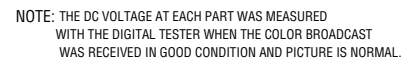
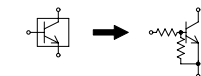


(OPERATION PCB)



NOTE: THIS SCHEMATIC DIAGRAM IS THE LATEST AT THE TIME OF PRINTING AND SUBJECT TO CHANGE WITHOUT NOTICE.

CAUTION: DIGITAL TRANSISTOR



← AUDIO SIGNAL

HEAD AMP SCHEMATIC DIAGRAM

(HEAD AMP PCB)

FROM/TO CAPSTAN DD UNIT

CP4105
TKC-F09X-L1

1	CAP-M F/R	←
2	GND	←
3	VCO	←
4	CTL	←
5	MOTOR GND	←
6	VCC	←
7	FG	←
8	I LIMIT	←
9	V.REF	←

TO LOADING MOTOR

1	LDM+	←
2	LDM-	←

CD4102 8283_0212_00_000

NOTE: THE DC VOLTAGE AT EACH PART WAS
MEASURED WITH THE DIGITAL TESTER
DURING PLAYBACK.

FROM/TO SYSCON

CP4103(CP1002)
TMC-W20X-A1

1	LDM+	←
2	LDM-	←
3	CYL DRIVE A	←
4	CYL DRIVE B	←
5	CYL FG	←
6	CYL +B	←
7	CYL PG	←
8	CTL-	←
9	CTL+	←
10	MOTOR GND	←
11	CAP-M F/R	←
12	VCO	←
13	CTL	←
14	VCC	←
15	FG	←
16	I LIMIT	←
17	V.REF	←
18	AUDIO PB	←
19	AUDIO REC	←
20	AUDIO REC	←

FROM/TO V/C

CP4104(CP4001)
TMC-W16X-A1

1	PB V/C	←
2	HAMP SW	←
3	H.SW	←
4	H.SYNC	←
5	VREC-ST-H	←
6	ENV.DET	←
7	GND	←
8	REC-Y/C	←
9	COMP OUT	←
10	TRUCK PB-H	←
11	GND	←
12	P.CON 5V	←
13	AE HEAD(-)	←
14	AE HEAD(+)	←
15	NC	←
16	NC	←

NOTE: THIS SCHEMATIC DIAGRAM IS THE LATEST AT THE TIME
OF PRINTING AND SUBJECT TO CHANGE WITHOUT NOTICE.

PCB330
VE6773

- ◀◀ CAPSTAN AFC SIGNAL
- ◀◀ RECORD LUMINANCE SIGNAL
- ◀◀ PLAYBACK LUMINANCE SIGNAL
- ◀◀ RECORD COLOR SIGNAL
- ◀◀ PLAYBACK COLOR SIGNAL
- ◀◀ AUDIO SIGNAL(REC)
- ◀◀ AUDIO SIGNAL(PB)
- ◀◀ CYLINDER AFC SIGNAL
- ◀◀ CYLINDER APC SIGNAL

