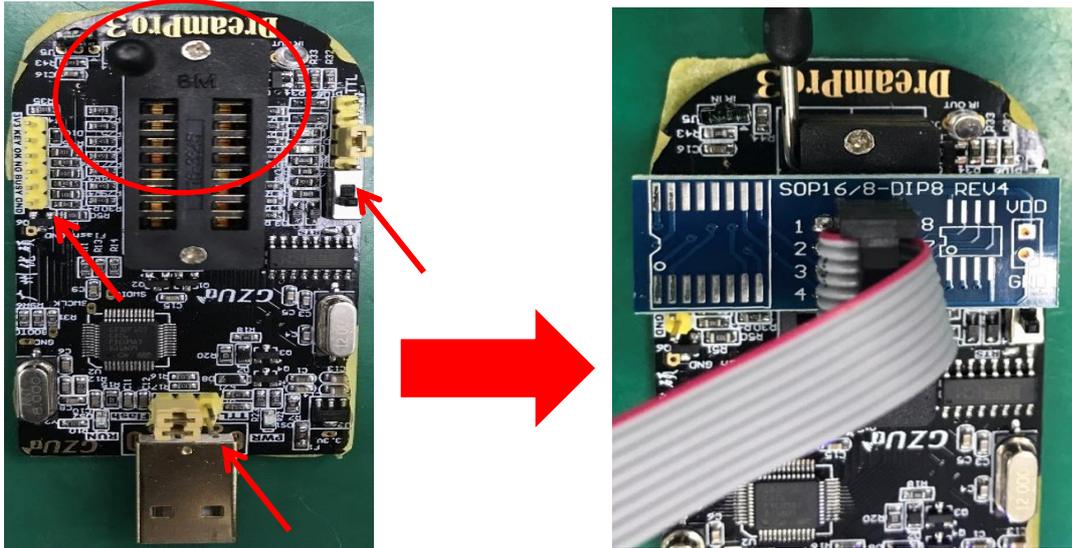# SPI ROM Programmer SOP

1. Install SOP16/6-DIP8 REV4 adapter on DreamPro3 Programmer
   Cable Pin-1 is at upper left position. Push down the lever to secure the adapter.
