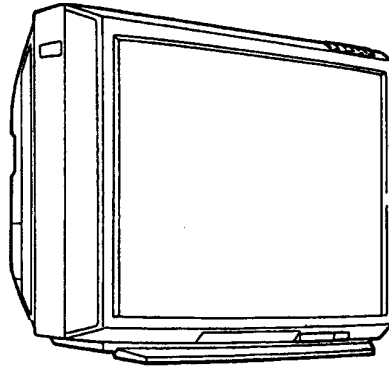


KV-K29CF1

RM-845P

SERVICE MANUAL

PX Model
Chassis No. SCC-G98A-A



G3F CHASSIS

MODELS OF THE SAME SERIES	
KV-K29CF1	KV-K21MF1/K25MF1
KV-K29MF1	KV-K25MF1J/KV-K29MF1J
KV-K25SN21/K29SN21	

SPECIFICATIONS

Power requirements 110-240 V AC, 50/60Hz
 Power consumption 171 W
 Television system B/G, I, D/K, M
 Color system PAL, PAL 60, SECAM, NTSC 4.43, NTSC 3.58
 Channel coverage B/G
 VHF: E2 to E12/UHF: E21 to E69/
 CATV: S01 to S03, S1 to S41
 I
 UHF: B21 to B68/
 CATV: S01 to S03, S1 to S41
 D/K
 VHF: R1 to R12/UHF: R21 to R60/
 CATV: S01 to S03, S1 to S41
 M
 VHF: A2 to A13/UHF: A14 to A79/
 CATV: A-8 to E, G to W+25, W+27 to W+84
 Antenna 75-ohm external antenna terminal
 for VHF/UHF

Audio output (speaker) 13W×2
 Number of terminal Video Input: 3 Output: 1
 Audio Input: 3 Output: 1
 S1-Video Input: 2
 Y: 1 Vp-p, 75 ohms, unbalanced,
 sync negative
 G: 0.286 Vp-p, 75 ohms
 Picture tube Super Trinitron
 Tube size 29-inch measured diagonally
 Screen size 68-cm measured diagonally
 Dimensions (W/H/D) 694×578×527 mm
 Weight 50 kg
 Supplied accessories Remote Commander RM-845P (1)
 Size AA (R6) battery (1)
 U/V mixer
 Optional accessories TV stand SU-K1G
 Magic Commander RM-829, RM-848

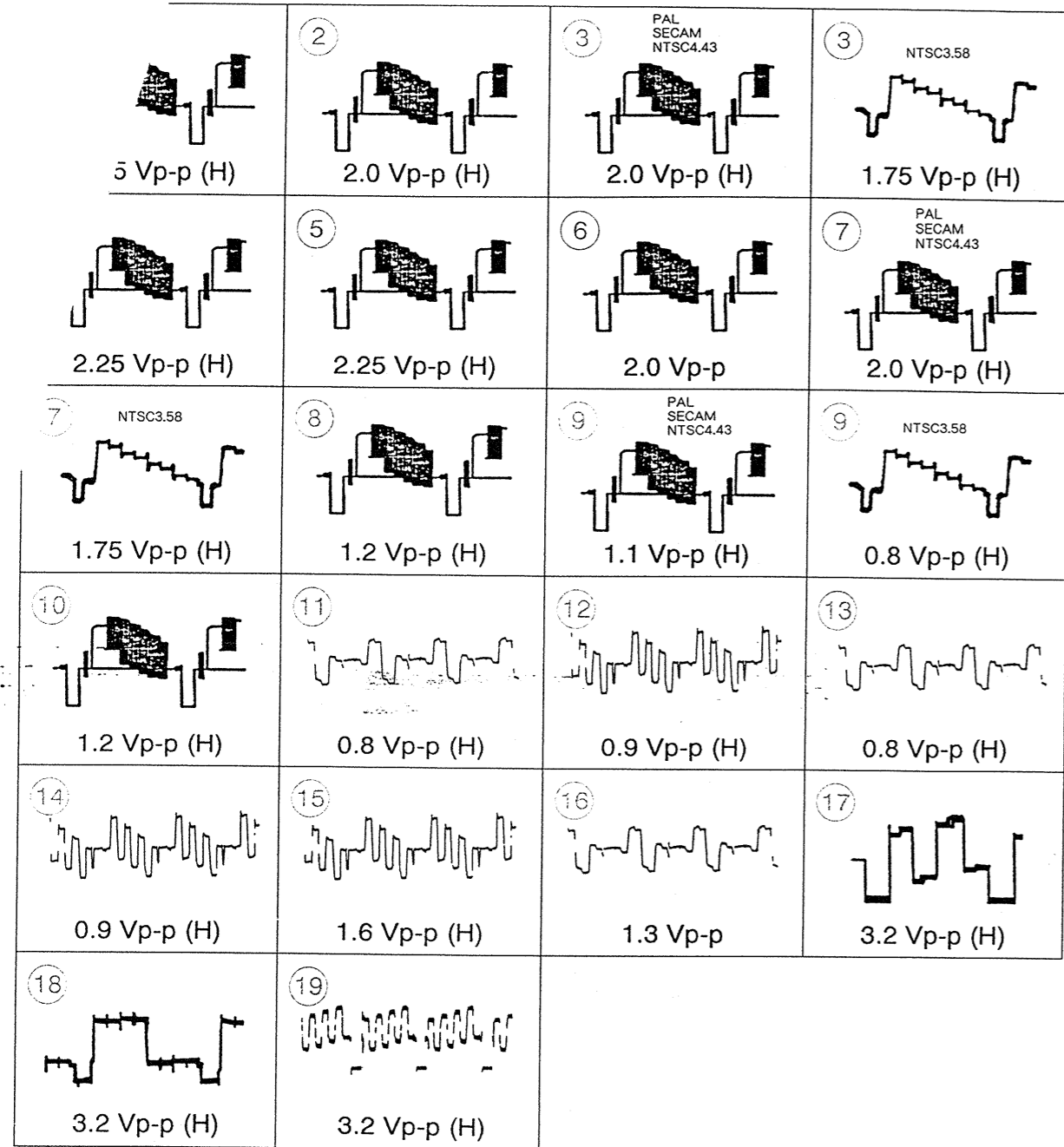
Design and specifications are subject to change without notice.



