

<http://www.assemblergames.com/forums/showpost.php?p=510028&postcount=54>

Photo and info from the link above, by **DarthCloud** (again! He's the one who put so much info about fitting the DC BIOS also!)



The saturn use an SOIC40 chip but the only difference between the two package is that the SOP is a bit larger and have 4 more pin since it's flash and need additional IO for programming. The spacing between the pin is the same and the footprint on the Saturn PCB is large just enough to be able to solder the SOP chip.

Once the chip programmed by an external programmer, lift pins 1, 2, 43 & 44. You can connect the /RESET (44) and /WE (43) line to Vcc and A18 (2) to GND, leave RY//BY (1) unconnected.

All the other pins match the saturn BIOS.