   Note: Keep the default jumper position (arrow below in red) on DreamPro3 Programmer
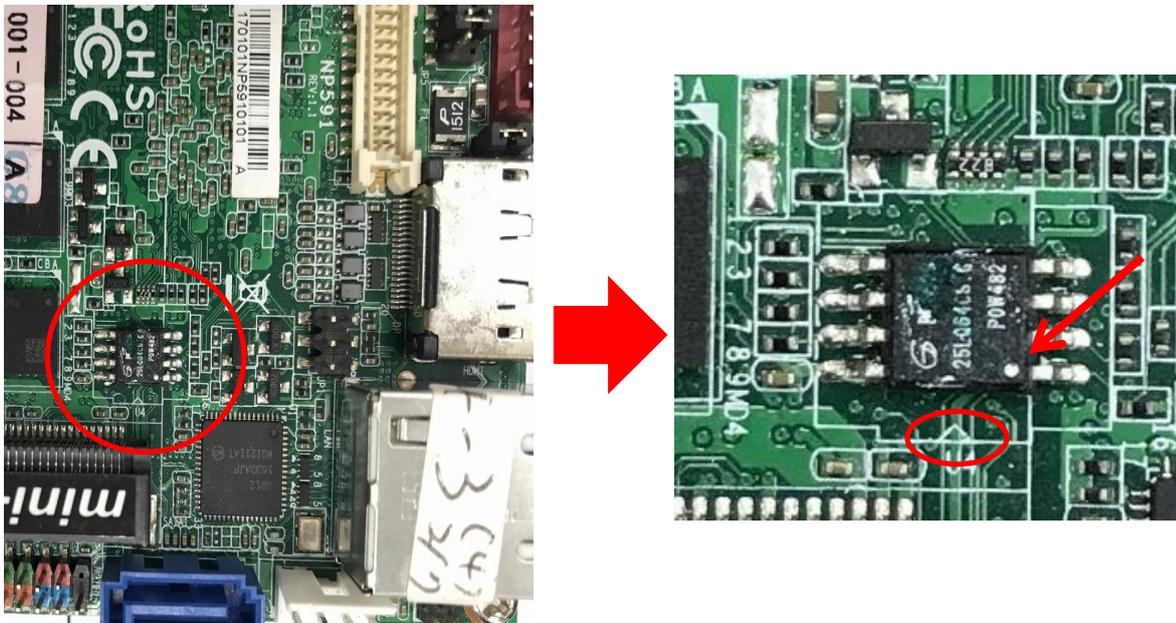   **Note: Do NOT apply power during installation to prevent damage**
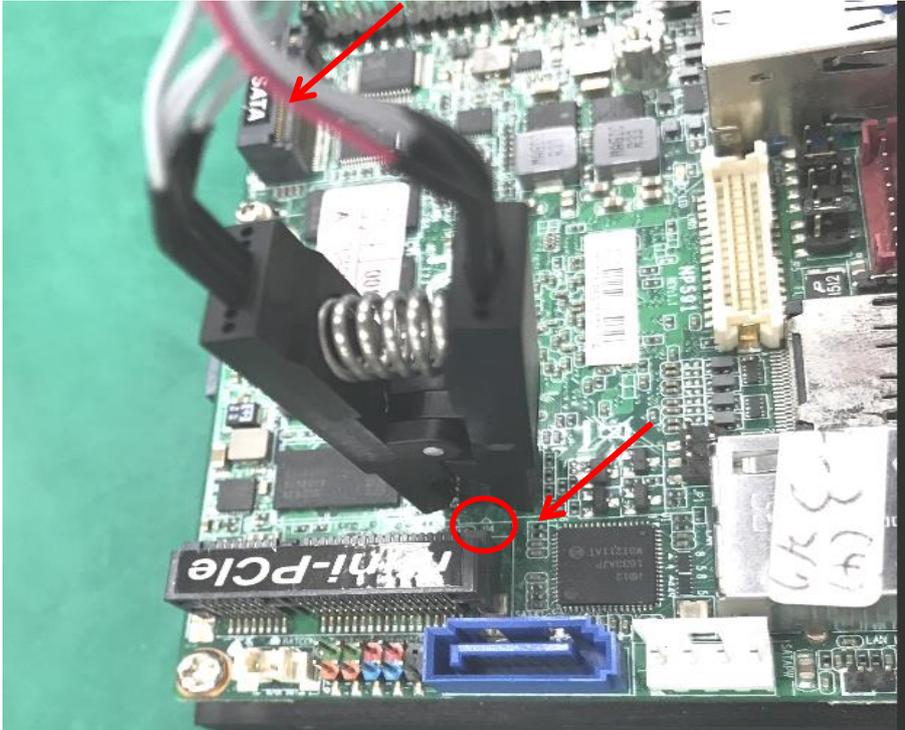

