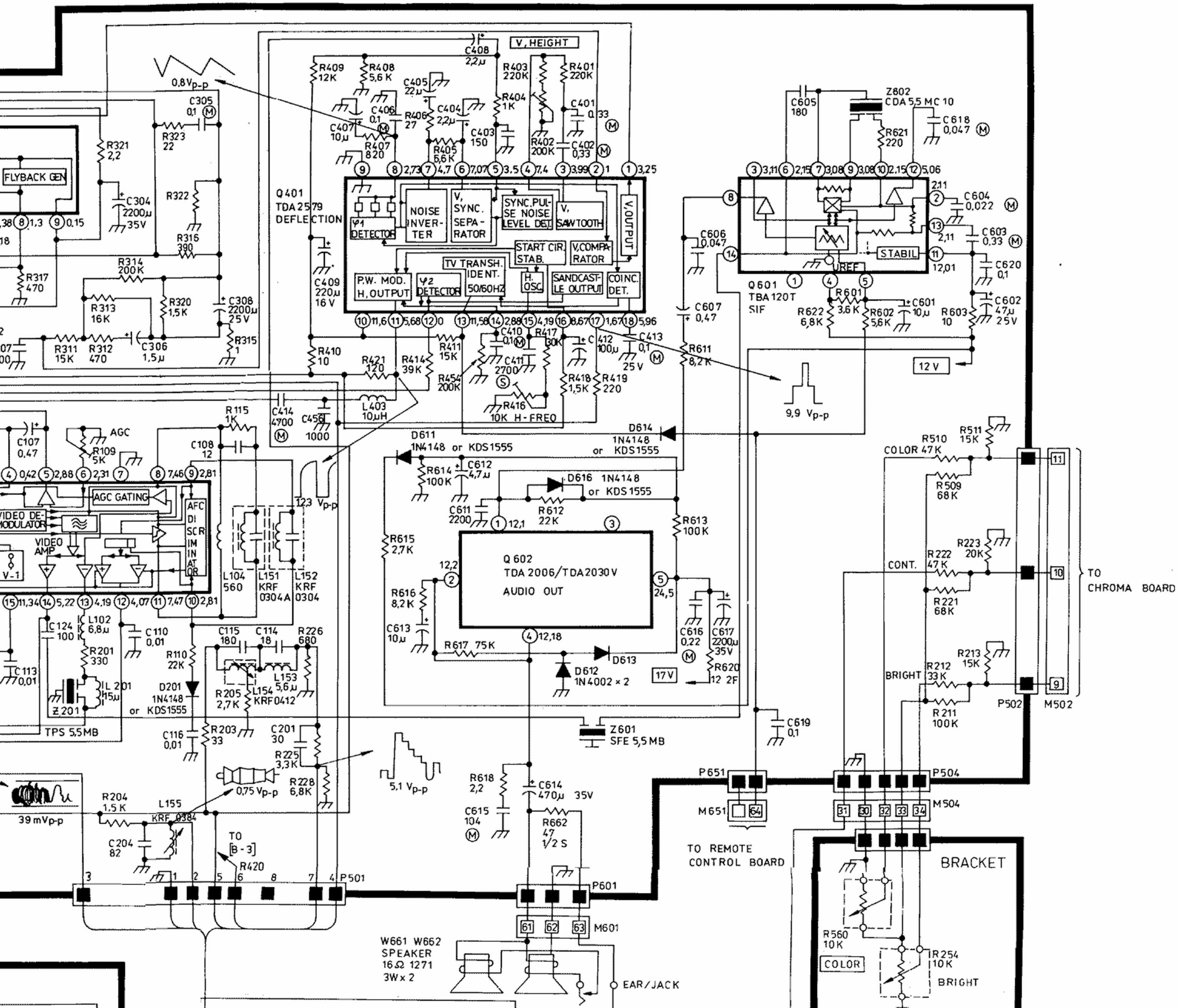
MAIN BOARD .(PW-1608)