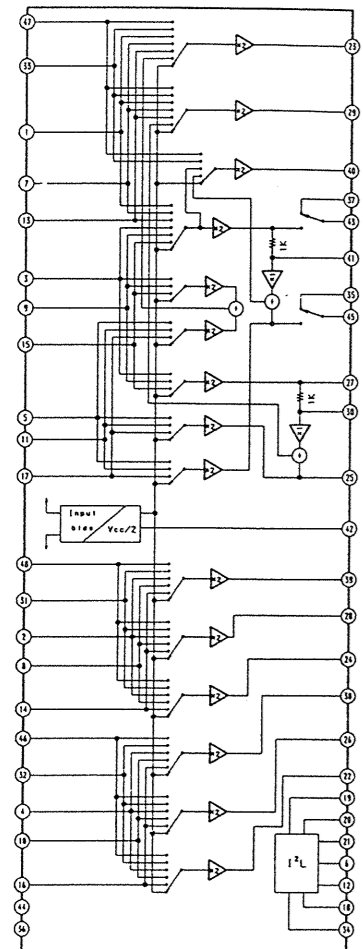
TRINITRON® COLOR TV
SONY®

Diagram of A Board

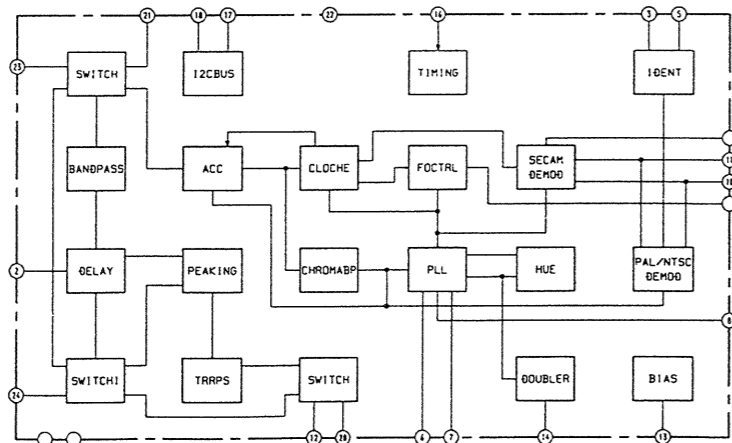
WAVEFORMS



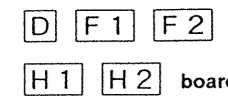
A Board IC201 CXA1545AS



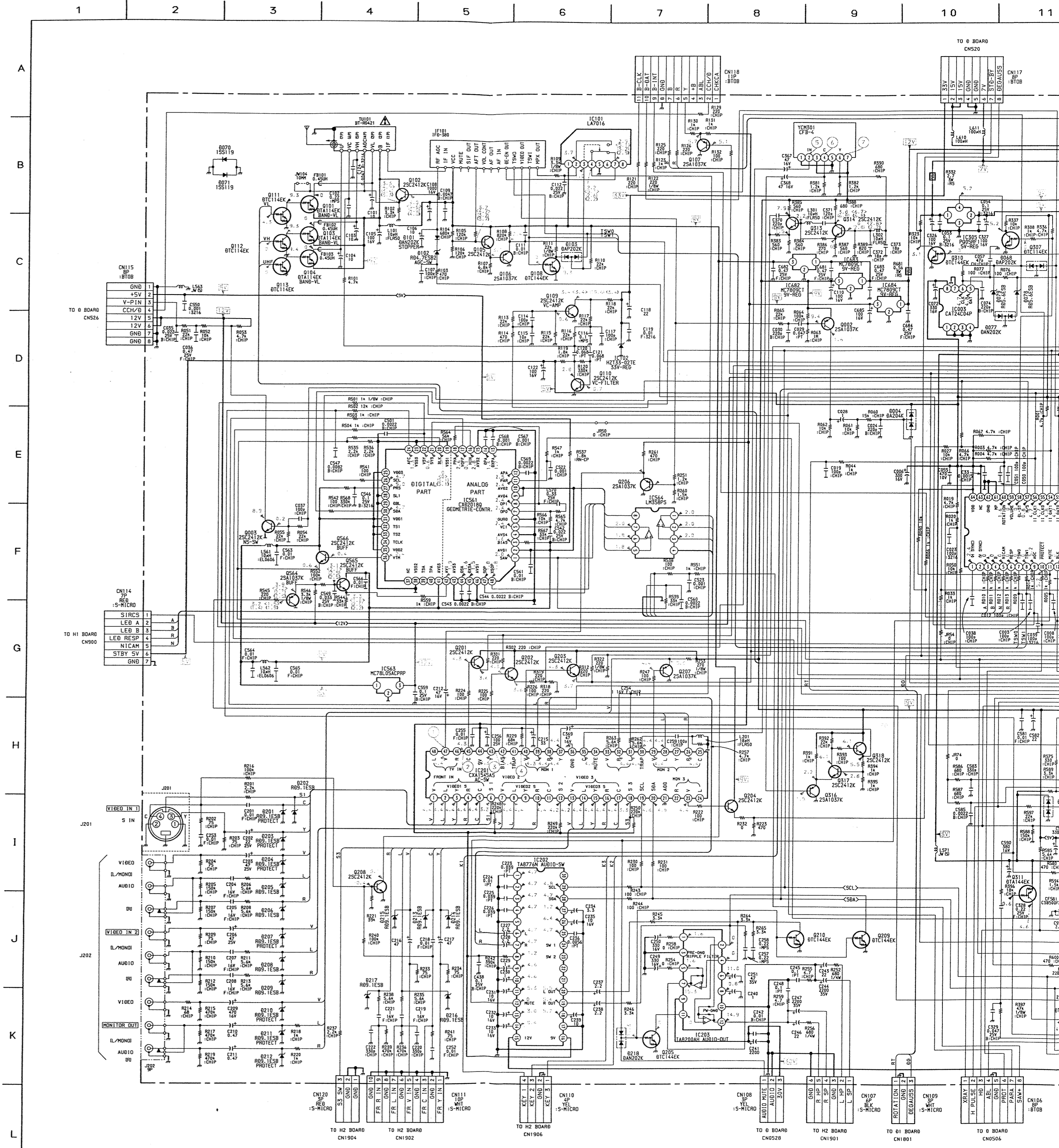
A Board IC301 TDA9145

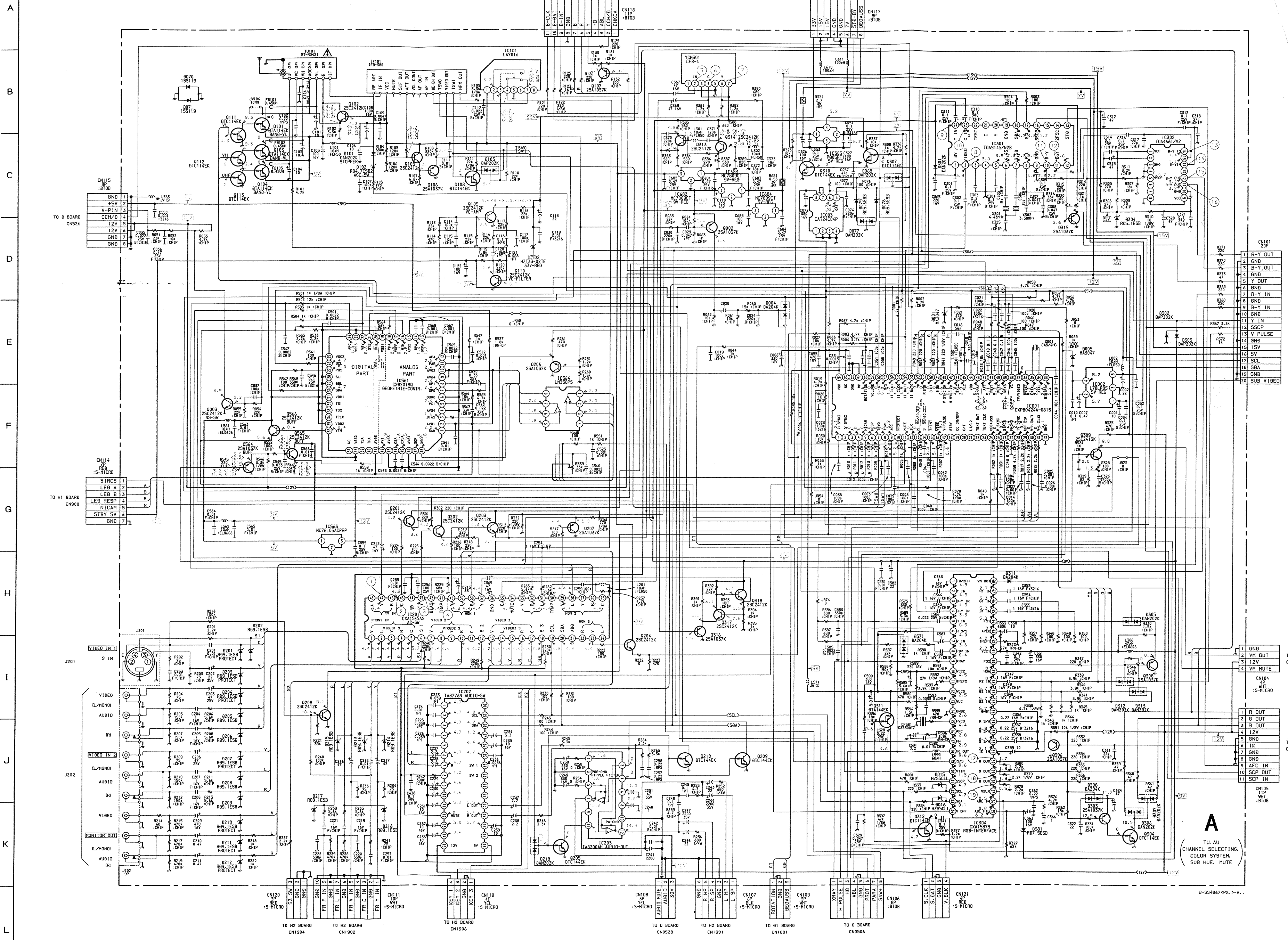


Schematic diagrams



