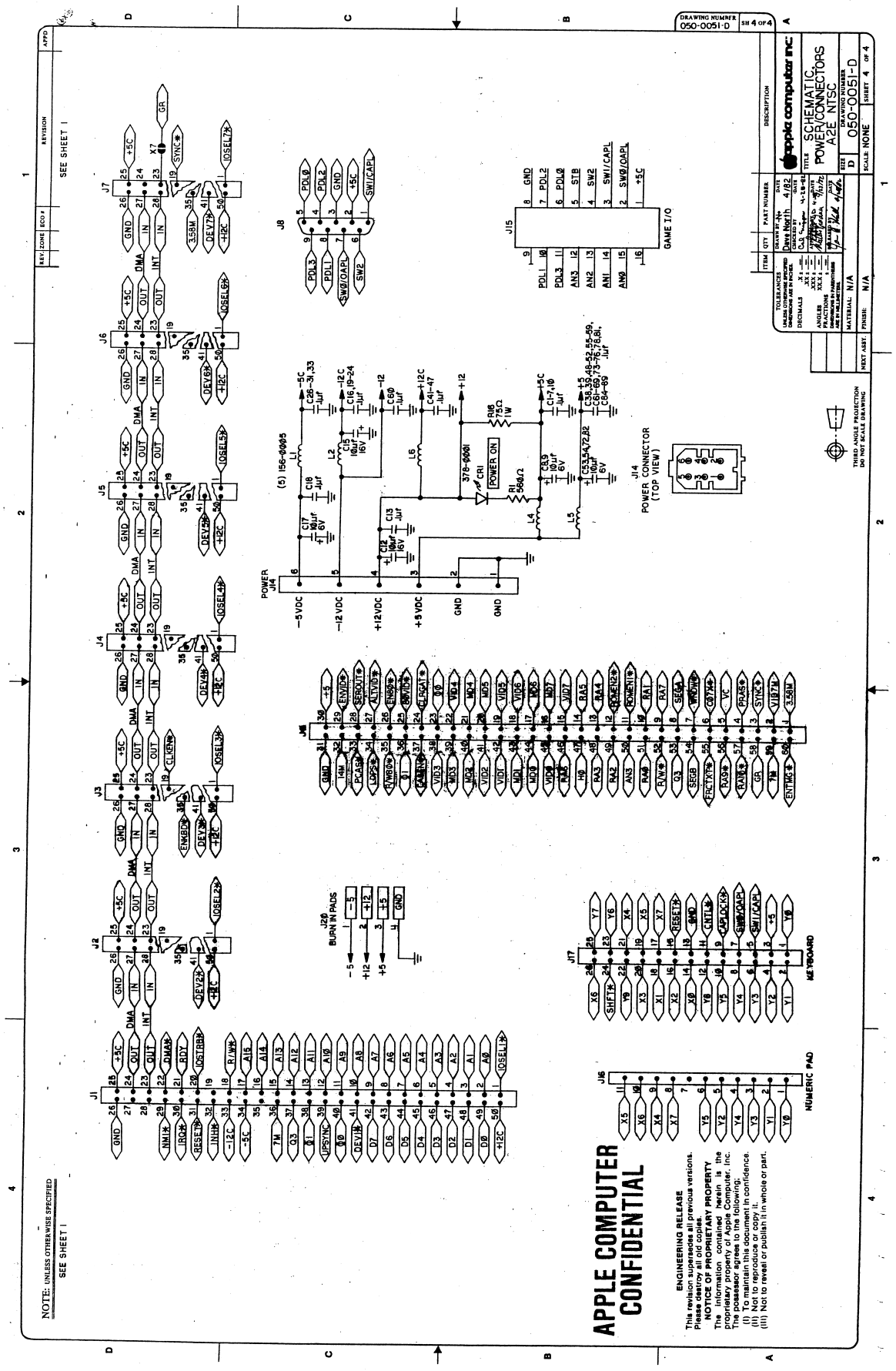
Document # 532

Ex Libris David T. Craig


APPLE COMPUTER CONFIDENTIAL
ENGINEERING RELEASE
NOTICE OF PROPRIETARY PROPERTY
apple computer inc.
TITLE SCHEMATIC - CPU/MEM A2E NTSC
DRAWING NUMBER 050-0051-D
SIZE D
SCALE NONE
SHEET 1 OF 4
NOTE: UNLESS OTHERWISE SPECIFIED
1. ALL RESISTANCE VALUES ARE IN OHMS, ±5%, 1/4W.
2. ALL CAPACITANCE VALUES ARE .1 MICROFARADS.
REVISION
INITIAL RELEASE
R40 WAS 27Ω (SHT 2)
SHT 1 CHANGED 6502-B TO 6502-A. SHT 2 OPENED "SOLDER BLOB", (X-6)
R32 WAS 2K OHM (SHT 2)
R38 WAS 560 OHM (SHT 3)
R19 WAS 3.3K OHM (SHT 3)
R5 WAS 10K OHM (SHT 3)
R4 WAS 10K OHM (SHT 3)
R11 WAS 100Ω (SHT 3)
R13 WAS 10K (SHT 3)
C52 WAS 100pF (SHT 3)
CIRCUITRY REDRAWN (SHT 4)
R59 WAS 5K (SHT 2)
DRAWING NUMBER 050-0051-D SH 1 OF 4


APPLE COMPUTER
CONFIDENTIAL
ENGINEERING RELEASE
This revision supersedes all previous versions.
Please destroy all old copies.
NOTICE OF PROPRIETARY PROPERTY
The information contained herein is the proprietary property of Apple Computer, Inc.
The possessor agrees to the following:
(I) To maintain this document in confidence.
(II) To not reproduce or copy it.
(III) Not to reveal or publish it in whole or part.
DRAWING NUMBER 050-0051-D
SH 2 OF 4
apple computer inc
TITLE SCHEMATIC, I/O A2E NTSC
SIZE D
DRAWING NUMBER 050-0051-D
SCALE NONE
SHEET 2 OF 4
Dave North 4/13/82
MATERIAL: N/A
FINISH: N/A
NEXT ASSY:
THIRD ANGLE PROJECTION
DO NOT SCALE DRAWING
SEE SHEET 1
8 TO 1 MULTIPLEXER
CASSETTE IN
DEBOUNCE
SPEAKER
MPSA13
1N914
NE558
2716
