

**To:** NovaTech NTZ-818 Gang Burner Users March 10, 1998  
**From:** Joe Rovito, Director of Engineering  
**Subject:** Maintenance upgrade, NovaTech Gang Programmer  
Instructions for Upgrade  
**doc. #** NTZ80310

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NovaTech announces the availability of a maintenance upgrade for its Z8 gang burner, NTZ-818. The upgrade fixes a reported bug with the Option bit Programming of Zilog's Z86E02 SL1925. The reported symptom was improper operation of the IC's built in analog comparators after option bit programming. It is possible that other chips with the built in comparator may have been affected ('04, '08) so it is strongly recommended you perform the upgrade.

The upgrade is performed by downloading the latest Firmware (Version 1.36 = NTZ80136.hex) into the NTZ-818's Flash EPROM. You need to be running GUI version 2.11 or later to perform the download. Please read over the following procedure a few times before attempting to perform the upgrade.

### **Firmware Upgrade**

Version 01.00 resident in all programmers shipped in 1996 & 1997, or version 01.30 resident in programmers shipped through March 1, 1998 - must be updated to 01.36. The Firmware resides in Flash EPROM, so it is not necessary to burn a new chip. The Firmware upgrade includes the following files:

NTZ80136.hex - the current released firmware, Version 1.36

### **Other Files MAY be part of the upgrade**

NTZ80130.hex - a previous release for archival use only  
NTZ80100.hex - a previous release for archival use only  
NTZ80310.doc, .txt, .pdf - This document in various formats  
RELEASE.txt - document detailing some of the Firmware changes