Schematic diagram

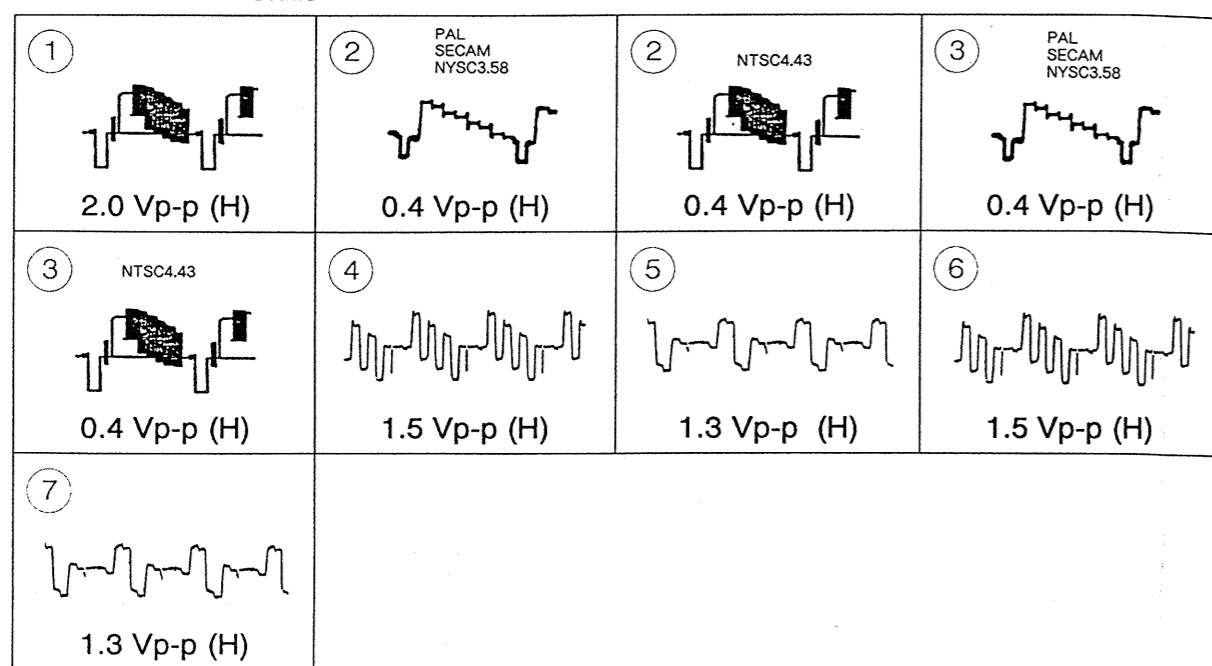




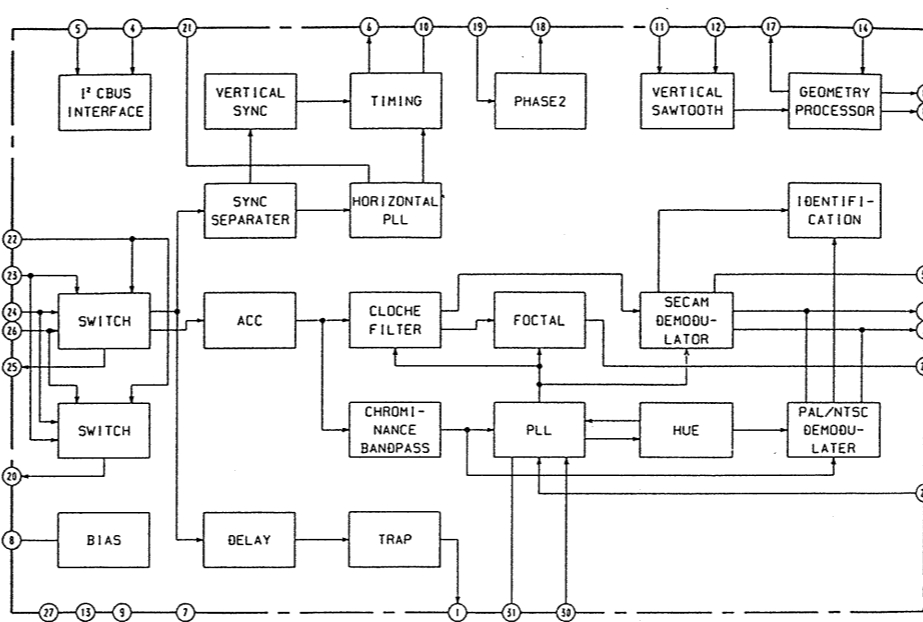
A
 TUA AU
 CHANNEL SELECTING,
 COLOR SYSTEM,
 SUB HUE, MUTE

B-554867-PK. >A..

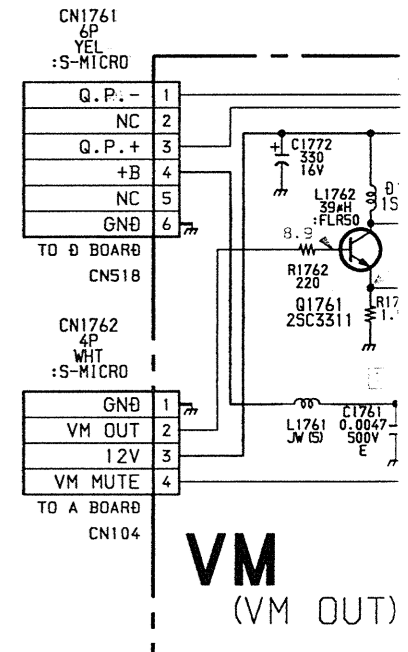
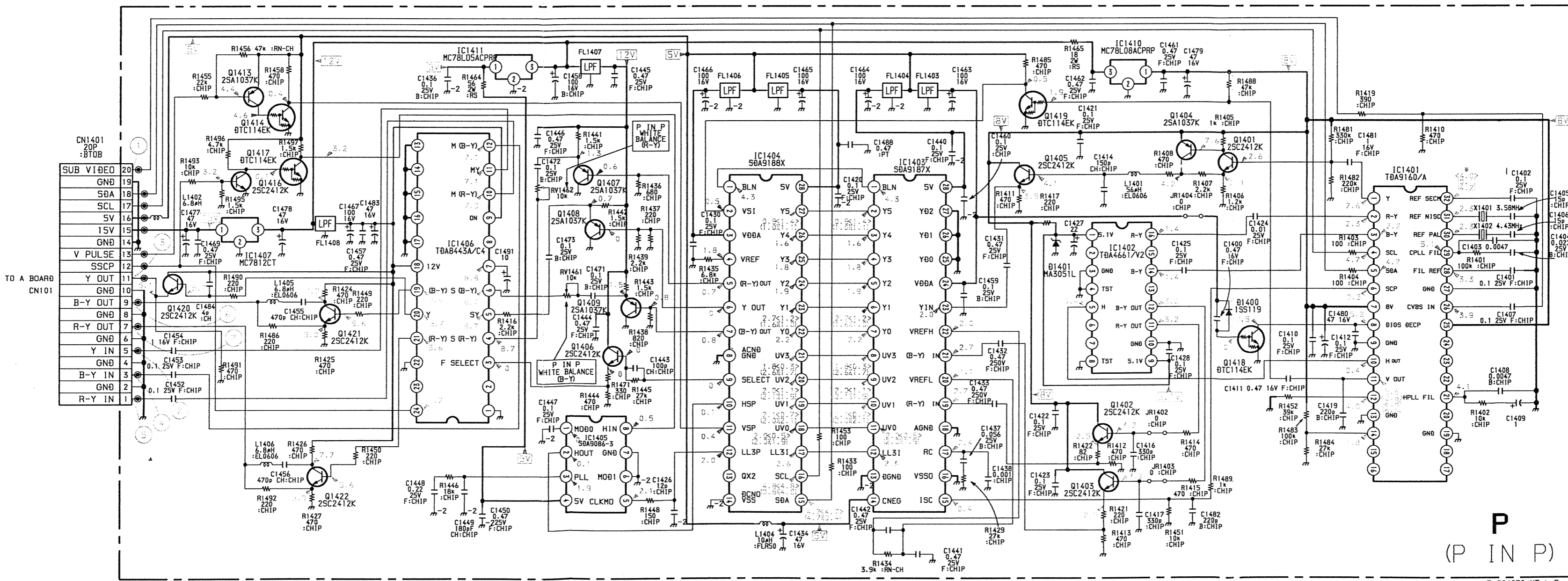
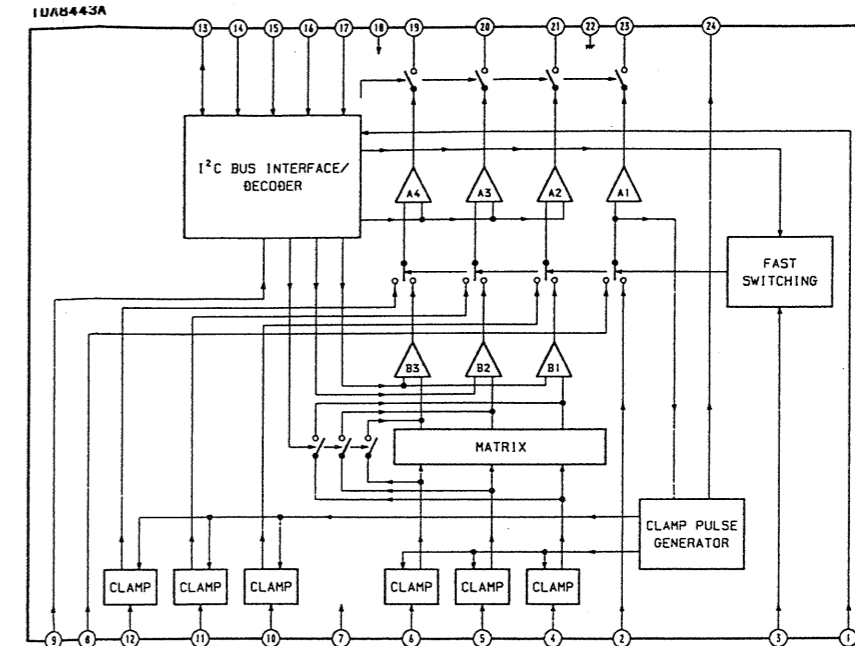
• P BOARD WAVEFORMS