FROM TO CYL

CP4102_1
52492-0520

CYL_PG-A	←	CYL PG	1
CYL+B-A	←	CYL +B	2
CYL_FG-A	←	CYL FG	3
GND_B	←	CYL GND	4
CYL_DRIVE_A	←	CYL DRIVE	5

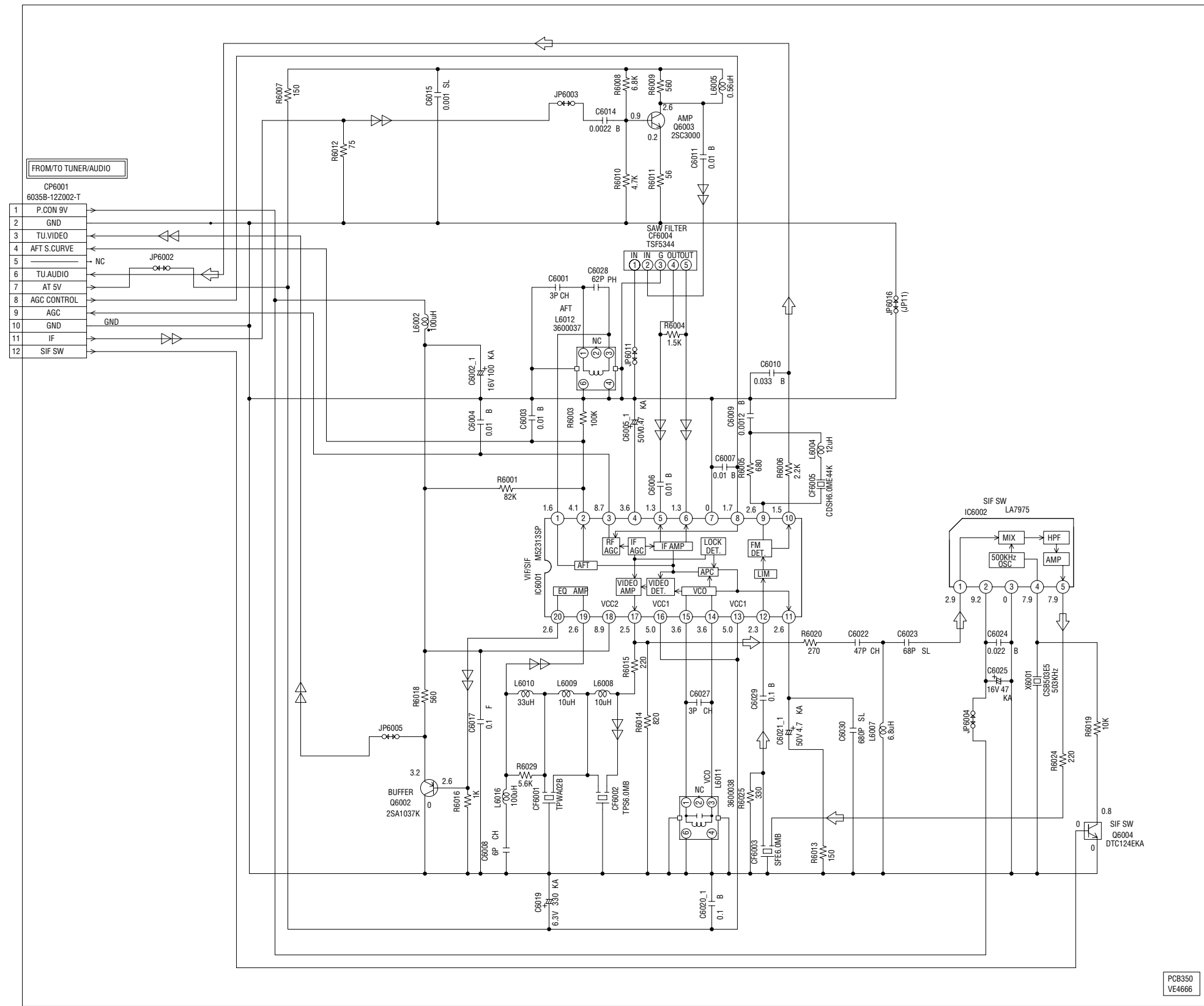
FROM/TO A/C HEAD

CP4106
52044-0645

1	AUDIO PB	←
2	AUDIO REC	←
3	CTL+	←
4	CTL-	←
5	AE HEAD(-)	←
6	AE HEAD(+)	←

IF SCHEMATIC DIAGRAM

(IF PCB)

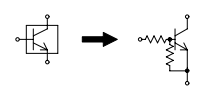


◁ TUNER VIDEO SIGNAL
⇐ AUDIO SIGNAL(REC)

NOTE: THIS SCHEMATIC DIAGRAM IS THE LATEST AT THE TIME OF PRINTING AND SUBJECT TO CHANGE WITHOUT NOTICE.

NOTE: THE DC VOLTAGE AT EACH PART WAS MEASURED WITH THE DIGITAL TESTER DURING PLAYBACK.

CAUTION: DIGITAL TRANSISTOR



PCB350
VE4666



- ◀◀ RECORD LUMINANCE SIGNAL
- ◀ PLAYBACK LUMINANCE SIGNAL
- ◀◀ RECORD COLOR SIGNAL
- ◀ PLAYBACK COLOR SIGNAL
- ◀◀ TUNER VIDEO SIGNAL

PCB010
VM8158

SYSTEM CONTROL SCHEMATIC DIAGRAM (SYSCON PCB)

FROM/TO HEAD AMP

- CP1002/CP4103
TMC-W20P-A1
- | | |
|----|-----------|
| 1 | LDM- |
| 2 | LDM+ |
| 3 | CYL DRIVE |
| 4 | CYL GND |
| 5 | CYL FG |
| 6 | CYL +B |
| 7 | CYL PG |
| 8 | GND |
| 9 | CTL- |
| 10 | CTL+ |
| 11 | MOTOR GND |
| 12 | CAP/M F/R |
| 13 | VCO |
| 14 | CTL |
| 15 | VCC |
| 16 | FG |
| 17 | I LIMIT |
| 18 | V.REF |
| 19 | AUDIO PB |
| 20 | AUDIO REC |

FROM/TO TUNER/AUDIO

- AUDIO_REG
AUDIO_PB

FROM POWER I/O

- S804Y
MOTOR GND
- CP1001
TAS-X05X-D1
- | | |
|---|-----------|
| 1 | MS SW3 |
| 2 | MS SW2 |
| 3 | MS SW COM |
| 4 | MS SW1 |
| 5 | MS SW0 |

FROM MODE SW

TO OPERATION 1

- REC_LED
T-REC_LED
V-REC_ST-H

FROM/TO MICON

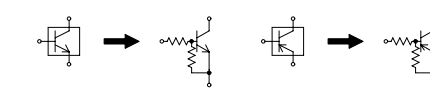
- STR-B
S.DATA-T-S
S.DATA-S-T
S.CLK
TRICK_PB-L
H.SW
AV-HI

CAUTION: SINCE THESE PARTS MARKED BY ARE CRITICAL FOR SAFETY, USE ONES DESCRIBED IN PARTS LIST ONLY.

NOTE: THE RESISTOR MARKED F IS FUSE RESISTOR.
THE ALUMI ELECTROLYTIC CAPACITOR MARKED NP IS NON POLAR ONE.

NOTE: THIS SCHEMATIC DIAGRAM IS THE LATEST AT THE TIME OF PRINTING AND SUBJECT TO CHANGE WITHOUT NOTICE.

