

Nanao model MS7-20S (20")

Sega # 200-5072

Color Monitor Repair Guide

CRT INFO:

Mitsubishi # 510WUB22 (10 pins), 29 mm diameter neck, B&K rejuvenator adapter # CR-23

YOKE INFO:

Horizontal winding resistance: 2.5 ohms (red & blue wires)

Vertical winding resistance: 50 ohms (yellow & brown wires)

CAPKIT:

C420 1 uf @ 50 volts
C433 10 uf @ 25 volts
C434 10 uf @ 100 volts
C435 10 uf @ 100 volts
C440 100 uf @ 16 volts
C501 1 uf @ 50 volts
C532 1 uf @ 50 volts
C573 470 uf @ 25 volts
C574 10 uf @ 25 volts
C575 47 uf @ 50 volts
C576 220 uf @ 16 volts
C906 47 uf @ 160 volts
C908 47 uf @ 16 volts
C920 100 uf @ 16 volts
C921 100 uf @ 16 volts

FUSES:

F901 3 ampere fast blow GMA (main line)
F902 0.8 ampere fast blow GMA (B+)

NOTES:

Check solder at transistor Q532 (2SC3621 or NTE 373). It may also be leaky, so replace this if necessary. Check resistor R549 (680 ohm, 1/4 watt) for signs of burning or off value condition.

Parts side of circuit board is silkscreened "NANA0 5A00110C1" in white lettering.

COMPILED BY KEN LAYTON on December 12, 2004

Misc capacitors:

C436 220 uf @ 35 volts
C437 220 uf @ 35 volts
C401 1 uf @ 50 volts
C570 10 uf @ 160 volts
C909 100 uf @ 160 volts
C910 220 uf @ 50 volts
C422 470 uf @ 16 volts
C537 220 uf @ 16 volts
C536 1 uf @ 50 volts