P Board IC1401 TDA9160



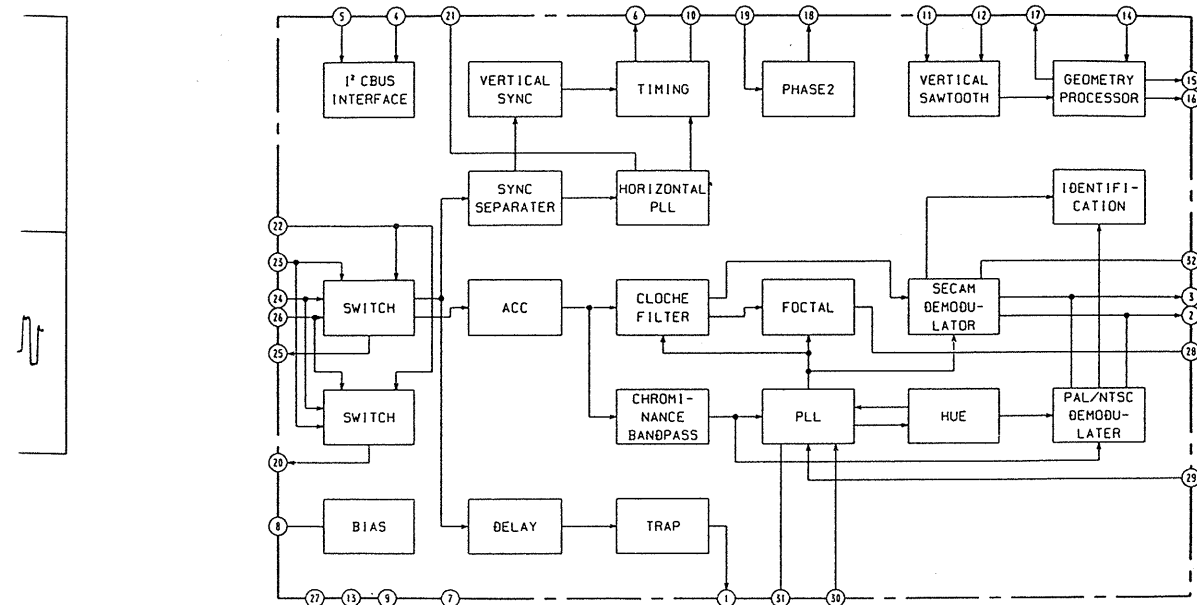
P Board IC1406 TDA8443A



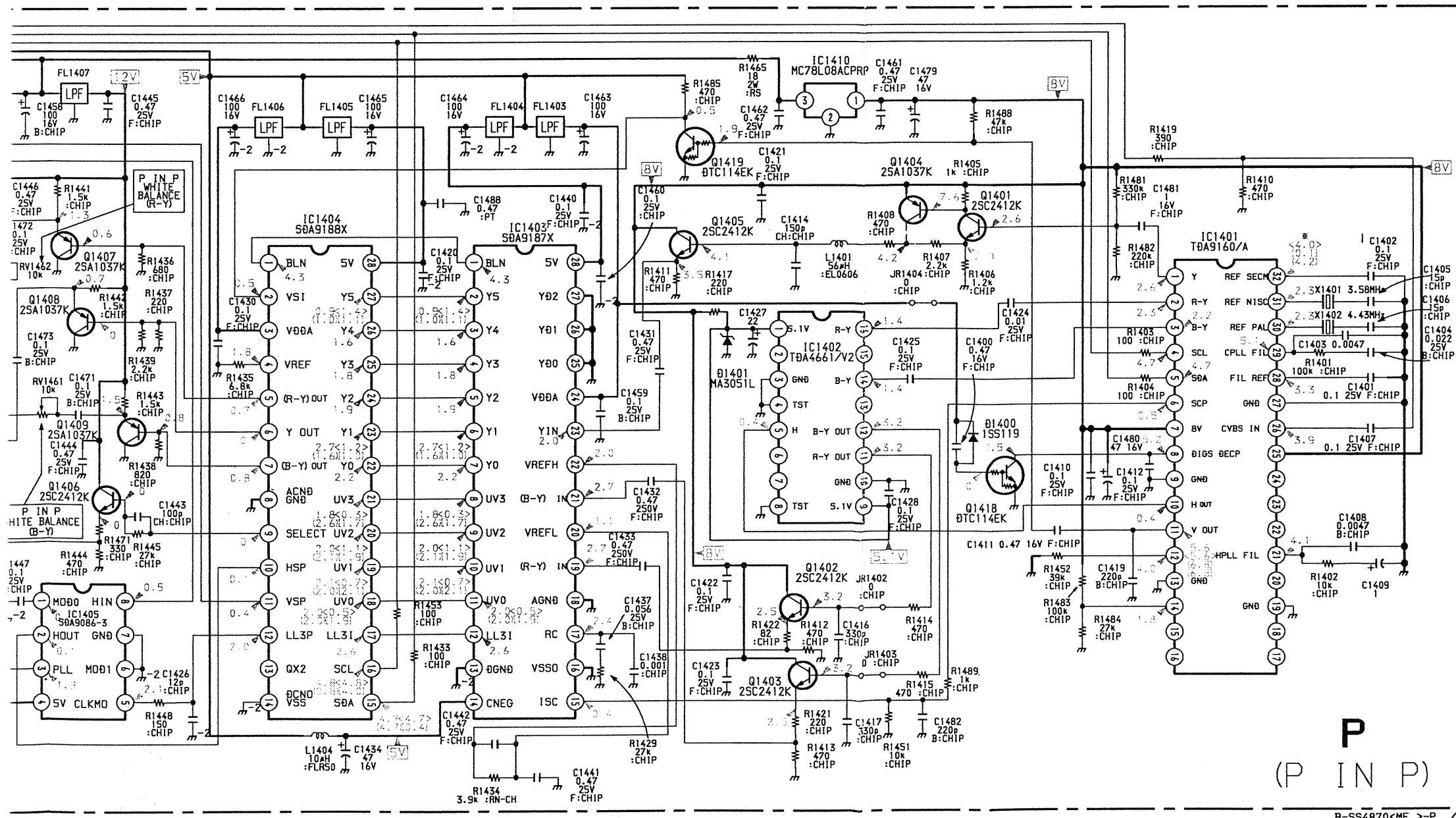
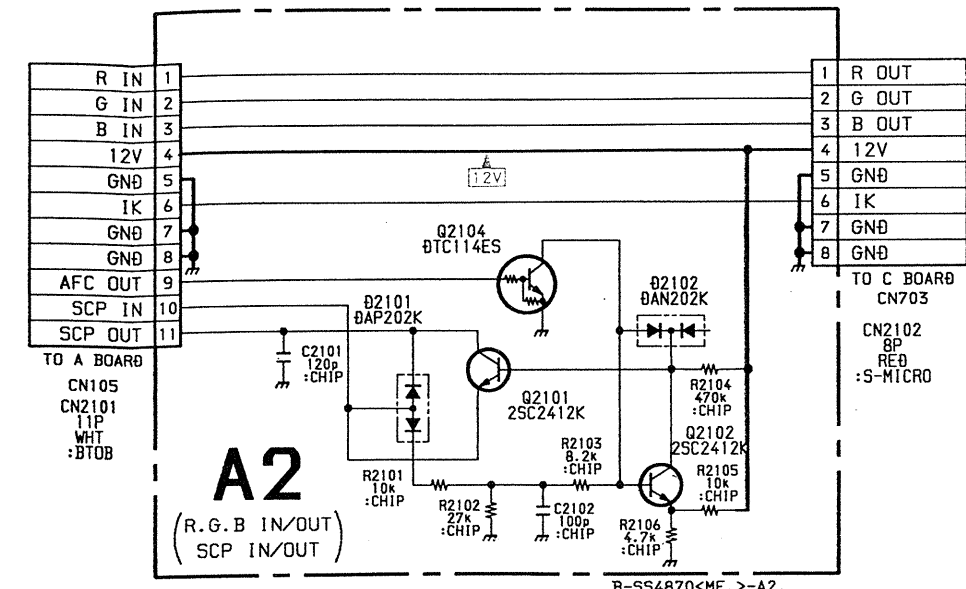