CAUTION: DIGITAL TRANSISTOR



CYL_DRIVE

CYL_FG

CYL_PG

CTL-

CTL+

CAP_FG

NTSC-H

REEL-S

REEL-T

SYNC

REEL-S

REEL-T

NTSC-H

REEL-S

REEL-T

NTSC-H

REEL-S

REEL-T

NTSC-H

REEL-S

REEL-T

NTSC-H

REEL-S

REEL-T

NTSC-H

REEL-S

REEL-T

NTSC-H

REEL-S

REEL-T

NTSC-H

REEL-S

REEL-T

NTSC-H

REEL-S

REEL-T

NTSC-H

REEL-S

REEL-T

NTSC-H

REEL-S

REEL-T

NTSC-H

V.REF CTL
Q1017
2SA1037AK

R1004
5.6K

R1003
6.2K

C1001
0.022

C1002
0.1

C1003
0.1

C1004
1

C1005
0.1

C1006
0.1

C1007
0.1

C1008
0.1

C1009
0.1

C1010
0.1

C1011
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C1012
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C1013
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C1014
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C1015
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C1016
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C1017
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C1018
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C1019
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C1020
0.1

C1021
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C1022
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C1023
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C1024
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C1025
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C1028
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C1029
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C1030
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C1031
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C1032
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C1033
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C1034
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C1035
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C1036
0.1

C1037
0.1

C1038
0.1

C1039
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C1040
0.1

C1041
0.1

C1042
0.1

Q1018
DTC124EKA

Q1019
DTC124EKA

Q1020
DTC124EKA

Q1021
DTC124EKA

Q1022
DTC124EKA

Q1023
DTC124EKA

Q1024
DTC124EKA

Q1025
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Q1109
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Q1110
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Q1111
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Q1113
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Q1114
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Q1115
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Q1119
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Q1120
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Q1121
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Q1122
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Q1154
DTC124EKA

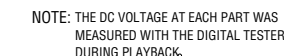
Q1155
DTC124EKA

Q1156
DTC124EKA

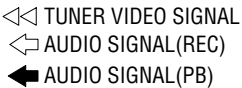
Q1157
DTC124EKA

Q1158
DTC124EKA

(SYSICON PCB)



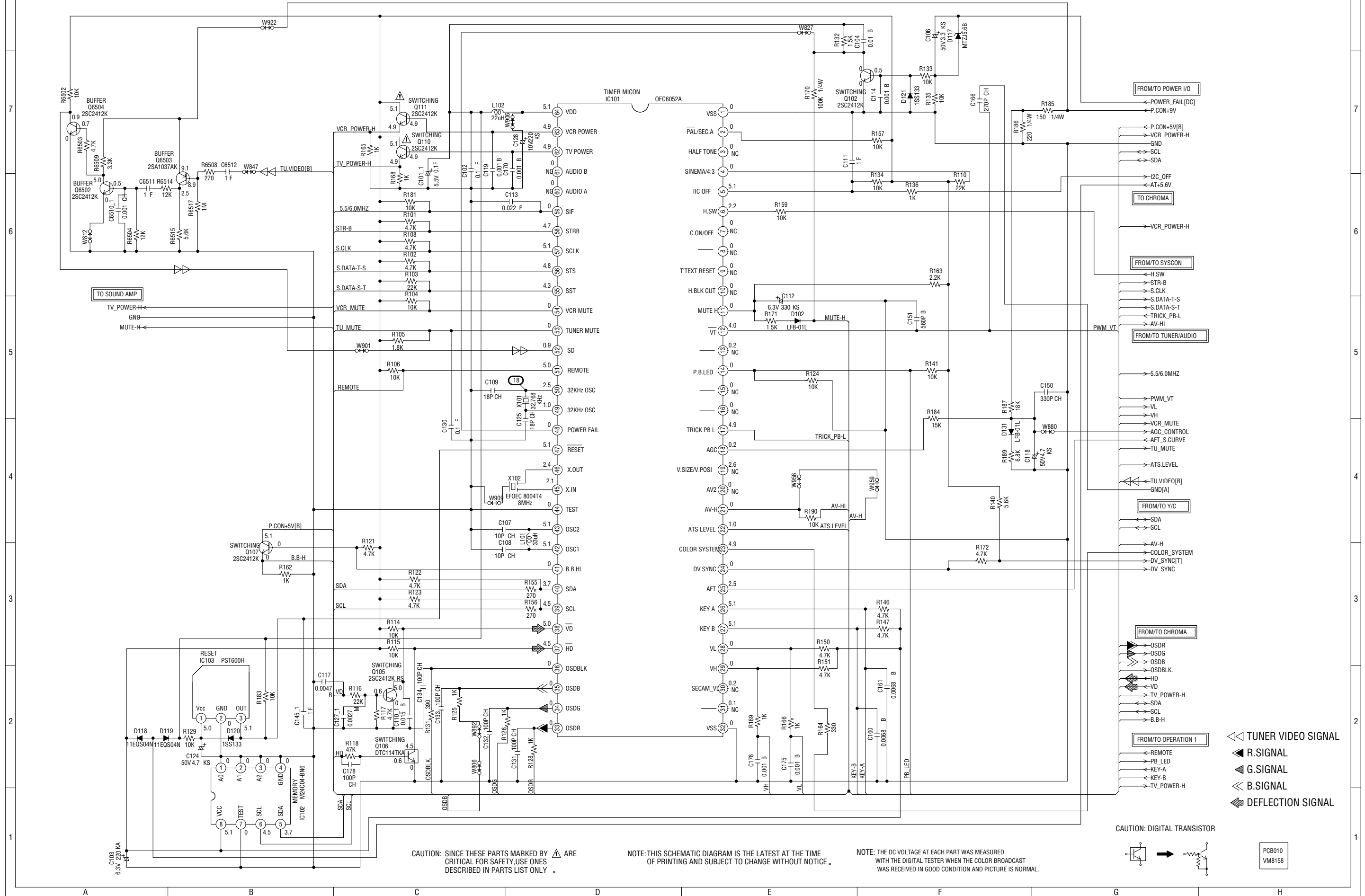
(SYSCON PCB)



NOTE: THIS SCHEMATIC DIAGRAM IS THE LATEST AT THE TIME OF PRINTING AND SUBJECT TO CHANGE WITHOUT NOTICE.