3600 PRO
LS138
LS245
LS154
LS10
LS251
MM741
SEE SHEET 1


APPLE COMPUTER
CONFIDENTIAL
ENGINEERING RELEASE
This revision supersedes all previous versions.
Please destroy all obsolete copies.
NOTICE OF PROPRIETARY PROPERTY
The information contained herein is the proprietary property of Apple Computer, Inc. The possessor agrees to the following:
(i) To maintain this document in confidence
(ii) Not to reproduce or copy it.
(iii) Not to reveal or publish it in whole or part.
DRAWING NUMBER 050-0051-D SH 3 OF 4
apple computer inc
TITLE SCHEMATIC, TIMING/VIDEO A2E NTSC
SIZE D DRAWING NUMBER 050-0051-D
SCALE: NONE SHEET 3 OF 4
SEE SHEET 1
NOTE: UNLESS OTHERWISE SPECIFIED
THIRD ANGLE PROJECTION DO NOT SCALE DRAWING


APPLE COMPUTER CONFIDENTIAL
ENGINEERING RELEASE
This revision supersedes all previous versions. Please destroy all old copies.
NOTICE OF PROPRIETARY PROPERTY
The information contained herein is the proprietary property of Apple Computer, Inc. The possessor agrees to the following:
(I) To maintain this document in confidence.
(II) Not to reproduce or copy it.
(III) Not to reveal or publish it in whole or part.
NOTE: UNLESS OTHERWISE SPECIFIED
SEE SHEET 1
SCHEMATIC, POWER/CONNECTORS A2E NTSC
DRAWING NUMBER 050-0051-D
SH 4 OF 4
SCALE: NONE
SHEET 4 OF 4
THIRD ANGLE PROJECTION
DO NOT SCALE DRAWING
J1
J2
J3
J4
J5
J6
J7
J8
J15
J16
J17
J20
BURN IN PADS
J14
POWER CONNECTOR (TOP VIEW)
GAME I/O
NUMERIC PAD
KEYBOARD
POWER
-5VDC
-12VDC
+12VDC
+5VDC
GND
GND
POWER ON
CR1
(5) 156-0005
Dave North
4/82