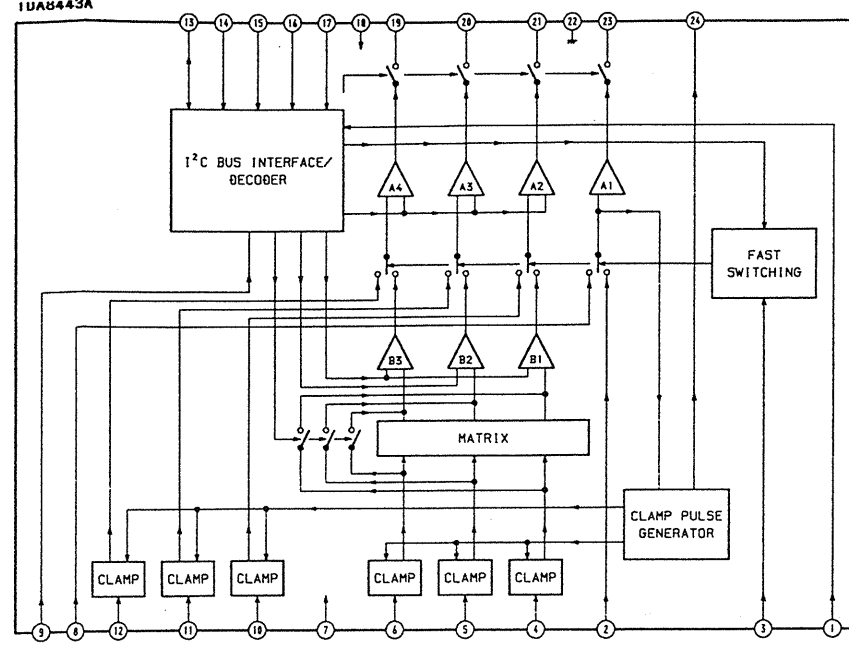
VM (VM OUT)

P (P IN P)

P Board IC1401 TDA9160

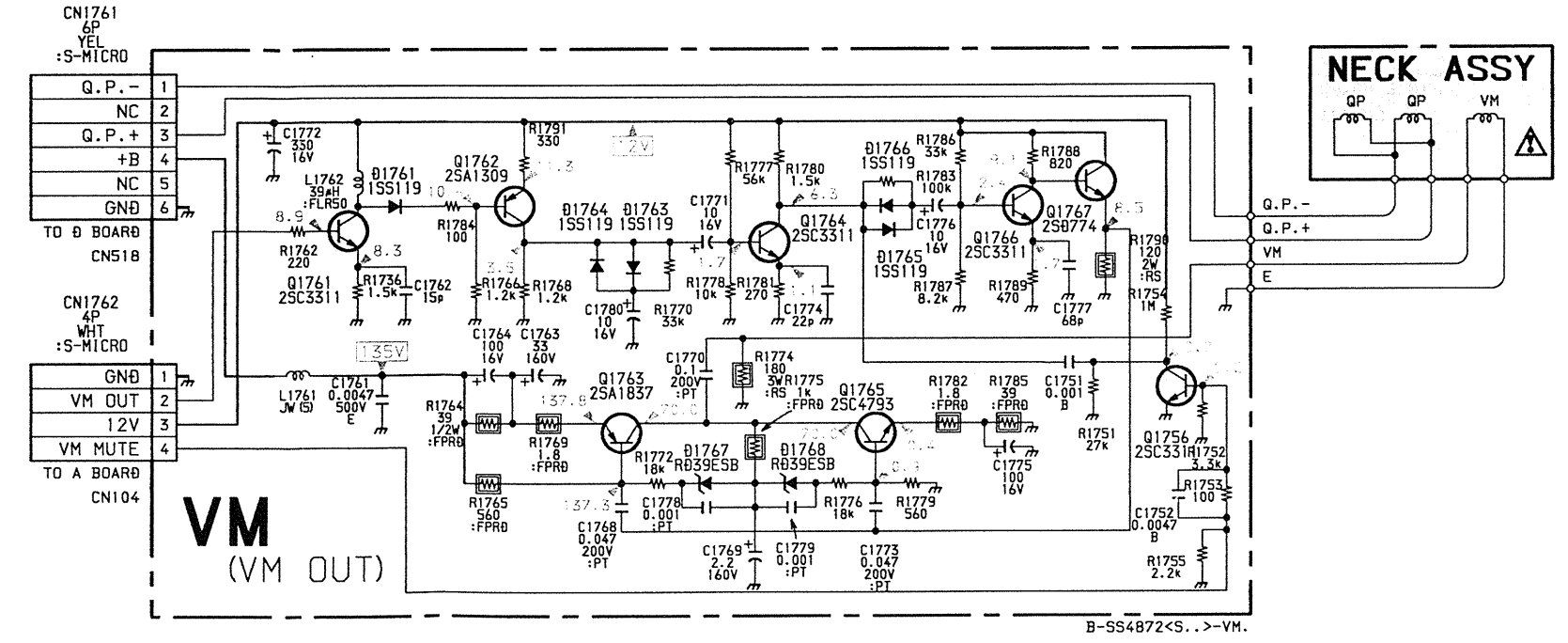


P Board IC1406 TDA8443A



P
(P IN P)

