Philips/BenQ VAD6038 Firmware Tutorial

Backing up and flashing the original firmware!!

Please keep checking Xbox360 scene websites for updates.

xboxhacker.net xbox-scene.com maxconsole.net

Now read this tutorial, twice.
If you don't understand any terms, ask questions in forums until you do!!

You might as well make sure you have the right equipment to dump/flash your drive.

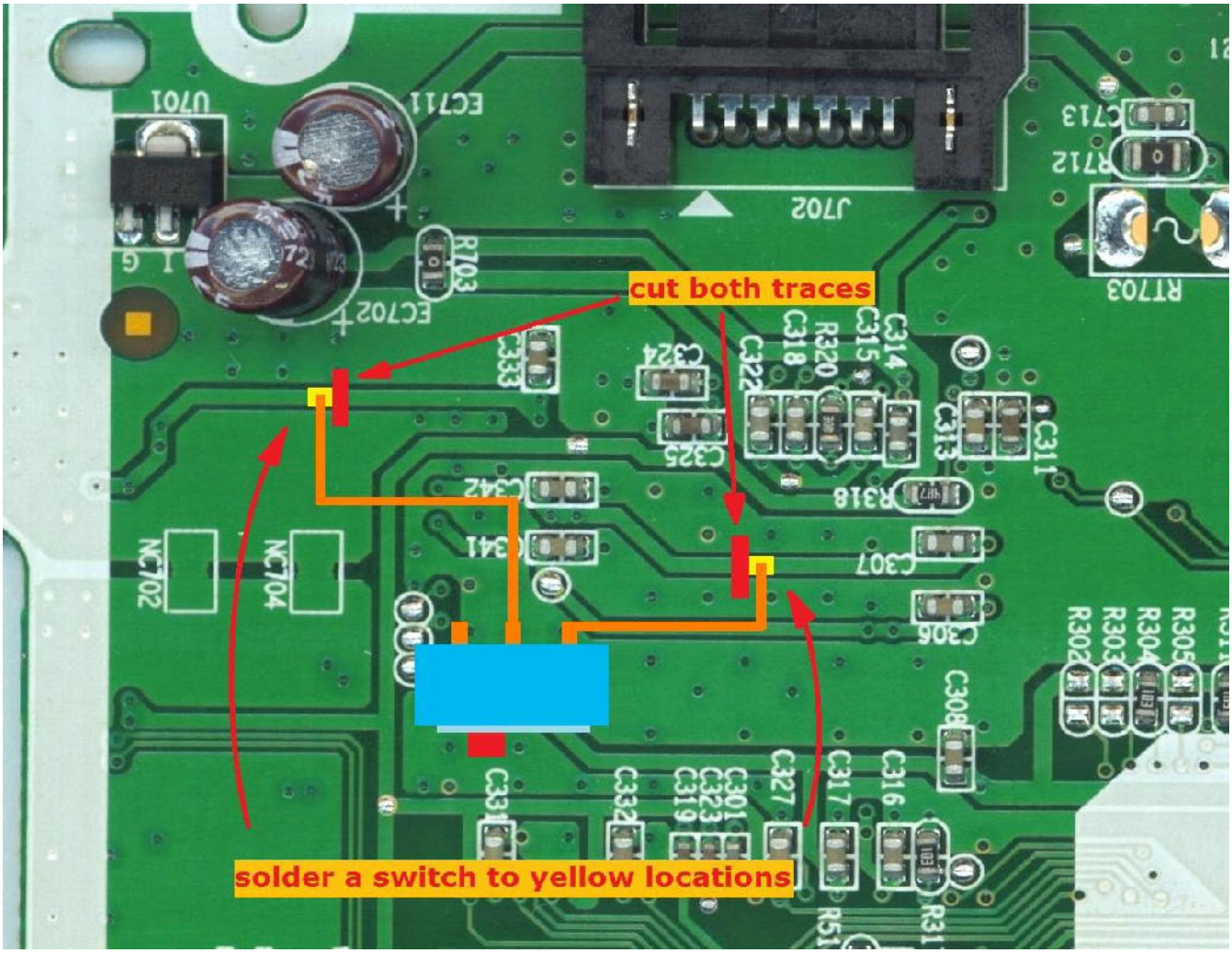
you will need:
- soldering iron + tin
- thin wire (0,08mm to reconnect the trace)
- scalpel or x-acto knife (to cut the trace)
- switch (or use wires only)
- Schtrom's DosFlash (Download) read ReadMe.txt first!!

