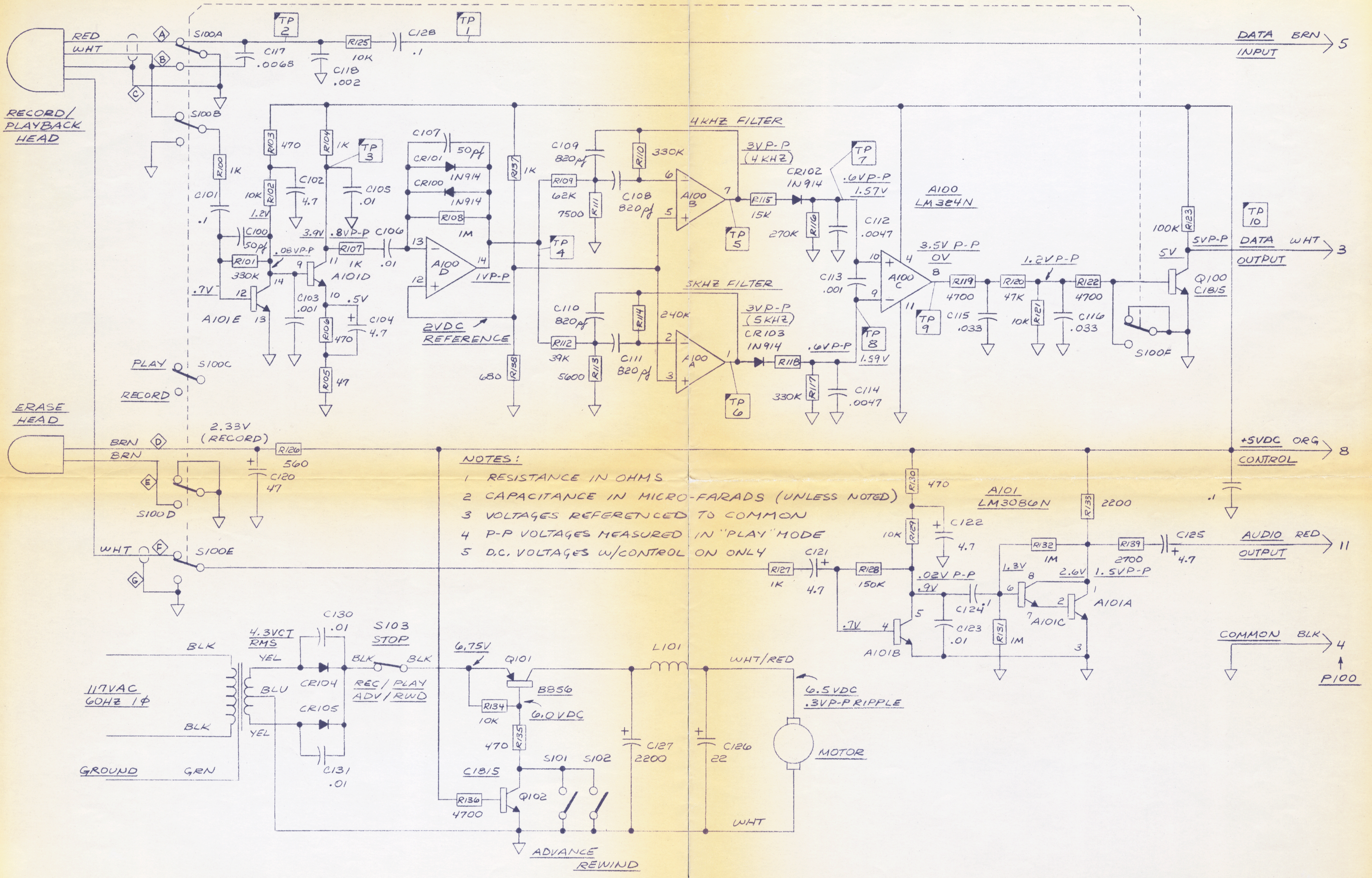
RECORD/ PLAYBACK HEAD
RED
WHT
A
B
C
S100A
S100B
TP 2
TP 1
C117 .0068
C118 .002
R125 10K
C128 .1
DATA INPUT BRN 5
R100 1K
C101 .1
R103 470
R102 10K
1.2V
C100 50pf
R101 330K
.08VP-P
.7V
A101E
12
13
14
R104 1K
TP 3
C102 4.7
C105 .01
3.9V
.8VP-P
R107 1K
C106 .01
9
11
A101D
C103 .001
10
.5V
R106 470
C104 4.7
R105 47
C107 50pf
CR101 1N914
CR100 1N914
R108 1M
A100 D
13
12
14
1VP-P
2VDC REFERENCE
R137 1K
R138 680
TP 4
4KHZ FILTER
C109 820pf
R110 330K
R109 62K
C108 820pf
R111 7500
6
5
7
A100 B
3VP-P (4KHZ)
TP 5
R115 15K
CR102 1N914
TP 7
.6VP-P 1.57V
R116 270K
C112 .0047
5KHZ FILTER
C110 820pf
R114 240K
R112 39K
C111 820pf
R113 5600
2
3
1
A100 A
3VP-P (5KHZ)
CR103 1N914
TP 6
R118
.6VP-P
R117 330K
C114 .0047
TP 8
1.59V
C113 .001
A100 LM324N
3.5V P-P 0V
10
9
4
8
11
A100 C
TP 9
R119 4700
C115 .033
R120 47K
1.2VP-P
R121 10K
R122 4700
C116 .033
S100F
100K R123
TP 10
5V
5VP-P
DATA OUTPUT WHT 3
Q100 C1815
PLAY S100C
RECORD
ERASE HEAD
BRN
BRN
D
E
S100D
2.33V (RECORD)
C120 47
R126 560
+5VDC CONTROL ORG 8
.1
WHT
F
G
S100E
R130 470
A101 LM3086N
R133 2200
C122 4.7
R129 10K
R132 1M
R139 2700
C125 4.7
AUDIO OUTPUT RED 11
R127 1K
C121 4.7
R128 150K
.02V P-P
.9V
C124 .1
1.3V
8
6
7
2.6V
1.5VP-P
2
1
3
A101C
A101A
.7V
4
5
A101B
C123 .01
R131 1M
COMMON BLK 4
P100
117VAC 60HZ 1Ø
BLK
BLK
GROUND GRN
4.3VCT RMS
YEL
BLU
YEL
C130 .01
CR104
CR105
C131 .01
S103 STOP
BLK
BLK
REC/PLAY ADV/RWD
6.75V
Q101 B856
R134 10K
6.0VDC
R135 470
C1815
Q102
R136 4700
S101
S102
ADVANCE REWIND
L101
C127 2200
C126 22
WHT/RED
6.5VDC .3VP-P RIPPLE
MOTOR
WHT

NOTES:

1. RESISTANCE IN OHMS
2. CAPACITANCE IN MICRO-FARADS (UNLESS NOTED)
3. VOLTAGES REFERENCED TO COMMON
4. P-P VOLTAGES MEASURED IN "PLAY" MODE
5. D.C. VOLTAGES W/CONTROL ON ONLY

SKEMATIKS

SCALE: /	APPROVED BY:	DRAWN BY:
DATE: 9-83		REVISED

ATARI 410 SCHEMATIC DIAGRAM

DRAWING NUMBER 7S-AT410-3

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