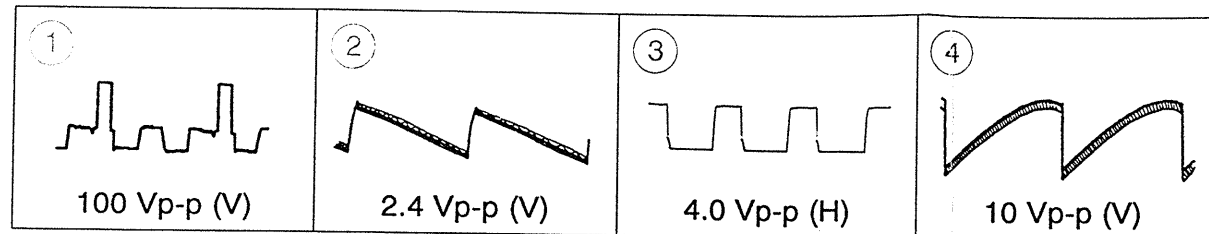
B-SS4870<ME>-P-1



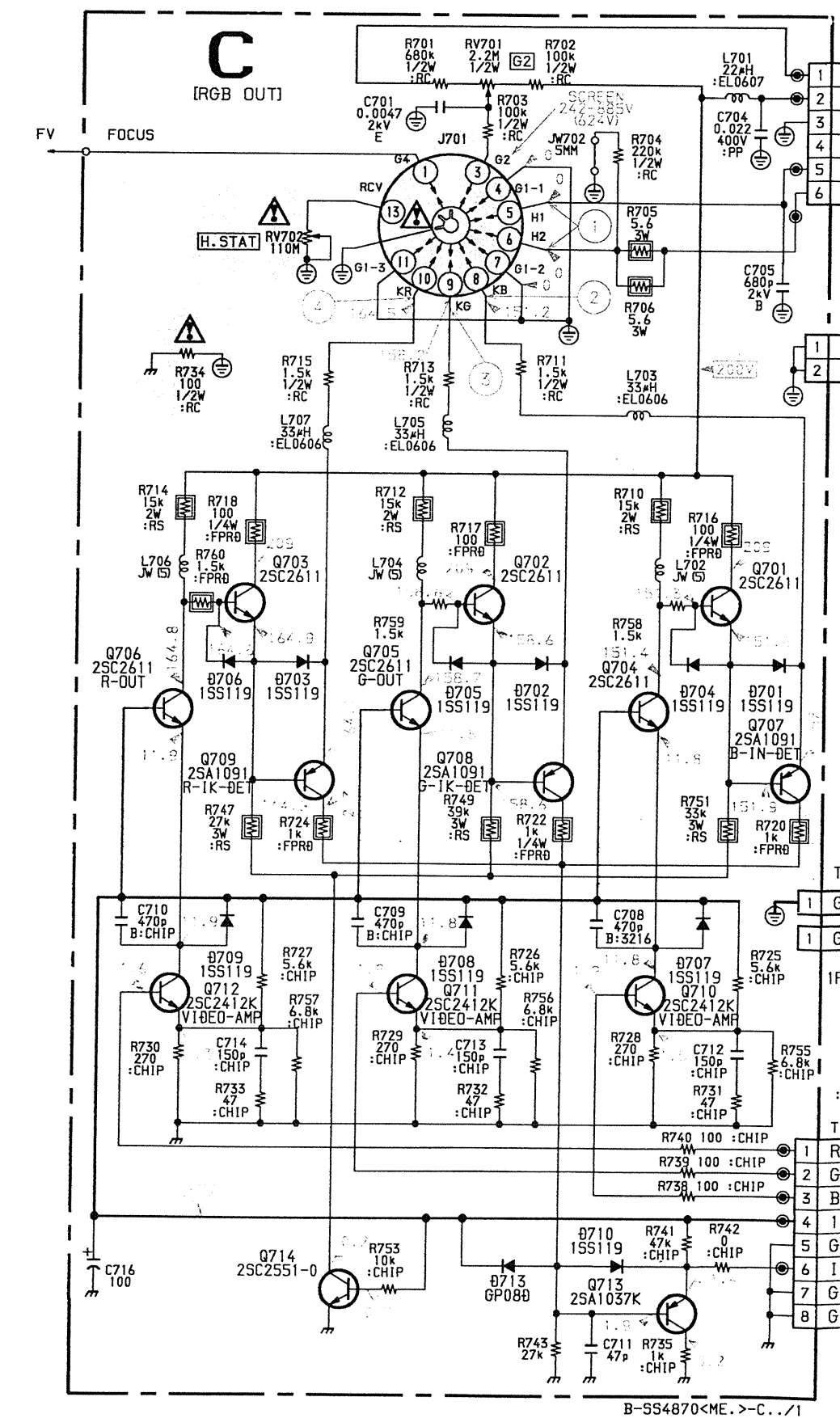
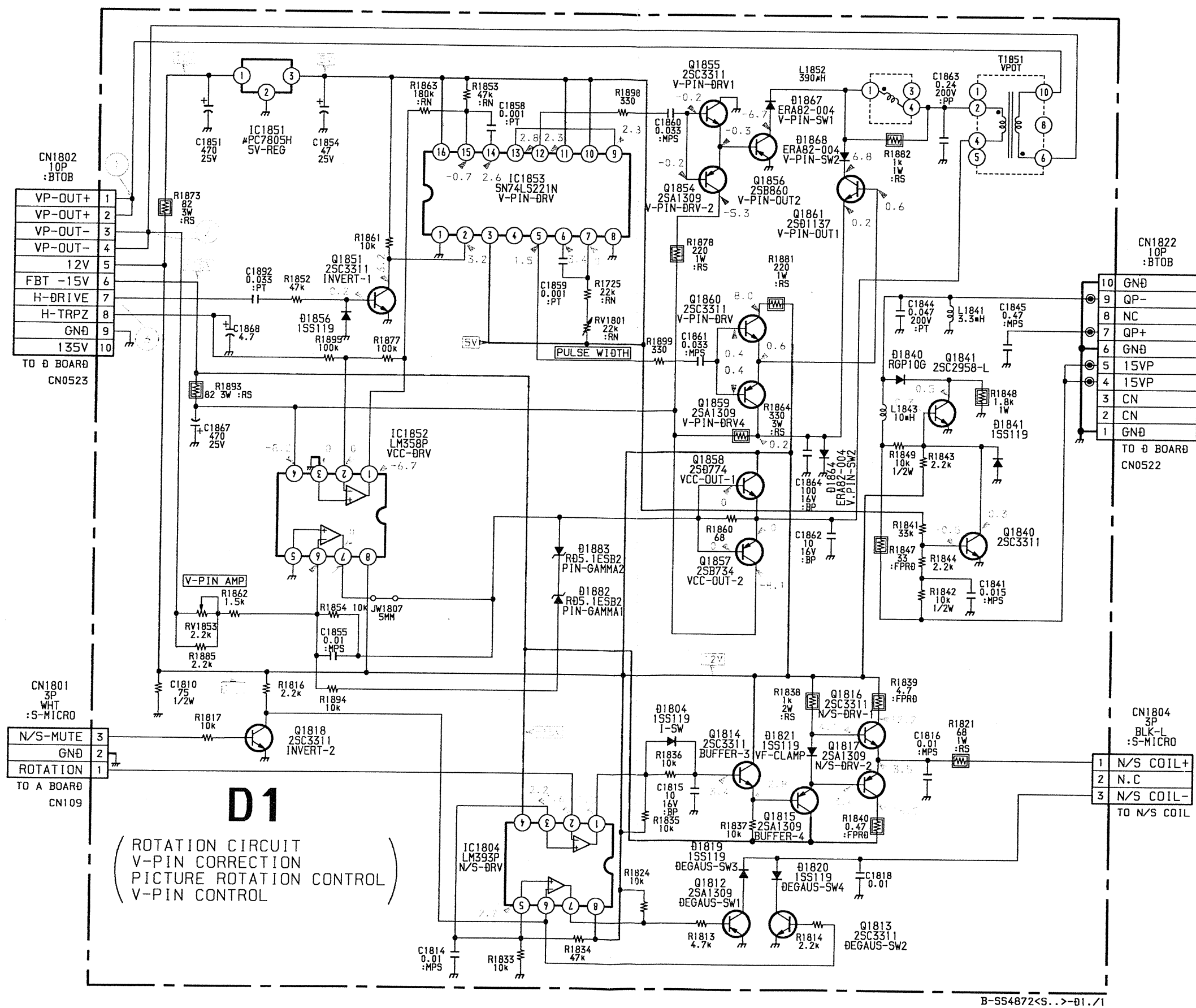
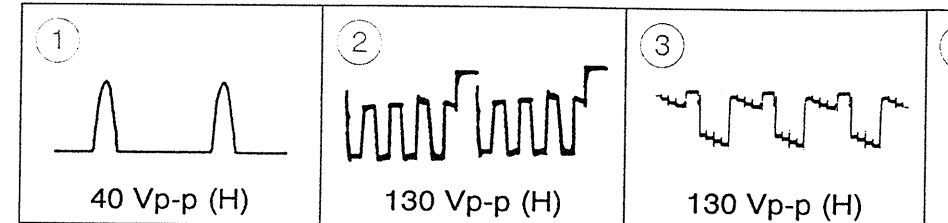
VM
(VM OUT)