P801 POWER CORD AC 220V 50 HZ
S801
M801
P801
MAINS FILTER
F801 1,6 A 250V
C805 0,33 KRF3009 AC 250V
L801
R802 PTH451C
C806 0,1 AC 250V
M901
P901
L901 DEGAUSSING 2137A
250 V
M802
P802
C801~804 2200 1KV×4
D801~804 BYW54×4
R801 2 5W
C807 220µ 400V
C809 1000 1KV
T801 KPW1901D
R807 1K 2R
D815
D805
L801
C809 10µ 100V
L802
BYW76×3
C810 8200 1,6KV
D806 BY228
L803
D807
L804
1400 Vp-p
Q403 BU508A
C824 2KV 470
R809 47
R836 4,7 1/2R
R808 2,7 5W
D820 1N4002
C811 4700 4KV
R804 3,9M V2S
D812 1N4001
208 Vp-p
R815 20K 5W
T802 KLN2001 AT4043/29
R816 3,6K
C813 270 1KV
D808 1N4002
R813 150K
R810 3,3M
R814 270K
Q802 2SC2482
D809 1N4002
C814 3300
R812 47 1/2W SKS
R817 5,6K
C819 47µ
D810 1N4002
C815 822 5i
R822 620
C816 0,33
Q810 CNY17 3z
R824 100K
R825 2,7K
R823 15K
Q807 KTC1815-Y
Q803 KTA1015 GR
R818 2K
R819 47K
C818 0,068
R826 10K
R827 6,8K
KTC1815-Y ×2
Q806
Q805
Q804
Q808 KTC 1815-Y×2
C822 4700
C821 103
R835 33K
C817 4700 1%
1,3 Vp-p
1,48 Vp-p
R820 12K
R821 82K
R828 15K
R829 68K
R811 470
R830 20K
R831 6,2K
R832 2,7K
R833 30K 1% 1/4R
R834 8,2K 1% 1/4R
C820 1µ
D811 05Z 6,2Y or RD6,2 EB3
Q809 KTA 1015-Y
T461 AT 2077/80
D814 1N4148 or KDS1555
C160 0,01

TO CRT BOARD
HIGH
FOCUS
SCREEN
M902
P902
H-DY
V-DY
M401
P401
R444 10K 1R
C445 22µ
D442 3,9V
R420 1,2K
C443 0,68 250V
C441 270 1KV
R446 180K ABL
R445 100K
R441 SKS 0,22
D441 BYW13
C444 470 2KV
C442 22µ 250V
R442 470
R443 1K 2W
L402 KLN2045 LIN COIL
TO [D-6]
P501 #6
200 V
C451 270 1KV
17 V
Q 450 7812
25 V
R451 SKS 0,22
D451 BYW34
C452 220µ
C455 270 1KV
26 V
R452 SKS 0,22
D452 BYW34
C454 2200µ 35 V
C453 0,33
12 V
R106 13K
R107 47
C104 2,2µ
R113 6,8K 2R
R118 8,2K 2R
D101 UPC 574 J
C106 2,2µ
R108 100K
Q 101 TDA4437 PIF
Z101 TSF 1309 SAW FILTER
CONTROL VOLAGE AMP
IF AMP
4,86
4,89
Q301 TDA3653 VERT. OUT
THERMAL PROTECTION
OUTPUT STAGE PROTECTION
VOLAGE REG
DRIVER
OUTPUT STAGE
C301 0,01
R319 6,8K
C302 470
47 Vp-p
C303 100µ
D301 1N400
R105 1
C101 100µ 25V
C119 47µ
L101 22
R111 6,8K
R207 4,7
R112 3,3
H 001 UHF/VHF TUNER 1601 DKC VT
AGC
+B
IF
VL
VH
U
R101 10K
C123 0,022
5V
R102 1,2M
R104 47K
C118 0,1
C103 1µ
C102 1µ
C120 1µ
R 103 47K
R 206 300Ω
R202 47
Q 201 KTC 1815-Y
P103
P101
P104
M103 M003
M101
M104 M004
TO REMOTE CONTROL BOARD
TO CRT BOARD
99

