

## Programming the old style Flash Programmers with a Palm Pilot

In order for you to successfully program the older 28F512 chipsets with a Palm Pilot, you will need to make sure you have the following parts:

- D03-0520 **Radio Shack #26-152B** 6' cable DB9 female to DB9 female or adapter
- D03-0521 **Radio Shack #26-264A** Null modem adapter
- D03-0519 **Radio Shack #273-1662** AC-DC Adapter (blue tip) negative tip polarity

If you have previously purchased the older D03-0517 Flash Programmer programming kit from GSI, then you will have all the above parts.

You will then need all of the programming parts for you Palm Flash kit as well.

- Palm Pilot loaded with Palm Flash software
  - Palm Pilot serial Hotsync cable (same as the one you use to program boards with)
  - D03-0695 Palm Flash dongle
1. Plug your dongle into your Hotsync cable (Please observe that the dongle orientation is correct).
  2. Plug your 9 pin female to female adapter or cable into the Palm Flash dongle.
  3. Plug the null modem adapter onto the other end of the cable or adapter.
  4. Plug the null modem adapter then into your Flash Programmer.
  5. Plug the DC power adapter into your Flash Programmer. All the lights will temporarily light up then only the power light will stay on.
  6. Make sure the selector switch on the Flash Programmer is on 1 or 8.
  7. Load the Palm Flash software on your Palm Pilot.
  8. Select the software you want to transfer.
  9. Select the Program button on the Palm Pilot.
  10. Wait a few seconds and you will see the busy light start flashing.
  11. After the transfer, disconnect the power to the programmer and disconnect the cables.

You now have successfully updated the software in the flash chip.

If you have any questions or problems with this procedure, contact me via email at [jefff@grainsystems.com](mailto:jefff@grainsystems.com) or call me at 618-783-3138.

Sincerely,

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