

Automatically enabling Turbo mode

The 41CL Extra Functions allow direct user control over the Turbo modes, but the default state when turning on the calculator has the Turbo mode off. The Turbo mode is stored in the FPGA portion of the 41CL, which means that the state of the Turbo mode is lost whenever the calculator is turned off.

The easiest way to automatically select a Turbo mode when the calculator is turned on is to use the "calc on" polling point in the 41CL Extra Functions image.

For YFNS-1A, assuming that the Turbo50 mode is desired, three locations need to be patched:

address FEF must be changed to 0350 (from the 0190 that it currently contains)
address FF9 must be changed to 03A3 (from the 0000 that it currently contains)
address FFA must be changed to 0000 (from the 039B that it currently contains)

YFNS-1C has been modified so that only one location needs to be patched:

address FF9 must be changed to 03A3 (from the 0000 that it currently contains)

The YFNS-1C patch will work with all later versions of the 41CL Extra Functions.