

Radio Shack (Tandy) CM-11 (cat. # 25-1024) CGA color monitor repair

Bad capacitors on main board:

C401 22 mfd. @ 16 volts
C404 47 mfd. @ 16 volts
C405 100 mfd. @ 25 volts
C410 220 mfd. @ 25 volts
C481 220 mfd. @ 16 volts
C509 470 mfd. @ 25 volts
C551 100 mfd. @ 35 volts
C607 10 mfd. @ 16 volts
C608 100 mfd. @ 25 volts
C708 220 mfd. @ 25 volts
C715 470 mfd. @ 50 volts

Bad capacitors on neck board:

C856 100 mfd. @ 16 volts
C861 100 mfd. @ 35 volts

Dead set, check/replace:

Q702 2SC2555 (NTE 2308) B+ regulator
R704 1 ohm, 2 watt, metal film
R711 0.33 ohm, 1/2 watt, metal film
D711 NTE 552 (diode is usually found shorted)

Dead, low high voltage (only 5,000 volts), replace:

D705 Zener, 8.2 volt, 1 watt (usually found shorted)

Dim picture:

SW851 "Service Luminance Switch" on neck board has fallen apart (can normally be replaced with a jumper wire)

Most of this information is from my first-hand repairs of this chassis. Additional information came from this site:
<http://circuitwork.com/techassist/tip/monitor.htm>

Compiled by Ken Layton on Feb. 3, 2005

This monitor works well with the Medalist "DartStar" electronic coin-op dart boards. You will need to make up an adapter "dongle" cable to connect this monitor to the DartStar game board's optional video output connector.

