

Motherboard repair

Troubleshooting and fixing old PC and Mac system boards.

- [ECS ELITEGROUP K7S5A Pro\(V5.0\)](#)

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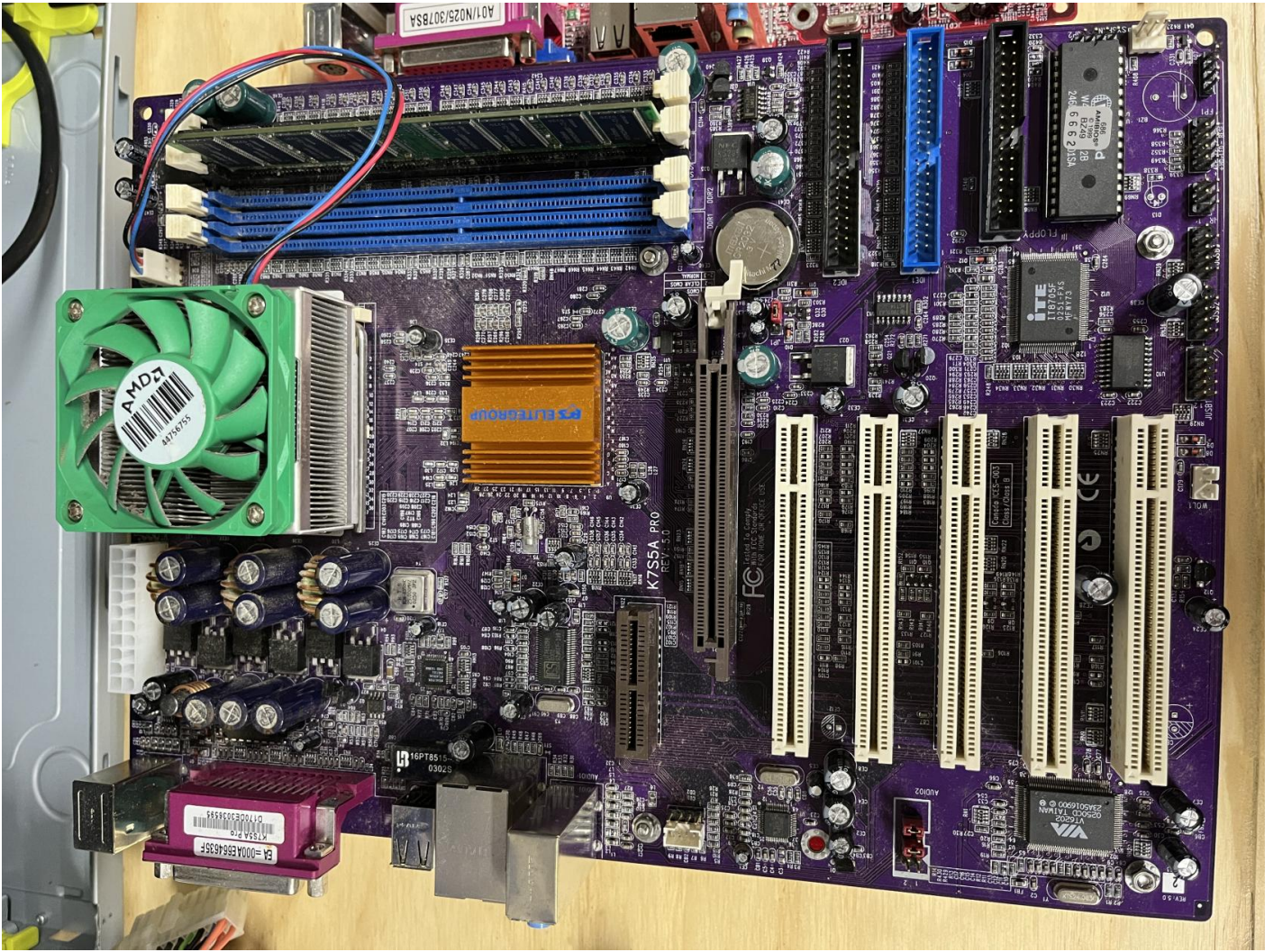
Pro(V5.0)

I came across a used Socket 462 (A) Athlon motherboard recently locally. Unfortunately it was non-functioning when I tested it. A visual of the capacitors confirmed some were faulty/failed.

Proceeded with replacement of all electrolytic capacitors on the board:

<u>Capacitance</u>	<u>Voltage</u>	<u>Size</u>	<u>Quantity</u>
3300uf	6.3v	10x25mm	9
1000uf	10v	10x12.5	5
470uf	16v	8x11mm	5
100uf	25v	6.3x11mm	13
1500uf	6.3v	8x15mm	6
10uf	25v	4x7mm	5
22uf	25v	5x7mm	3

Before repair:



Ordered high quality Panasonic low ESR 105c capacitors from Mouser.