2. Remove any source of current and CMOS battery out of the board and locate the BIOS chip
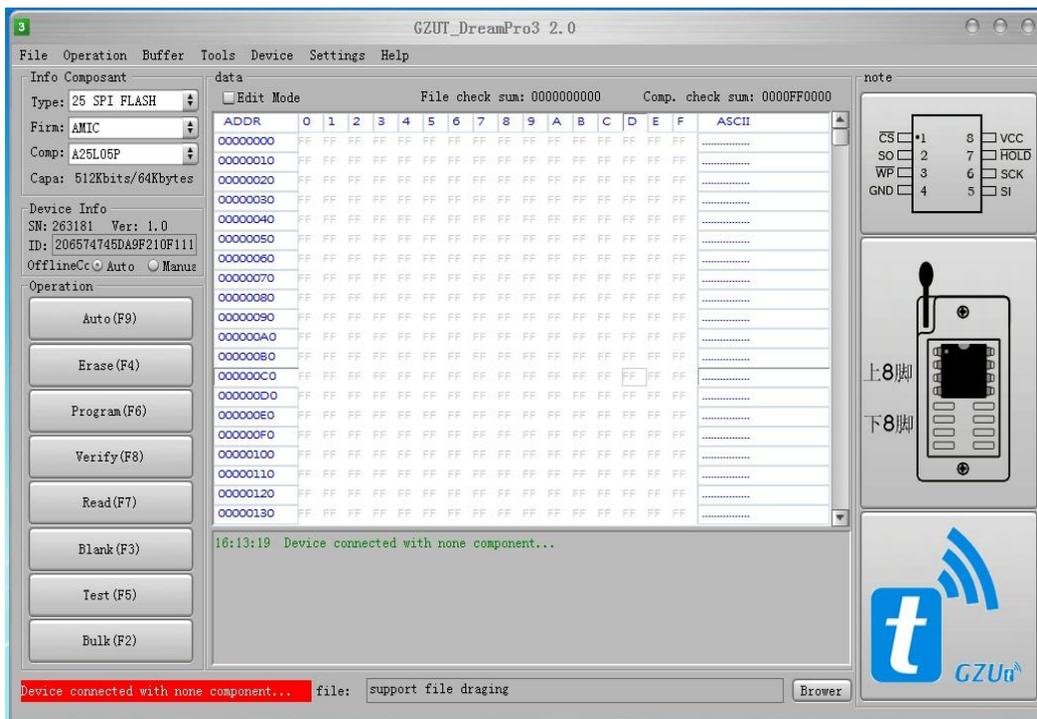   Identify BIOS pin-1: (1) Pin-1 is marked with a blue dot (arrow below in red)
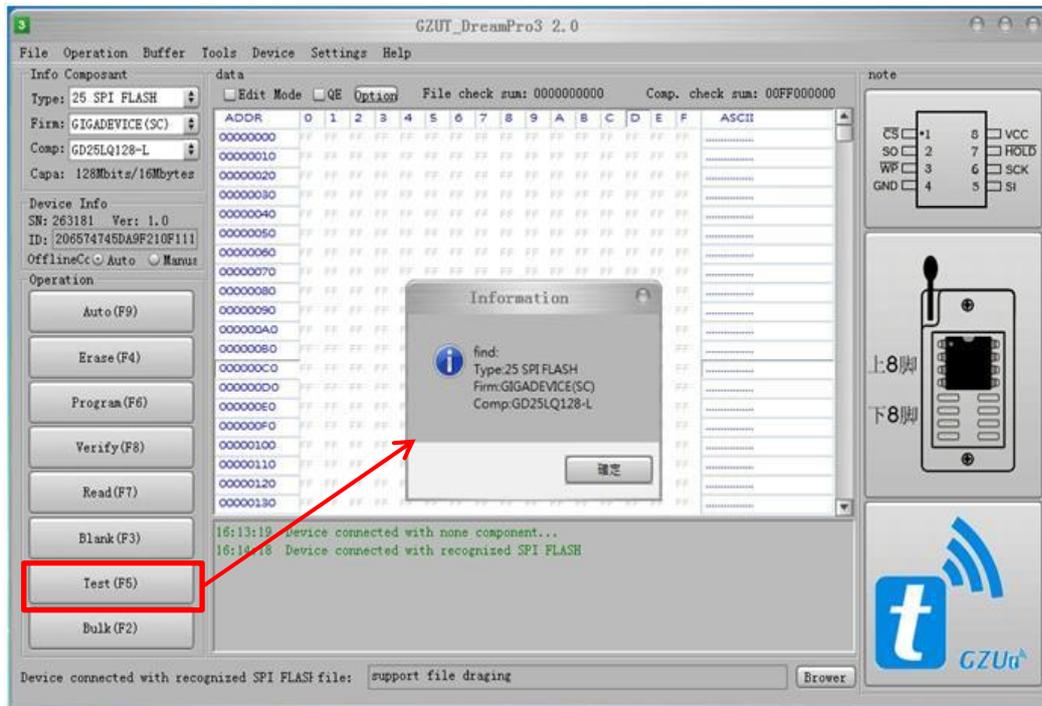   (2) A small triangular mark on PCB (circle in red)

3. Carefully clamp the chip legs with the clip, making sure there is good contact and the clip st
in place. Pin-1 from the clip (usually marked and attached to a red cable) should match pin
the chip (next to a triangular mark).

4. Please refer to Guangzhou Youss to install DreamPro3 driver.
Another Windows 10 or Window 7 PC required to connect and run DreamPro3.
Note: Remove power and CMOS battery out of the board during programming.

5. Click "Test (F5)" to make sure the BIOS chip is successfully detected.

6. Press "Browse" and select the BIOS file (*.rom or *.bin) you need.
Note: Please store the BIOS file in local C drive, not in a USB device.

7. Select "Auto (F9)" to start flashing the BIOS.

8. Wait for all programmer activity until it is finished. (usually takes about 1 to 3 minutes)