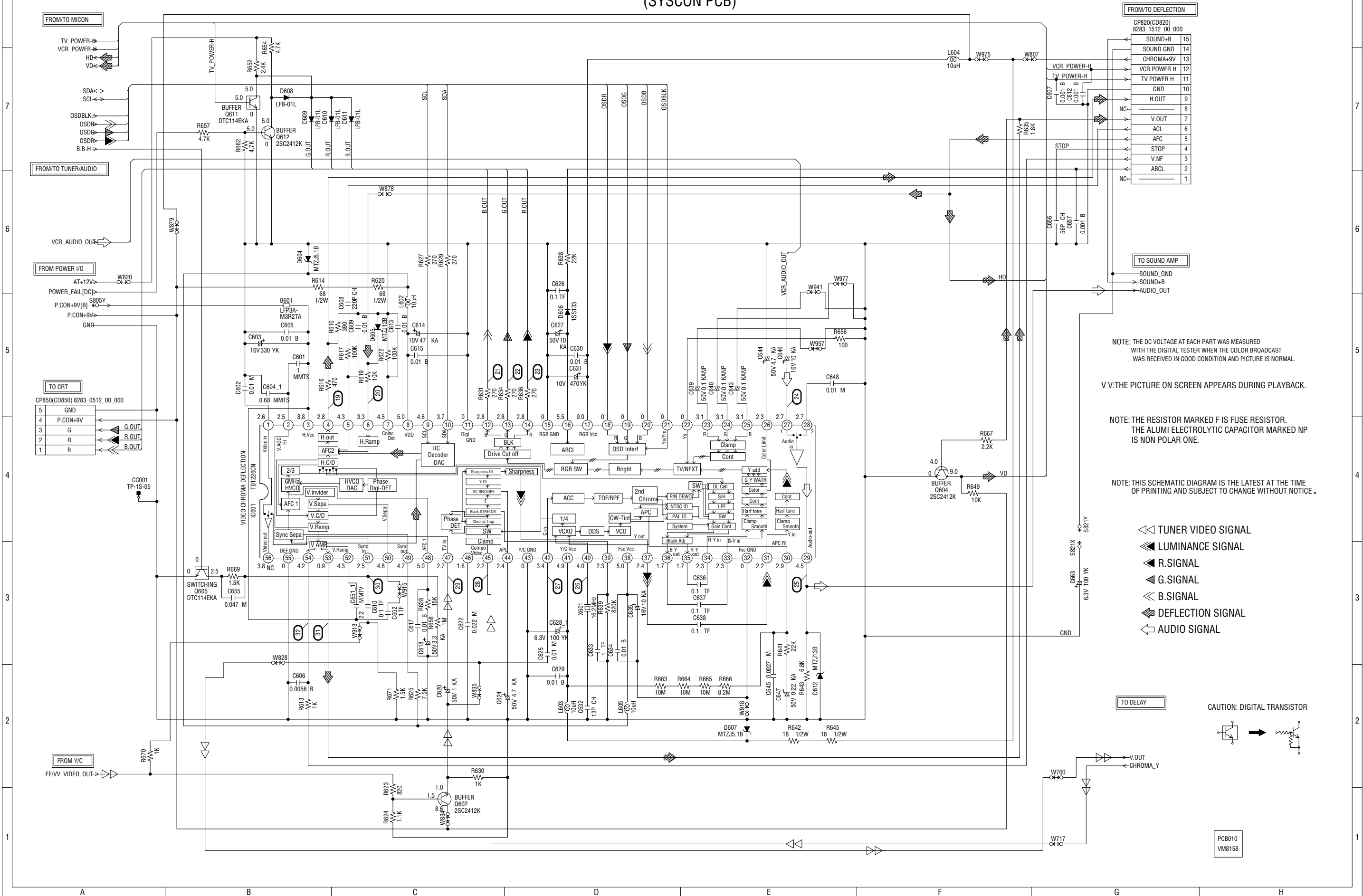
MICON SCHEMATIC DIAGRAM

(SYSCON PCB)