PW 1637
SR 801
VS12M
P002
M002
D006 1N4148
Q 009 KTC 2120Y
R020 10K
P003
P004
C072 1000
Q 021
[D-3] R018
Q 010


0,8 Vp-p
C305 0,1
R323 22
R321 2,2
FLYBACK GEN
C304 2200µ 35V
R322
R316 390
R314 200K
R317 470
R313 16K
R320 1,5K
C308 2200µ 25V
R315 1
R311 15K
R312 470
C306 1,5µ
C408 2,2µ
V, HEIGHT
R409 12K
R408 5,6 K
C405 22µ
R403 220K
R401 220K
C406 0,1
C404 2,2µ
R404 1K
C401 0,33
C407 10µ
R406 27
C403 150
R407 820
R405 5,6K
R402 200K
C402 0,33
Q 401
TDA 2579
DEFLECTION
NOISE INVER-TER
V, SYNC. SEPA-RATOR
SYNC.PUL-SE NOISE LEVEL DET.
V, SAWTOOTH
V.OUTPUT
φ1 DETECTOR
START CIR. STAB.
V.COMPA-RATOR
TV TRANSH. IDENT. 50/60HZ
P.W. MOD. H.OUTPUT
φ2 DETECTOR
H. OSC.
SANDCAST-LE OUTPUT
COINC. DET.
C409 220µ 16 V
R410 10
R421 120
R414 39K
R411 15K
C410 0,1
C411 2700
R454 200K
R417 30K
C412 100µ
C413 0,1 25 V
R418 1,5K
R419 220
R416 10K H-FREQ
L403 10µH
C414 4700
C456 1000
Z802 CDA 5,5 MC 10
C605 180
C618 0,047
R621 220
C604 0,022
C606 0,047
C603 0,33
C620 0,1
STABIL
UREF
Q601 TBA 120T SIF
R601
C601 10µ
C602 47µ 25V
R622 6,8K
R602 5,6K
R603 10
C607 0,47
R611 8,2K
12 V
9,9 Vp-p
R115 1K
C107 0,47
AGC
R109 5K
C108 12
VIDEO DE-MODULATOR
AGC GATING
AFC DI SCR IM IN AT OR
VIDEO AMP
123 Vp-p
L104 560
L151 KRF 0304A
L152 KRF 0304
D611 1N4148 or KDS1555
D614 1N4148 or KDS1555
R614 100K
C612 4,7µ
D616 1N4148 or KDS1555
C611 2200
R612 22K
R613 100K
R615 2,7K
Q 602
TDA 2006/TDA2030V
AUDIO OUT
R616 8,2K
C613 10µ
R617 75K
D613
D612 1N4002 x 2
17 V
C616 0,22
C617 2200µ 35V
R620 12 2F
C124 100
L102 6,8µ
C110 0,01
C115 180
C114 18
R226 680
R201 330
L 201 15µ
Z 201
TPS 5,5MB
R110 22K
D201 1N4148 or KDS1555
L153 5,6µ
R205 2,7K
L154 KRF 0412
C116 0,01
R203 33
C201 30
R225 3,3K
R228 6,8K
0,75 Vp-p
5,1 Vp-p
Z601 SFE 5,5 MB
C619 0,1
R618 2,2
C614 470µ 35V
C615 104
R662 47 1/2 S
39 mVp-p
R204 1,5 K
L155 KRF 0384
C204 82
TO [B - 3]
R420
P501
P601
P651
P504
M651
M504
M601
TO REMOTE CONTROL BOARD
W661 W662 SPEAKER 16Ω 1271 3W x 2
EAR/JACK
BRACKET
R560 10K
COLOR
R254 10K
BRIGHT
R510 COLOR 47K
R511 15K
R509 68K
R222 47K
CONT.
R223 20K
R221 68K
R212 33K
BRIGHT
R213 15K
R211 100K
P502
M502
TO CHROMA BOARD

REMOTE CONTROL BOARD PW1618

PW1619

T803 KRF2431D

D017 - D020 1N4002×4

Q815 2SD1052A

R840 1R 6,8

C820 2200u 25V

R089 2M

P005

M005

R019 10 2R

R002 1,2K

C005 100µ 25V

R021 47K

R017 10K

Q006 KTA 1015-Y

C017 1000

Q 006 M705B1

C025 1000

R018 10K 1/16

TO Q002

5 V

D020 KLR321

D019 KLR226E

D/C

MA

D016

D015

R010~016 220×7 1/16×7

Q 005 N2001A

D017 D015~017 1N4148×3 or KDS1555

C004 470µ 16V

R066 1 1/16

R008 10K 1/16

R009 10K 1/16

R007 10K 1/16

Q017

Q018

Q016

Q 016~018 KTA 1015-Y

R004 4,7K 1/16

R005 4,7K 1/16

R006 4,7K 1/16

Q 001 M3870GCBI

R061~065 820×5

Q 025 KTC 1815-Y

R072 11K

D020 05Z 3,2Y

D021 KDS1555 or 1N4148

D012 PH302

D013, 014 1N4148 or KDS1555

R048 100K

D011

R049 150K 1/16

R050 820 1/16

D013

D014

C009,010 390×2

D008

D009

D010

C014 104 (M)

R047 2,2K 1/16

C012 10µ 50V

Q 003 TDA2320

C016 472 (M)

D008~011 1N4148×4 or KDS1555

R046 1K 1/16

R051 150K 1/16

R052 2,2K 1/16

5 V

P006

M006

C078 0,047µ

KTA1015-Y

R093 22K 1/16

R098 10K 1/16

12V

[D-5]

