MAIN BOARD (PW-1608)

P801 POWER CORD AC 220V 50 HZ
MAINS FILTER
F801 1,6A 250V
S801
L801 KRF3009
DEGAUSSING 2137A
T801 KPW1901D
250 V
AC 250V
P801 M801 P802 M802 P901 M901 P902 M902 P401 M401
TO CRT BOARD
HIGH
FOCUS
SCREEN
THERMAL PROTECTION
OUTPUT STAGE PROTECTION
VOLAGE REG
FLYBACK GEN
DRIVER
OUTPUT STAGE
Q301 TDA3653 VERT. OUT
Q401 TDA2579 DEFLECTION
V. HEIGHT
NOISE INVERTER
V. SYNC. SEPARATOR
SYNC PULSE NOISE LEVEL DET
V. SAWTOOTH
V. OUTPUT
V1 DETECTOR
START CIR. STAB.
V. COMPARATOR
PW. MOD. H. OUTPUT
V2 DETECTOR
H. OSC
SANDCASTLE OUTPUT
COINC. DET.
TV TRANSM. IDENT. 50/60HZ
Q601 TBA120T SIF
STABIL.
REF.
12 V
9,9 Vp-p
47 Vp-p
0,8 Vp-p
1400 Vp-p
200 V
D801~804 BYW54×4
D807 BYW76×3
D815 BYW13
D820 1N4002
D812 1N4001
D806 BY228
Q403 BU508A
T802 KLN2001 AT404/3/29
T461 AT 2077/80
208 Vp-p
D808 1N4002
D809 1N4002
Q802 2SC2482
Q803 KTA1015 GR
Q809 KTA 1015-Y
Q804 KTC 1815-Y×2
Q805 KTC1815-Y×2
Q806 KTC1815-Y×2
Q807 KTC 1815-Y
Q808 KTC 1815-Y×2
1,3 Vp-p
1,48 Vp-p
D811 05Z 6,2V or RD6,2 EB3
D814 1N4148 or KDS1555
D101 UPC574J
H 001 UHF/VHF TUNER 1601 DKC
AGC
Q101 TDA4437 PIF
Z101 TSF 1309 SAW FILTER
IF AMP
CONTROL VOLAGE AMP
VIDEO DEMODULATION
VIDEO AMP
AGC GATING
AFC DI SCR IN IN AT OR
TPS 5,5MB
Z201
Q201 KTC1815-Y
39 mVp-p
0,75 Vp-p
5,1 Vp-p
123 Vp-p
Q602 TDA 2006/TDA2030V AUDIO OUT
Z601 SFE 5,5 MB
D611 1N4148 or KDS1555
D614 1N4148 or KDS1555
D616 1N4148 or KDS1555
D612 1N4002×2
D613
17 V
D451 BYW34
D452 BYW34
Q450 7812
D301 1N4001
D442 3,9V
D441 BYW13
L402 KLN2045 LIN COIL
TO [D-6]
P501 #6
TO REMOTE CONTROL BOARD
P103 M103 M003 P003 M101 P101 P104 M104 M004 P004
TO CRT BOARD
P651 M651 P504 M504 P601 M601
TO REMOTE CONTROL BOARD
W661 W662 SPEAKER 16Ω 1271 3W×2
EAR/JACK
BRACKET
COLOR
BRIGHT
CONT.
TO CHROMA BOARD
P502 M502
P501

PW 1637

SR 801 VS12M
D017 - D020 1N4002×4
Q815 2SD1052A
T803 KRF2431D
P002 M002 P003 P005 M005
D006 1N4148 or KDS1555
Q 009 KTC2120Y
Q 006 KTA 1015-Y
Q 006 M705 B1
Q 020 TDA4433
Q 021 KTA1015-Y
[D-5]
Q 022 KTC 1815-Y
Q 023 KTC1815-Y
Q 024 KTC1815-Y
Q 025 KTC1815-Y
Q 002 M206B1
Q 001 M3870GCB1
Q 005 N2001A
Q 016~018 KTA 1015-Y
Q 003 TDA2320
Q 004 LS7766B
Q 010 KTC1815-Y
Q012 KTA 1015-Y
D018 1N4148 or KDS 1555
D021 KDS1555 or 1N4148
D025 KTC1815-Y
D012 PH302
D020 05Z 3,2Y
D005 DZX 83C5V1
D007 1N4148 or KDS 1555
D017 D015~017 1N4148×3 or KDS1555
D013, 014 1N4148 or KDS1555
D015~017
D016
D008~011 1N4148×4 or KDS1555
5 V
TO Q 002
TO Q006
TO [D-3] R018
L001 AZ9004Y
L901 KCN 3001
Q014 KTA 1015-YX2
Q015
Q019 KTA1015-Y
Q013 KTA 1015-Y
32V
UHF
VT
P006 M006 C078 0,047µ
REMOTE CONTROL BOARD PW1618

PW 1619

D020 KLR321
D019 KLR226E
D/C
MA
C
N
D016
D015
E D C B A
R010~016 220×7 1/16×7
R012 R011 R010 R013 R014 R015 R016
S 10 11 12 13 14 15 16
9 f e d c b a
D012 PH302
D013, 014 1N4148 or KDS1555
R050 820 1/16
R049 150K 1/16
R048 100K
D011
D008
D009
D010
D008~011 1N4148×4 or KDS1555
C009,010 390×2
C016 472
C012 10µ 50V
R047 2,2K 1/16
R046 1K 1/16
R051 150K 1/16
R052 2,2K 1/16
R053 1,2K
C005 100µ 25V
R017 10K
R018 10K 1/16
C025 1000
TO Q 002
R066 1 1/16
C004 470µ 16V
D017
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
R061~065 820×5
A B C D E
K J 21
D021 KDS1555 or 1N4148
R072 11K
D020 05Z 3,2Y
C078 0,047µ
P006 M006
5 V
REMOTE CONTROL BOARD PW1618

CHROMA BOARD PW 1609

L 502 1H SDL-145
DELAY LINE
L 503 KRF 0416
L501 15µH
X501 8,86 MHZ
0501 TDA3560 U5060B PAL CHROMA
GATED CHROM. AMP.
8,8MHZ OSC
BURST PHASE DET.
PEAK WHITE DET.
BLANK CLAM. OUT
+2 90° SHIFT
(R-Y) DEMO. FF PAL SWITCH
(R-Y) DEMO
(G-Y) DEMO
B DATA INSERTION
KILLER DET.
GATED CHROM. CONTRAST
LUM. CONTRAST
R DATA INSERTION
G DATA INSERTION
CONTROLLED CHROM. AMP.
A.C.C. DET
GATED CHROM SATURATION
KEY. PULSE SEP.
LUM. AMP. CLAMPING
BLANK CLAMP. OUT
BLANK CLAMP. OUT
D501 1N4148 or KDS1555
M501 M502 M503 P503
FROM

CRT SOCKET BOARD PW 1617

P902
FROM MAIN BOARD
Q901~903 KTC2482×3
L901 KCN 3001
V901 S109B22
CRT SOCKET V901A
FOCUS
HIGH VOLTAGE
FROM MAIN BOARC F.B.T.

TRANSMITTER BOARD PW1620

QL 01 M710B1
ADRESS
TEST
OSC OUT
OSC IN
TRANS MODE
VSS OUTPUT VDD
D901 1N4148 or KDS1555
QL 02 KTC 2120-Y
QL 03 KTC 200-Y
QL 04 KTC 1815-Y
D02, 03 1N4148×2 or KDS1555
ADD
FUNCTION
NO

CLATRONIC CTV 150/148