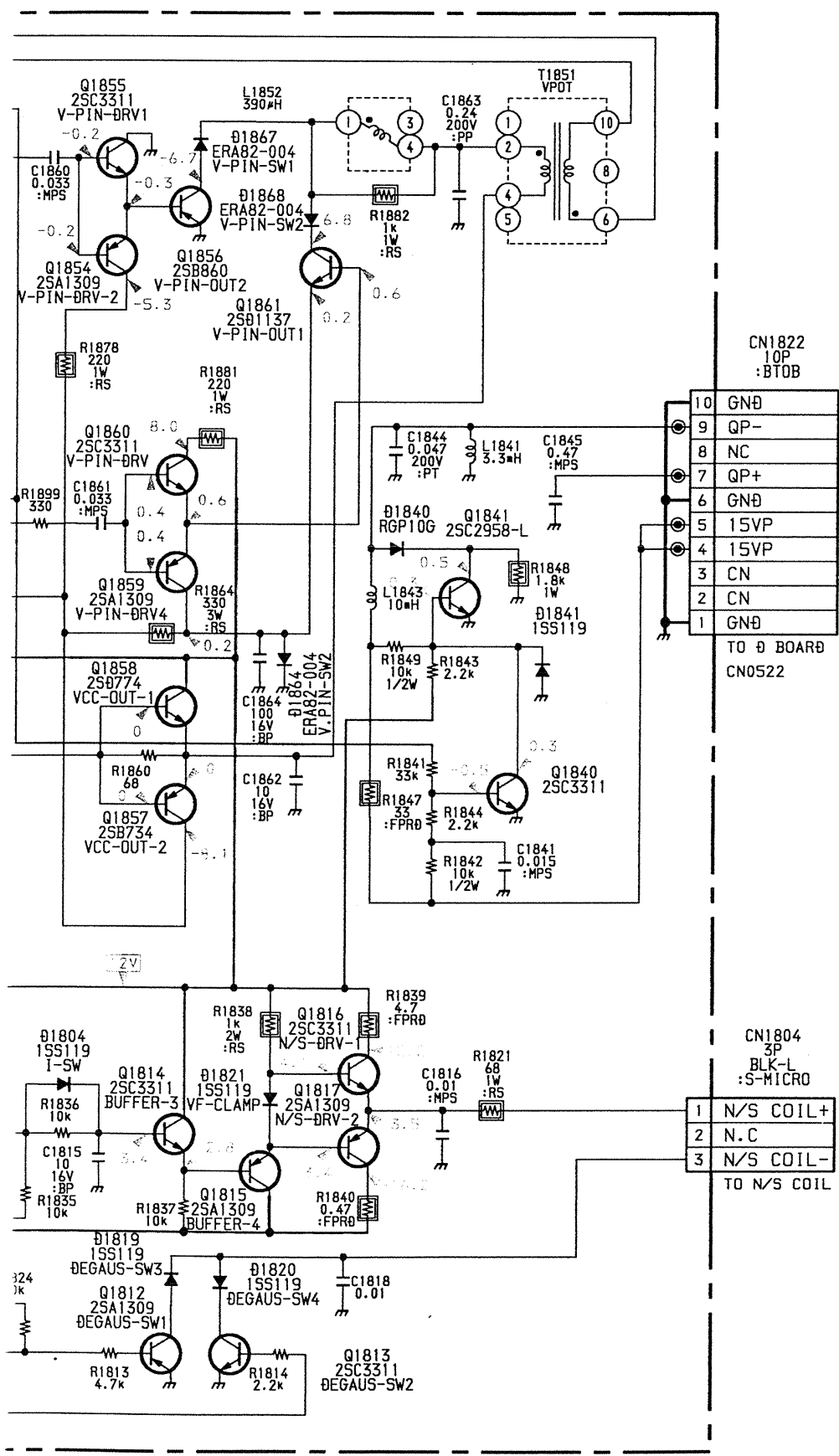
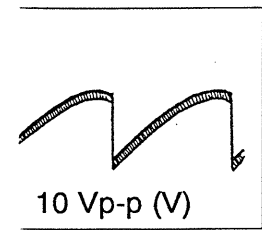
B-SS4872<S>-VM