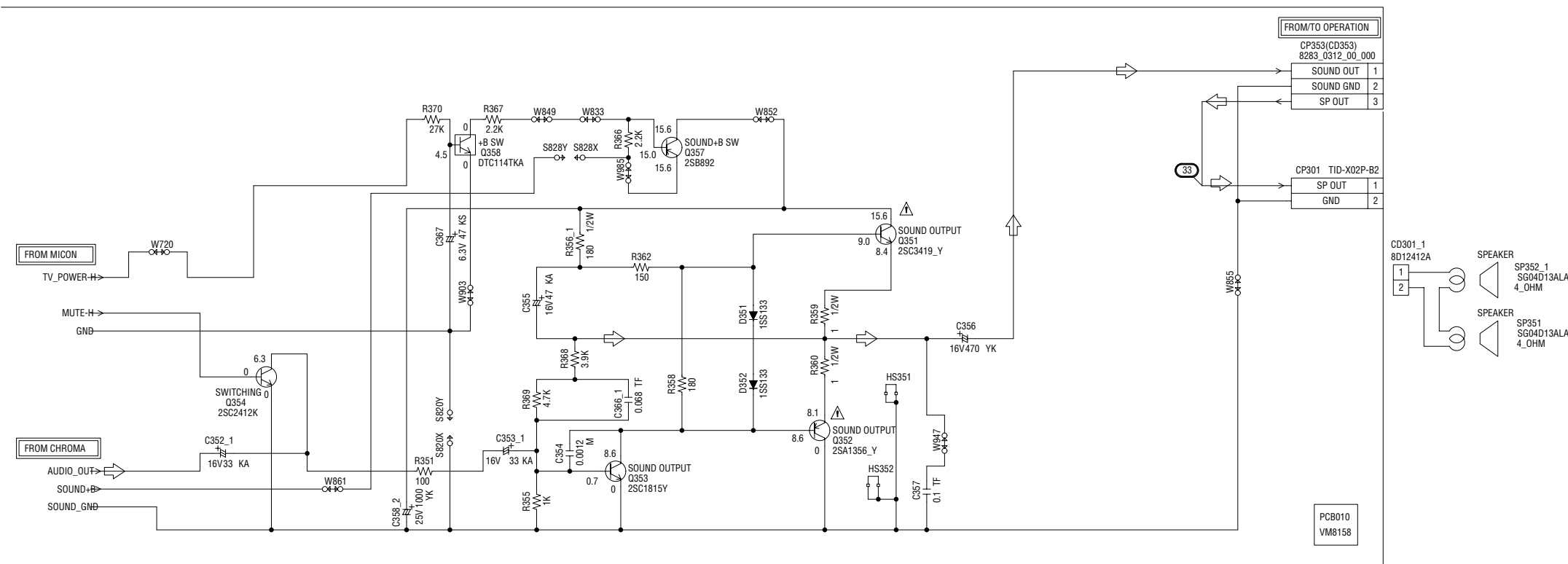
CHROMA SCHEMATIC DIAGRAM

(SYSCON PCB)



