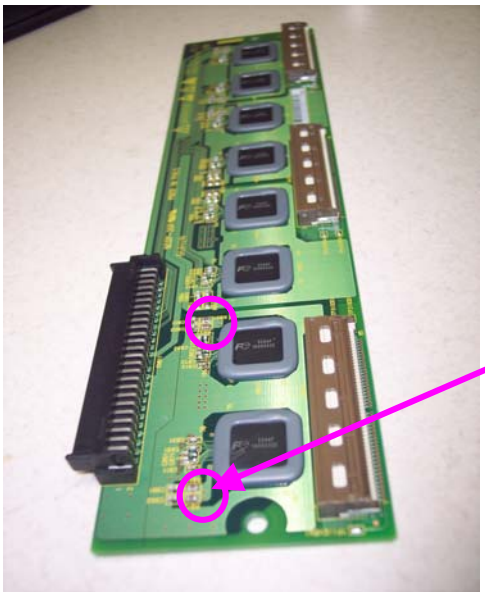
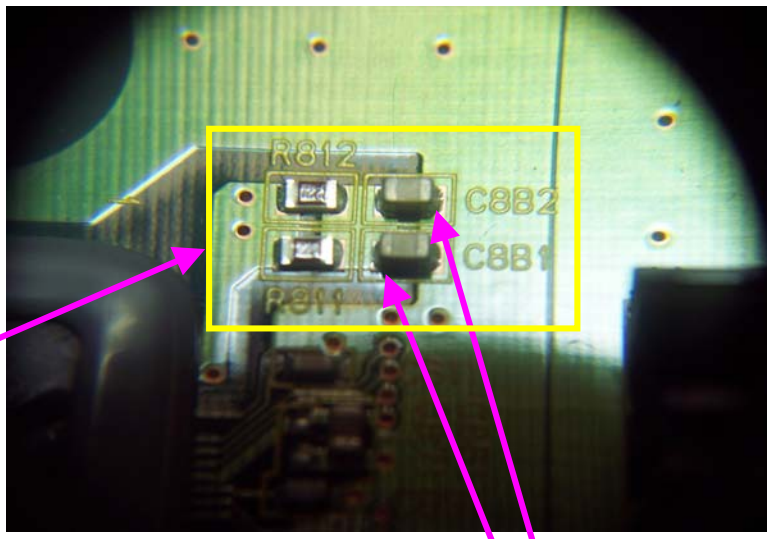
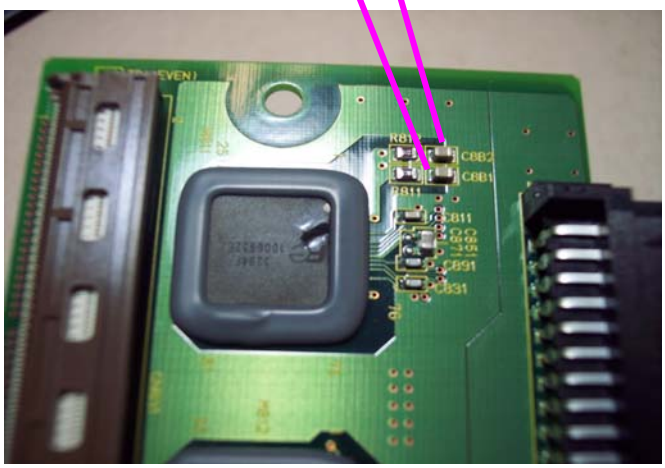
Any time you are dealing with a Dead Unit or- a unit that will not power up, or, that it will come on but the TV will protect itself and kill the Va and Vs. Check/confirm the SDR PWBs do not have any shorted Ics on them.

Using a ohmetter in continuity test-looking for shorts - or simply checking resistance, test across each one of these SMD ceramic capacitors. If any of them is found shorted- the SDR PWB must be replaced.







Small caps that will show shorted IF a buffer IC is shorted, regardless of having a blown up marking or not.

Each IC will have two of these small SMD caps on its Vcc line to ground.

Sometimes there will be some blown up holes or markings, however this may not be evident every time.

It is always recommended that you TEST with an ohmeter all IC Vcc small SMD caps for shorts, if you find any of them shorted-then SDR PWB is defective, replace it.

Each buffer IC has a set of two of these SMD capacitors, from Ics Vcc to ground.

Model	Upper SDR PWB	Lower SDR PWB
P42H401, H4011, T501, A and Non A	FPF39R-SDR57141	FPF39R-SDR57142
P50H401, H4011, T501	FPF47R-SDR60796	FPF47R-SDR60806
P50H401**A**, H4011**A**, T501**A**	FPF46R-SDR61221	FPF46R-SDR61231
P55H401, H4011, T551	FPF47R-SDR60796	FPF47R-SDR60806
P60X901	FPF35R-SDR54912	FPF35R-SDR54922

092209or

Note: Mixing P50H401 and P50H401**A** SDRs will cause an unusual (distorted) picture.