

Re: Good capacitors

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- *From:* "Michael A. Terrell" <mike.terrell@xxxxxxxxxxxxxx>
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"stickyfox@xxxxxxxx" wrote:

I know a while back there was a thread about replacing computer motherboard caps; I noticed in CompUSA the other day that they were promoting some new motherboards with "premium quality Japanese capacitors." It sounds like baloney, but apparently quite a few posters here have revived dead mobos just by replacing the power supply caps.

They were manufactured with defective electrolyte. It broke down and the ESR went up, causing the capacitors to heat up and swell, or break open at the vents. This caused the CPU power supply to shut down. If the board was cleaned up before the electrolyte damaged the PCB, you could get away with just removing all of the capacitors in the CPU power supply, a careful cleaning, then installing the new capacitors. This is where an ESR meter comes in handy. The lower the ESR, the better the electrolytic. You can compare an old one with a new one and decide if it needs replaced, and you don't even have to remove the old one from the circuit, first.

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Service to my country? Been there, Done that, and I've got my DD214 to prove it.
Member of DAV #85.

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