


MT-21 SCHEMATIC DIAGRAM

Atari SM124 Monochrome VGA-ish 12" CRT monitor with MT-21 PCB



- Notes:
1. Resistors are shown in Ohms
k = 1,000 M = 1,000,000
 2. Capacitors are shown in μF
otherwise noted ??????
 3. All resistors are $\pm 5\%$ tolerance
unless otherwise indicated

Replace components marked with safety symbol with identical type

*) Errata and notes

C306 is listed on the schematic as 16V, 10V in the BOM in the service manual.

C310 is not listed in the BOM in the service manual.

C717 is 100V, no space on the schematic to show.

C909 is listed in the BOM as 47 μF , but marked on the schematic as upgraded to 100 μF .

C931 is listed on the schematic as 47 μF , in the BOM in service manual as 470 μF .

L701 is listed on the schematic as "116F", in the BOM in service manual as 3.3uH

which makes more sense.

R616 is listed on the schematic as 470R, in service manual as 270R.

R707 is illegible but looks like 8R or 18R, in service manual 81R is stated.

VR702 Illegible text accompanies this trim pot.

IMPORTANT SAFETY NOTICE

The shaded area on this schematic diagram incorporates special features important for protection from X-radiation, fire and electrical shock hazards.

When servicing it is essential that only manufacturers specified parts be used for the critical components in the shaded areas of the schematic.

(RP: Unfortunately, the scan does not have a shaded area)

Nov 6th, 1987 N. S. Lee - Handdrawn/written schematic.

Aug 17th, 2024 R. M. Pel - Re-typed all text based on barely legible scan.