

OSD Control]

BRIGHTNESS/CONTRAST
COLOR CURVE
H / V POSITION
H / V SIZE
SPCC
TRAPIZODE
PIN BALANCE
PARALLELOGRAM
ROTATION
TOP CORNER
BOTTOM CORMOR
RECALL
DEGAUSSING
MOIRE
LANGUAGE
RECALL

VOLUME/BASS/TREBLE
BALANCE/MUTE/MIC

Video Signal
H-Sync
V-Sync
I²C DATA(SDA)
I²C CLOCK(SCL)

MICOM (IC401)
E²PROM (IC402)
SCL / SDA
H-Sync/V-Sync
PWM Control Signal

OSD IC (IC301)
5V
I²C
R/G/B Contrast

VIDEO Pre-AMP (IC302)
12V
80V

VIDEO Main AMP (IC303)
12V
80V
Heater (6.3V)
DY
CDT

CUT OFF Circuit (IC304)
80V
R/G/B Bias

X-RAY Protection Circuit
12V
15V

V-Out (IC601) TDA4866J
15V
40V

H-Out (Q706)
H-Drive

H-Linearity Correction
B-Drive
DC/DC Converter
50V

FBT (T701)
12V
160V
400V or 850V
15V

Dynamic FOCUS Circuit
15V

Auto Beam Limit
15V

D/D Feed Back
Regulation Circuit

SPK

AUDIO Control (IC1) TDA7449
10V
AUDIO Signal

AUDIO AMP (IC2) KIA6240K
13V

SMPS (T901)
80V
50V
15V
13V (AUDIO)
6.3V
5V
Voltage feedback

SMPS Control (IC901)
DPM Control Circuit

Degaussing Circuit
15V
Degaussing Coil
Line Filter
Power Input 100~240VAC (50/60Hz)

TILT Coil
TILT Control Circuit
6.3V
15V

Static Focus
Dynamic Focus