R038

C094 0,1

R097 10K 1/16

R092 3,3K 1/16

R091 82K 1/16

R096 50K

Q 020 TDA4433

R085 240 1/16

C093 223 (M)

C091 0,47µ

R090 5,6K 1/16

C092 150

R095 10K 1/16

Q022 KTC 1815-Y

R081 2,2K 1/16

R083 470 1/16

R094 100K

D018 1N4148 or KDS 1555

C095 1µ

R082 56K 1/16

R084 10K 1/16

C077 470µ 16V

R003 5,6K

R088 5,6K 1/16

R087 39K

R069 4,7K

D005 DZX83C5V1

C003 103

C036 1000

C041 103

C002 47µ 25V

R086 1K

Q023 KTC1815-Y

Q024 KTC 1815-Y

KTC 1815-Y

R038 2,7K 1/16

R036 2,2K 1/16

R037 1,8K 1/16

C008 1µ

Q012 KTA 1015-Y

R029 18K 1/16

R031 8,2K 1/16

R030 10K 1/16

Q 002 M206B1

DAA DAS DAS MS MT B0 B3 B2 B1 TEST PMC PO1 OL PCO

GND DA3 DA2 DA1 VD02 VD01 CL IN CL OUT CL BUF RC OUT RC IN SBD SBE SBC

R079 10K 1/16

R033 10K 1/16

R034 10K 1/16

#6 #5 TO Q 006

R035 820 1/16

C018 470µ 16V

L001 AZ9004Y

R055 1/16 10K

Q 014

KTA 1015-YX2

R054 10K 1/16

Q 015

Q 019 KTA1015-Y

R071 10K 1/16

Q 013 KTA 1015-Y

C029 10µ

C027 473 (M)

C028 684 (M)