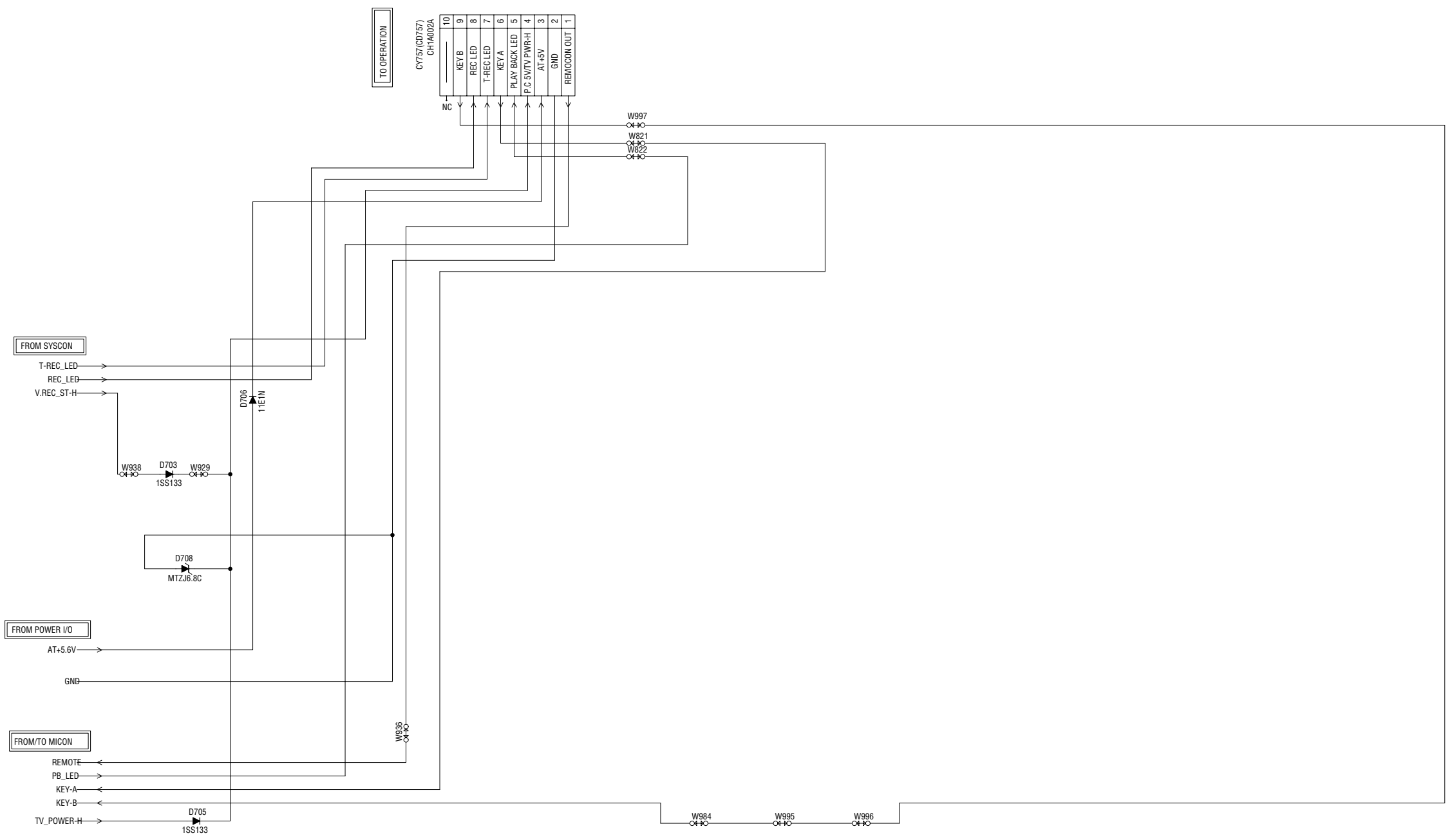
SOUND AMP SCHEMATIC DIAGRAM

(SYSCON PCB)



OPERATION 1 SCHEMATIC DIAGRAM

(SYSCON PCB)



NOTE: THIS SCHEMATIC DIAGRAM IS THE LATEST AT THE TIME OF PRINTING AND SUBJECT TO CHANGE WITHOUT NOTICE .

PCB010
VM8158

DELAY SCHEMATIC DIAGRAM

(SYSCON PCB)

FROM CHROMA

V.OUT

FROM POWER/I/O

GND

CHROMA_Y

C653
150P CH
L601
10uH

DL601
SDL-4104

S815X
S815Y

W705

W716
C623 1
0.068 1F

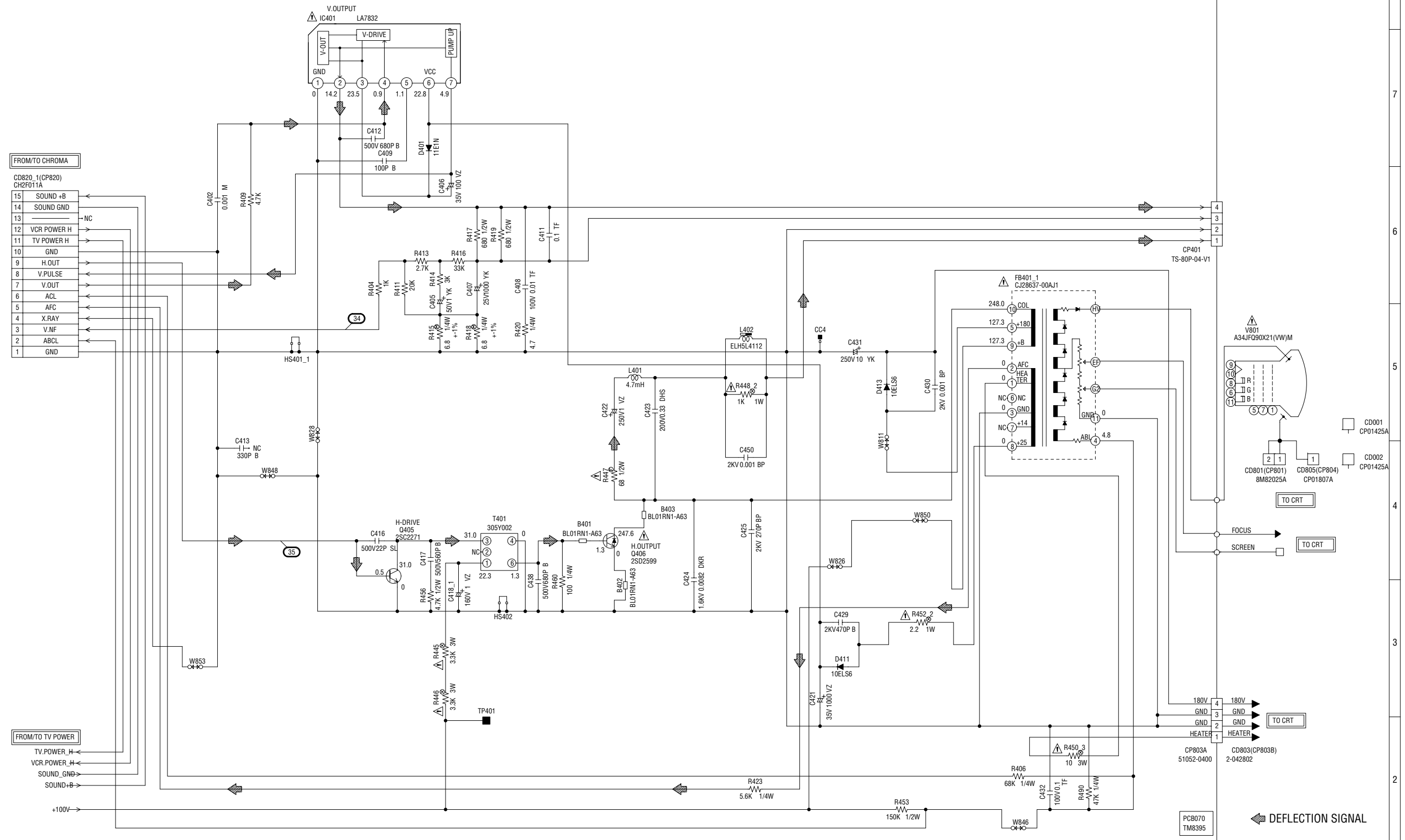
R674
1K

TUNER VIDEO SIGNAL

PCB010
VM8158

NOTE: THIS SCHEMATIC DIAGRAM IS THE LATEST AT THE TIME
OF PRINTING AND SUBJECT TO CHANGE WITHOUT NOTICE .

