

2. PRODUCT INFORMATION

2.1 Equipment Description

The Equipment Under Test (EUT) is the T3 DIGITAL CO., LTD. / LCD TV MONITOR/ LN170X

Please refer to Users manual

2.2 General Specification

- Chassis Type : Plastic & Metal Cover
- List of Each OSC. Or X-Tal. Freq. ($\geq 1\text{MHz}$) : X-TAL – 12.0MHz, 14.31818MHz, 27.0MHz
- Chipset Brand & Part No. : T0947SXH – trumpion, AD9884A – ANALOG DEVICES, K4S161622D – SAMSUNG
: t3810BV – trumpion, STV2310-4 – ST, TEA6425 – ST, TDA7440D – ST
- Number of Layers : Main board – 4Layers, Inverter board – 4 Layers, Front board – 2 Layers
- Visible Screen size : 337.92mm (H) X 270.336mm (V)
- Pixel Range : 0.264(H) X 0.264(V)
- Number of Pixel : 1280 X 1024 Pixels
- Luminance of White : 270 cd / m²
- Type : a-si TFT-LCD (Liquid Crystal Display)
- Viewing Angle : Hor (L:70, R:70), Ver (L:60, R:60)
- H. V Frequency : H - 30~79.98KHz (Auto set), V – 56~75Hz (Auto set)
- Displayable color : 16.2M Color
- Input signal : Analog 0.7Vpp Positive (75 Ω)
- Video signal : NTSC, PAL/SECAM
- Audio signal : MONO
- Video type : CVBS, S-VHS, COMPOSITE VIDEO
- Separate Sync Signal : TTL Level Positive or Negative
- Composite Sync Signal : TTL Level Positive of Negative
- Green Video+Composite : Composite Sync: Vp-p Negative (Video 0.7Vp-p positive)
- Voltage Use : Flow 100-240V, 60Hz/50Hz DC 12V/3.5A
- On Working regularity : Maximum 45W
- At safe mode : Under 3W