C033 103

R060 6,8K

Q 004 LS776CB

R058 22K

C031 10µ

R059 22K 1/16

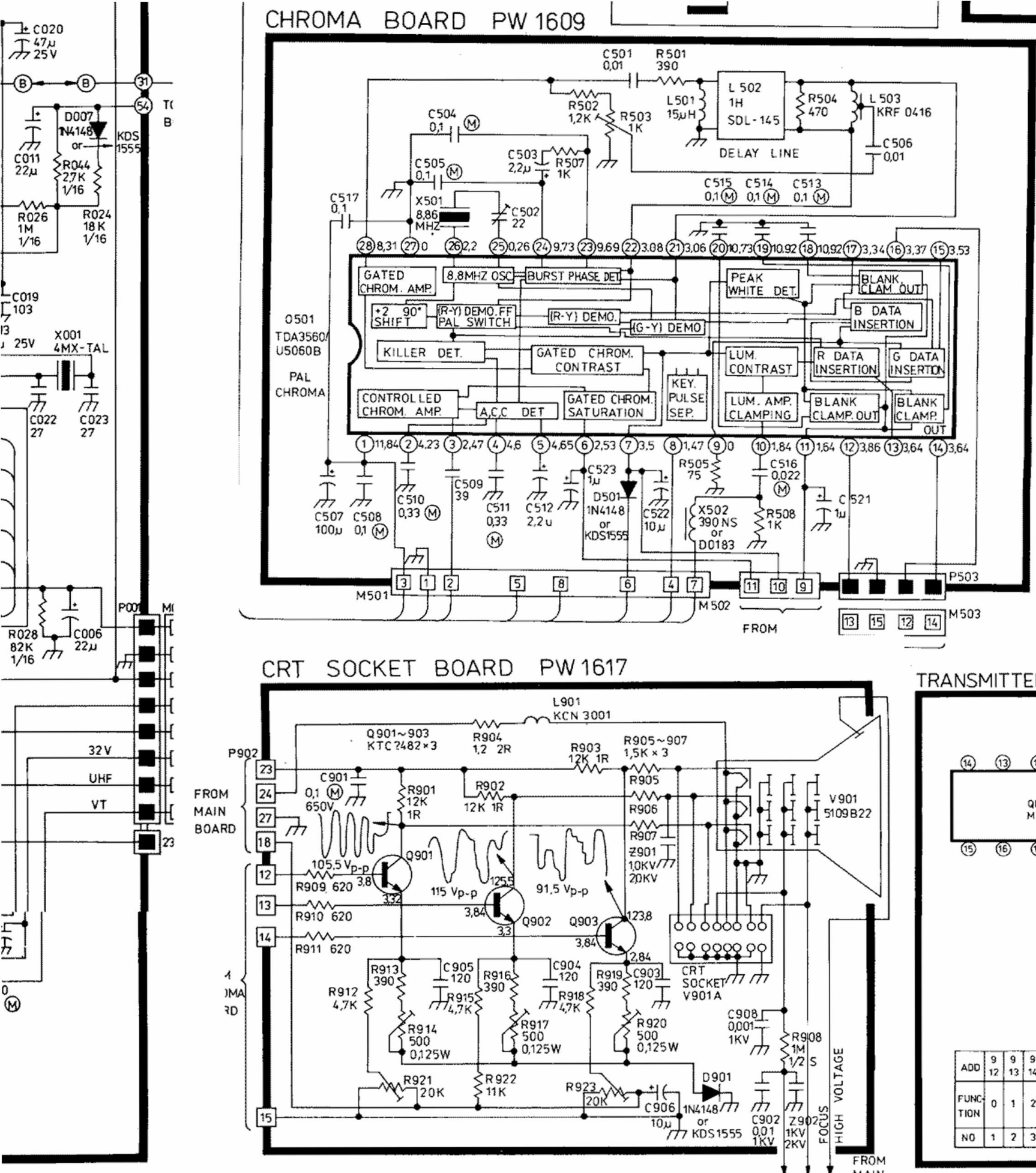
R057 1M 1/16

R056 220 1/16

C03 0,1

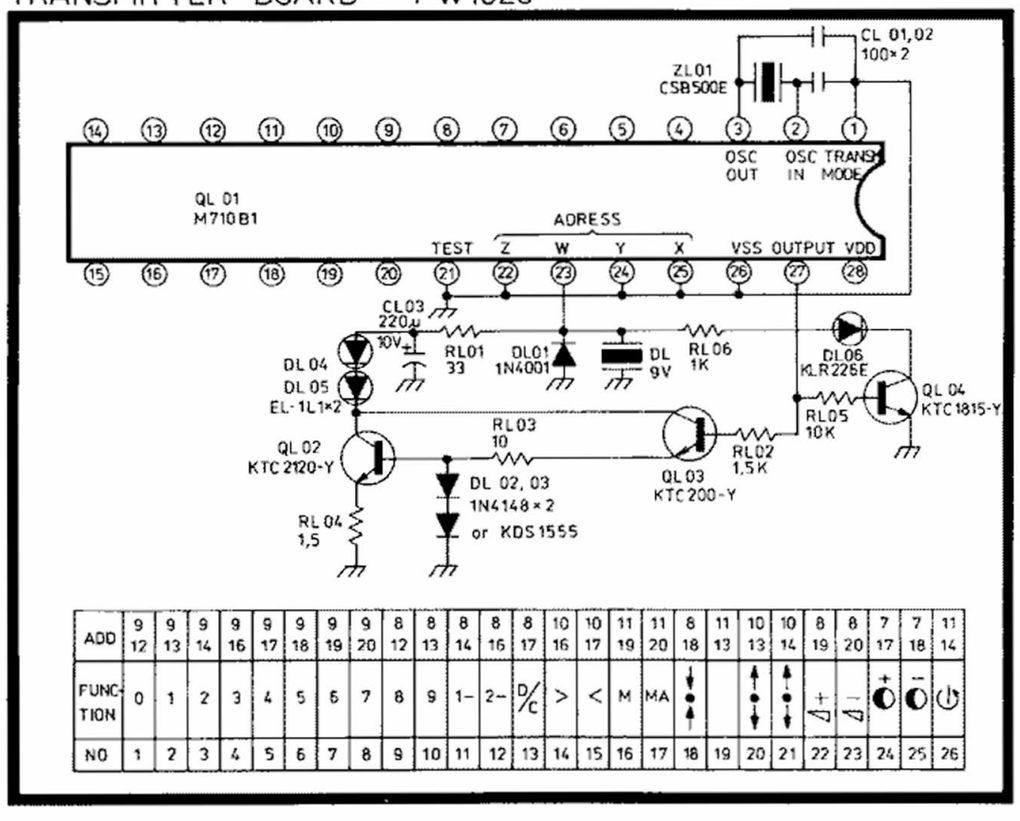
CLATRONIC
CTV 150/148

CHROMA BOARD PW 1609



CRT SOCKET BOARD PW 1617

TRANSMITTER BOARD PW1620



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FUNC-TION	0	1	2	3	4	5	6	7	8	9	1–	2–	D/C	>	<	M	MA	↕		↕	↕	Δ+	Δ–	◐+	◐–	⏻
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