DEFLECTION SCHEMATIC DIAGRAM (MAIN PCB)



NOTE: THE DC VOLTAGE AT EACH PART WAS MEASURED
WITH THE DIGITAL TESTER WHEN THE COLOR BROADCAST
WAS RECEIVED IN GOOD CONDITION AND PICTURE IS NORMAL.

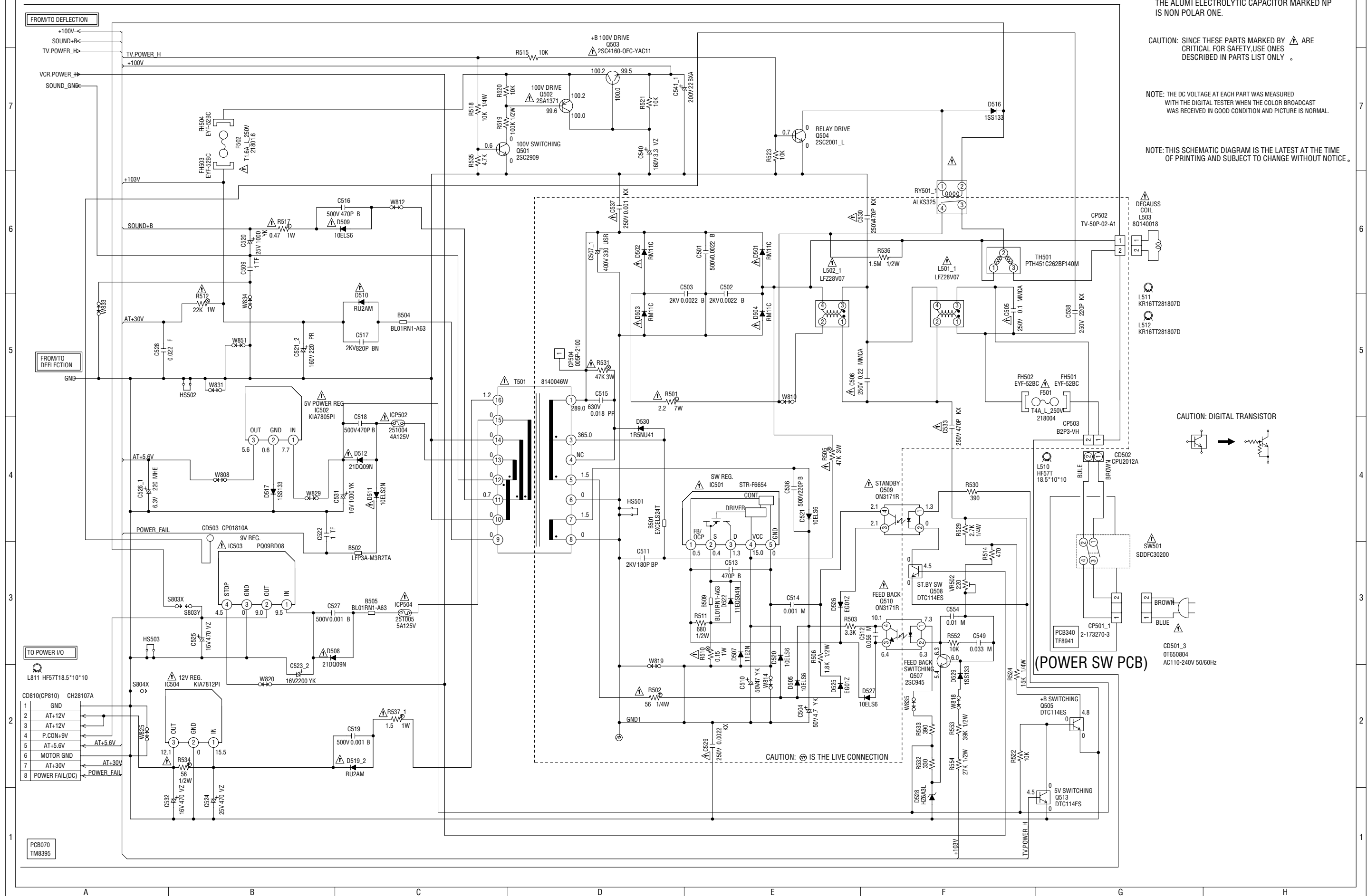
NOTE: THIS SCHEMATIC DIAGRAM IS THE LATEST AT THE TIME
OF PRINTING AND SUBJECT TO CHANGE WITHOUT NOTICE.

ATTENTION: LES PIÈCES RÉPARÉES PAR UN ÉTANT
DANGEREUSES AN POINT DE VUE SECURITE
N'UTILISER QUE CELLS DECRITES
DANS LA NOMENCLATURE DES PIÈCES.

CAUTION: SINCE THESE PARTS MARKED BY ARE
CRITICAL FOR SAFETY, USE ONES
DESCRIBED IN PARTS LIST ONLY.

TV POWER SCHEMATIC DIAGRAM

(MAIN PCB)



CAUTION: SINCE THESE PARTS MARKED BY  ARE CRITICAL FOR SAFETY, USE ONES DESCRIBED IN PARTS LIST ONLY .

