SIMON TOUCH

VERY IMPORTANT: NEC pins must fit ZIF socket very well. Pins of NEC should be treated with soldering iron to remove all traces of residual dirt and the chip itself should be cleaned with solvent. Chip must look like new before putting it to ZIF socket. It is very important because the erasing process works with high frequency signals.

ESLD Software has a very easy way to check if the erasing is working properly - click "Read" button and look at the values of "Test Counts 1: " and "Test Counts 2:". The first counter should barely change while erasing, but the second counter will show major change.

NOTE BELOW FOR MODIFIED SOCKET ONLY:

> To diagnose erasing process, read first chip, after click "Enable" button to erase, stop it after a minute and "Read" it again. Look the counters - if "Test Counts 2:" is not changing at all, it means there is some problem with capacitor 8.2pF or chip is not cleaned or is not properly installed to the ZIF socket or the power from the USB is not enough.

If "Test Counts 2:" is changing, then all is OK - just wait until the job is finished. With the new update, renew ESL will be faster but most importantly - it is safer, TP status will not become "incorrect", erasing will occur without any damages. How fast will it be? It depends on lots of factors: power of USB, temperature, etc... It depends also on NEC MCU internal state. Erasing time has no exact timing, for some NECs it might take less than 5 minutes and for others it might take 5 hours.

In all cases renew will succeed!