• D1 BOARD WAVEFORMS

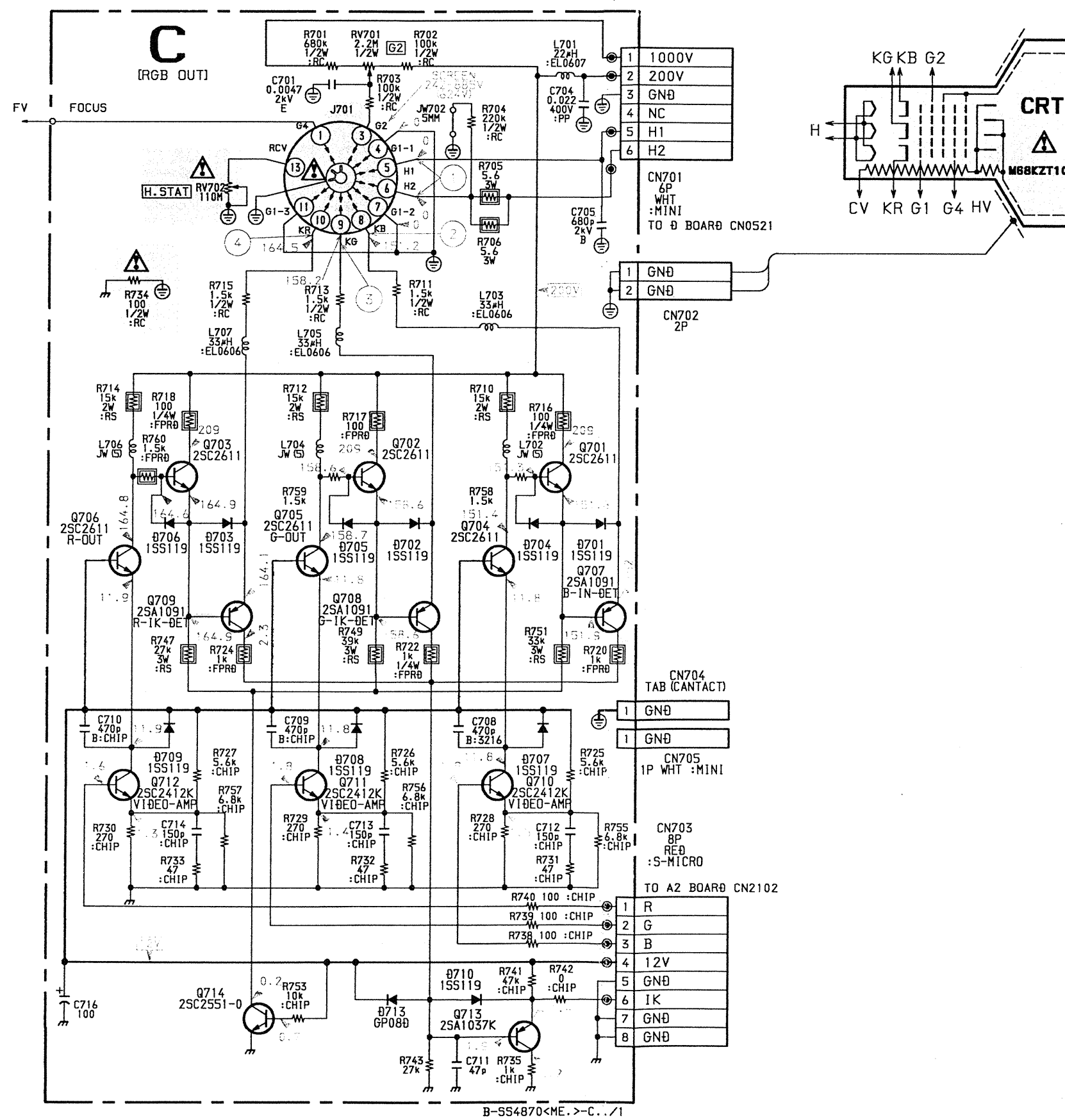
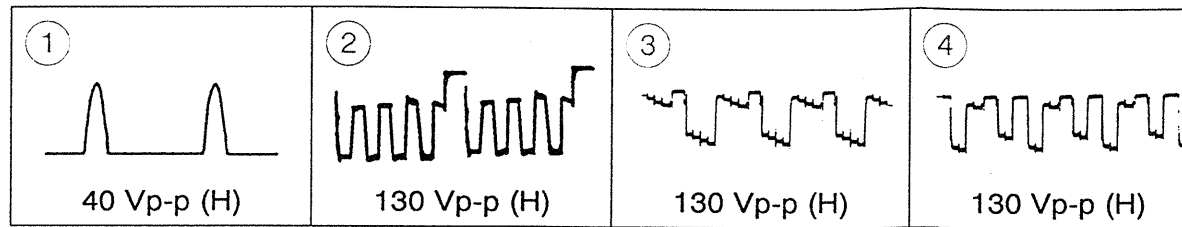


• C BOARD WAVEFORMS





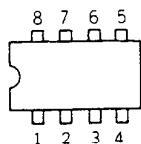
• C BOARD WAVEFORMS



E
F
G
H
I
J
K
L
M
N
O
P

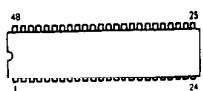
6-5. SEMICONDUCTORS

CAT24C04P
LM358P
LM393P
SDA9086-3
 μ PC358C
 μ PC393C



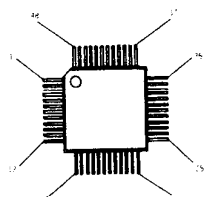
(Top view)

CXA1545AS
CXA1587S



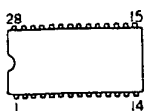
(TOP VIEW)

CXD2018Q



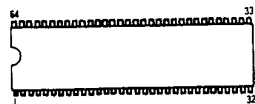
(TOP VIEW)

SDA9187X
SDA9188X



(Top view)

CXP80424
CXP80424-SV4652



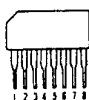
(Top view)

HZT33-02TE
 μ PC574J

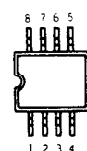


anode cathode

LA7016



LM358PS



(TOP VIEW)

L78LR05D-MA



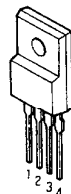
MC78L05ACPRP
NJM78L05A



MC7809CT
MC7812CT
NJM78M09FA
TA7805S
 μ PC7805H

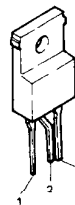


PQ05RF1

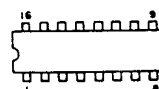


SE135N-LF12

1. V_{OUT}
2. V_{IN}
3. GND

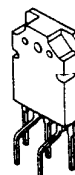


SN74LS221N
TDA4661/V2

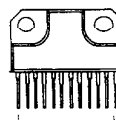


(TOP VIEW)

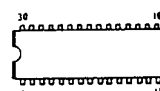
STR-81145A



TA8200AH

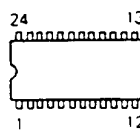


TA8776N



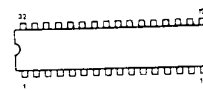
(Top view)

TDA8443A/C4
TDA9145
TDA9145/N2B



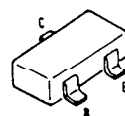
(Top view)

TDA9160/N2



(TOP VIEW)

DTA114EK
DTA144EK
DTC114EK
DTC144EK
2SA1037K
2SA1162-G
2SC2412K
2SC2412K-QR
2SC2413K
2SC2413KQ



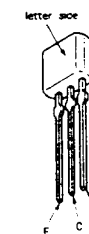
DTC114ES
DTC144ES



2SA1091-O
2SC2551-O



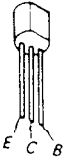
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2SA1309A
2SC2785-HFE
2SC3311A



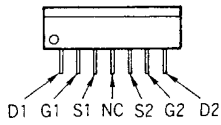
letter side

KV-K29CF1
RM-845P

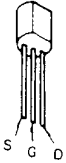
2SA1315-Y



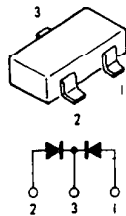
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2SA1837



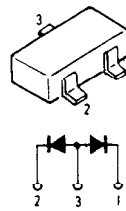
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2SB734-34
2SC2958-L
2SD774-34



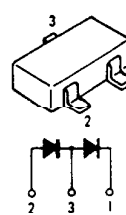
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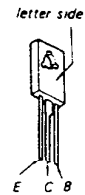
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2SB860



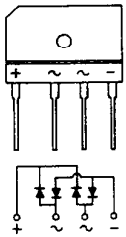
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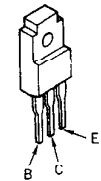
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2SC2688-LK
2SC3502-E
2SC3601-E



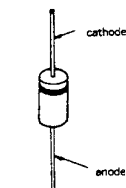
D4SB60L



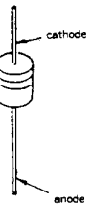
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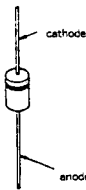
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EG01
EL-1Z
EU-1Z
EU-2
GP08D
RGP15G
RGP15J



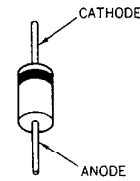
ERA82-004
ERA85-009
HZS5CLL-TD
RD10ES-B3
RD3.6ES-B1
RD33ES-B2
RD39ES-B
RD39ES-B2
RD4.7ES-B2
RD5.1ES-B
RD5.1ES-B1
RD5.1ES-B2
RD5.6ES-B
RD7.5ES-B
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RD9.1ES-B
RD9.1ESL
1SS119
1SS133



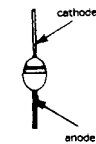
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RGP02-20EL-6394



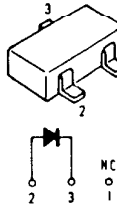
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RGP02-17
RGP02-17EL-6433
RU4AM
RU4DS



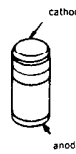
GP08
U05G



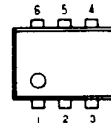
MA3047
RD4.7M-B2



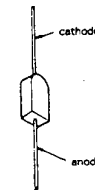
MA3051L-TX



PC111LS
PC111YS



RM11C



5P4M
5P6M