There are two methods available, to set the Benq drive into recovery mode. Both do the same.

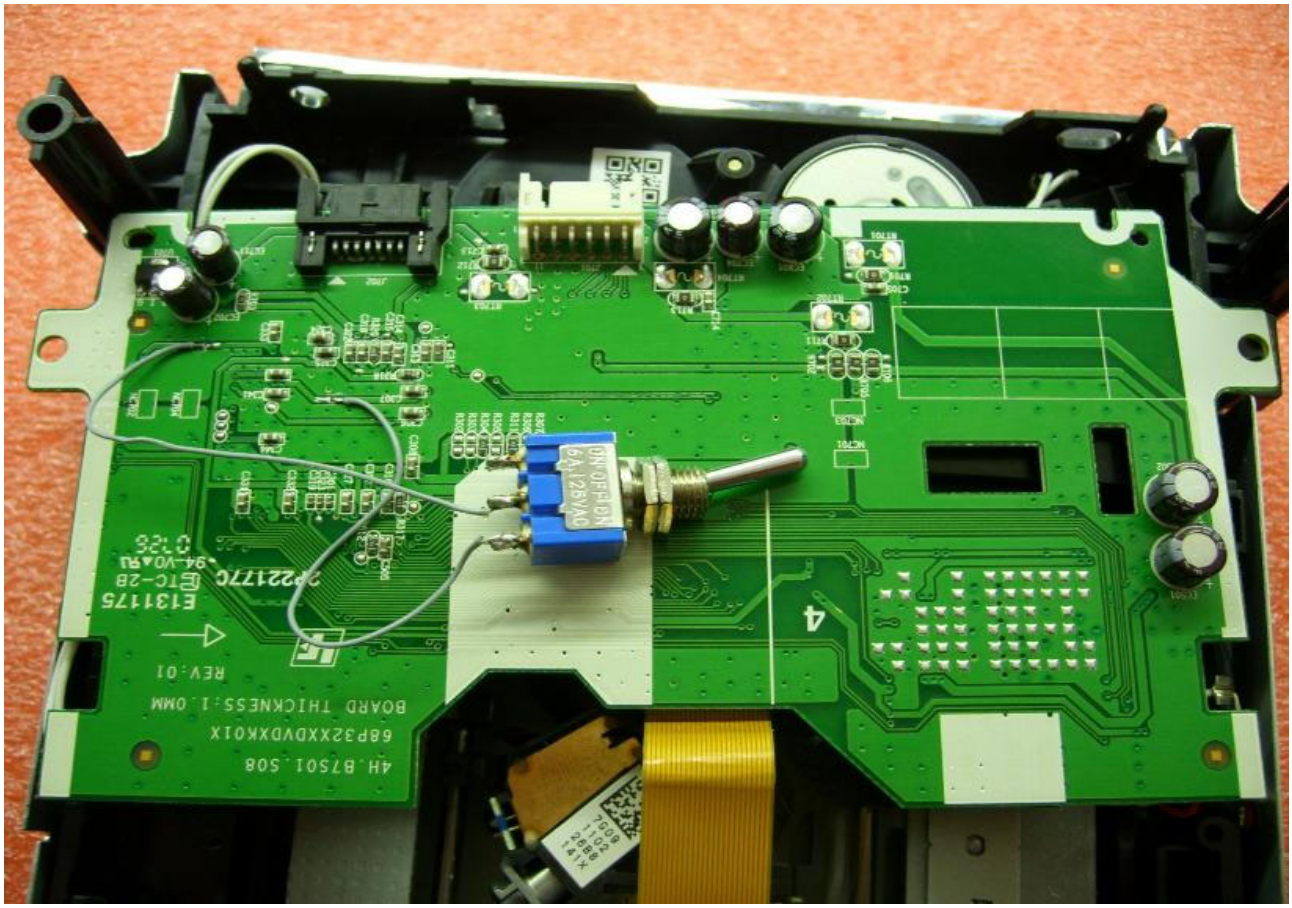
Good luck!!

