

Replacement of Backlight Inverter Circuit Board UI8007S-1  
Polaroid FDM-0700A ~ Under counter LCD TV/DVD  
or  
Electrohome Model 07EV750 ~ Under counter LCD TV/DVD

It seems that the backlight Inverter board is a very weak component in the above model of LCD TV. Threads on the internet detail the failure of the 9930GM chip (sub AP9930GM – Advanced Power IC) that overheats and causes the failure.

See <http://www.mp3car.com/vbulletin/showthread.php?t=74566>  
and [http://www.fixya.com/support/p176628-polaroid\\_fdm\\_0700a\\_7\\_in\\_tv\\_dvd\\_combo](http://www.fixya.com/support/p176628-polaroid_fdm_0700a_7_in_tv_dvd_combo)

Symptom is there no screen image but unit still has good sound and operates OK in all other modes. The Electrohome model looks to be the exact same unit as the Polaroid Model FDM-0700A. Unit replacement as of May 2010 seems to be in the range of \$135 to \$200 on Amazon.com.

To buy the Backlight Inverter Board part No. UI8007S-1MSS

Google the part number UI8007S-1MSS

or try

<http://lcdparts.net/LCDTVInverterdetail.aspx?InverterOriginal=UI8007S-1MSS>

To check the Backlight Inverter board is at fault (or to replace the board), follow the instructions in the following self explanatory photos. Please note that no liability or warranty is offered for these instructions. They are for information only!



Electrohome 07EV750



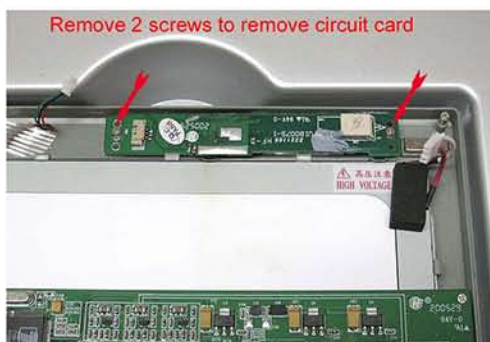
Polaroid Model FDM-0700A.



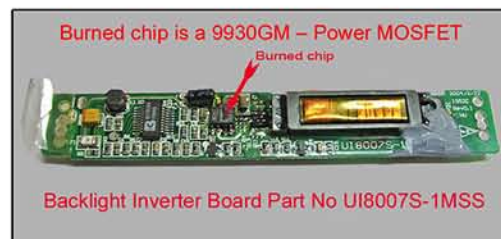
1



2



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To finish, screw in new board, attach plugs and screw on back, plug in and test.