NOTE: THE DC VOLTAGE AT EACH PART WAS MEASURED WITH THE DIGITAL TESTER WHEN THE COLOR BROADCAST WAS RECEIVED IN GOOD CONDITION AND PICTURE IS NORMAL.

NOTE: THIS SCHEMATIC DIAGRAM IS THE LATEST AT THE TIME OF PRINTING AND SUBJECT TO CHANGE WITHOUT NOTICE.

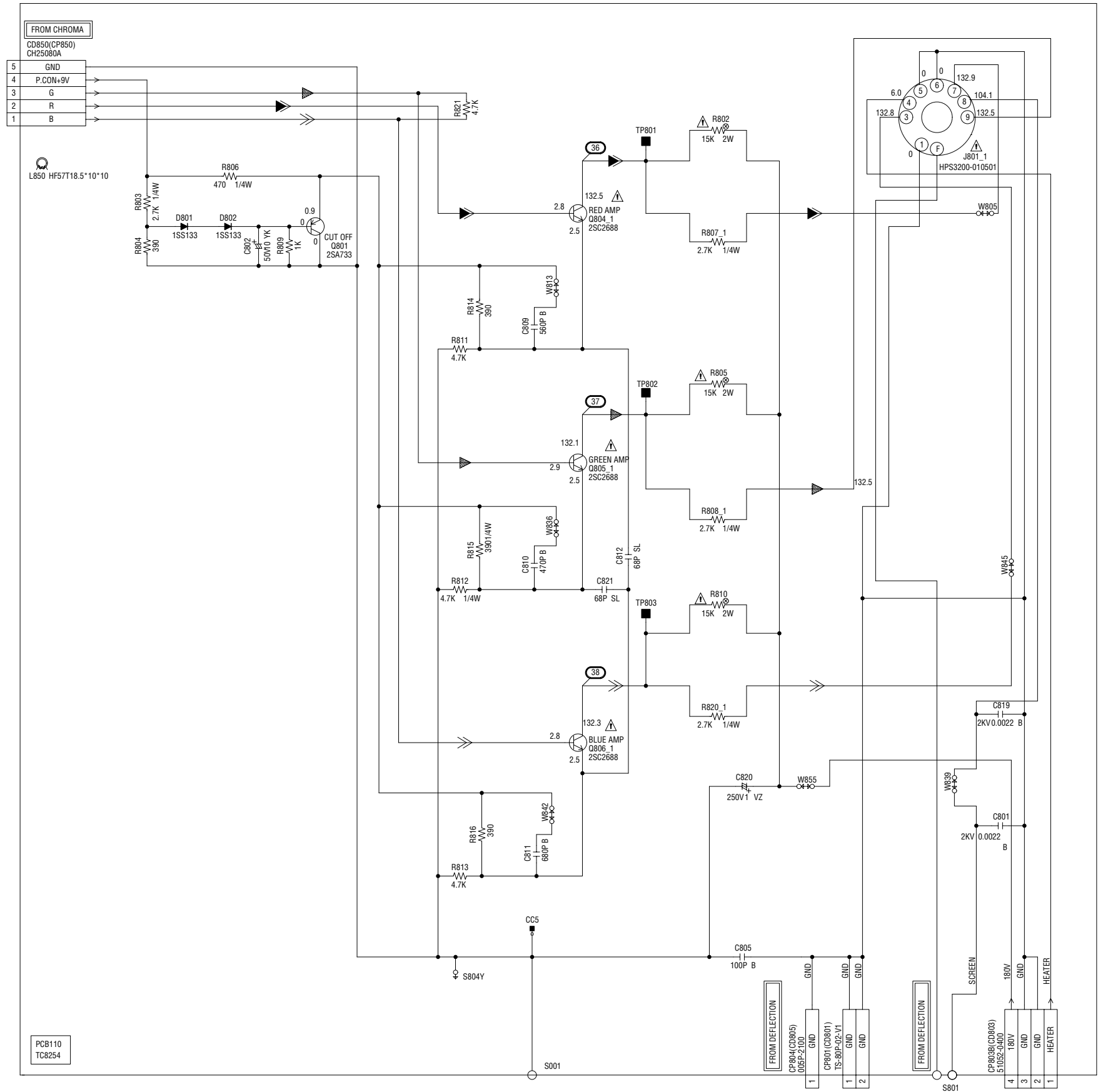
CAUTION: DIGITAL TRANSISTOR

(POWER SW PCB)

CAUTION:  IS THE LIVE CONNECTION

CRT SCHEMATIC DIAGRAM

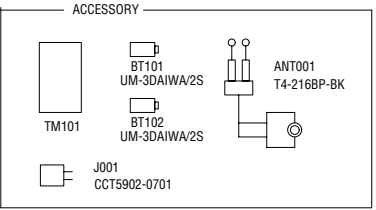
(CRT PCB)



CAUTION: SINCE THESE PARTS MARKED BY ARE CRITICAL FOR SAFETY, USE ONES DESCRIBED IN PARTS LIST ONLY .

NOTE: THE DC VOLTAGE AT EACH PART WAS MEASURED WITH THE DIGITAL TESTER WHEN THE COLOR BROADCAST WAS RECEIVED IN GOOD CONDITION AND PICTURE IS NORMAL.

NOTE: THIS SCHEMATIC DIAGRAM IS THE LATEST AT THE TIME OF PRINTING AND SUBJECT TO CHANGE WITHOUT NOTICE .



R.SIGNAL
 G.SIGNAL
 B.SIGNAL

J-23