Method #1 (for beginners)

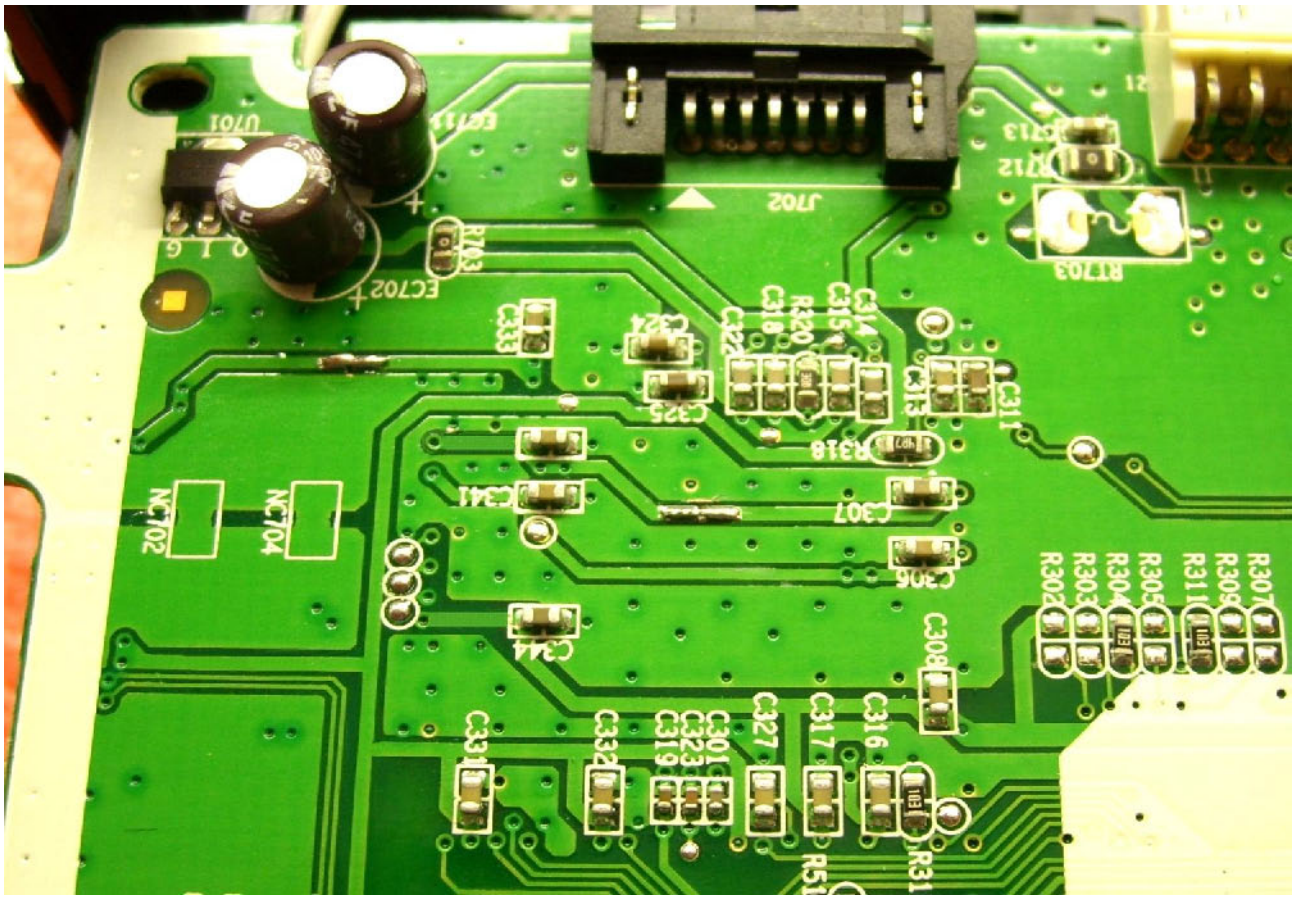
Cut these two traces (SPI power supply) and solder a simple switch (or wires) to the yellow locations. Set the switch to “Off”.



Method #1 final switch installation

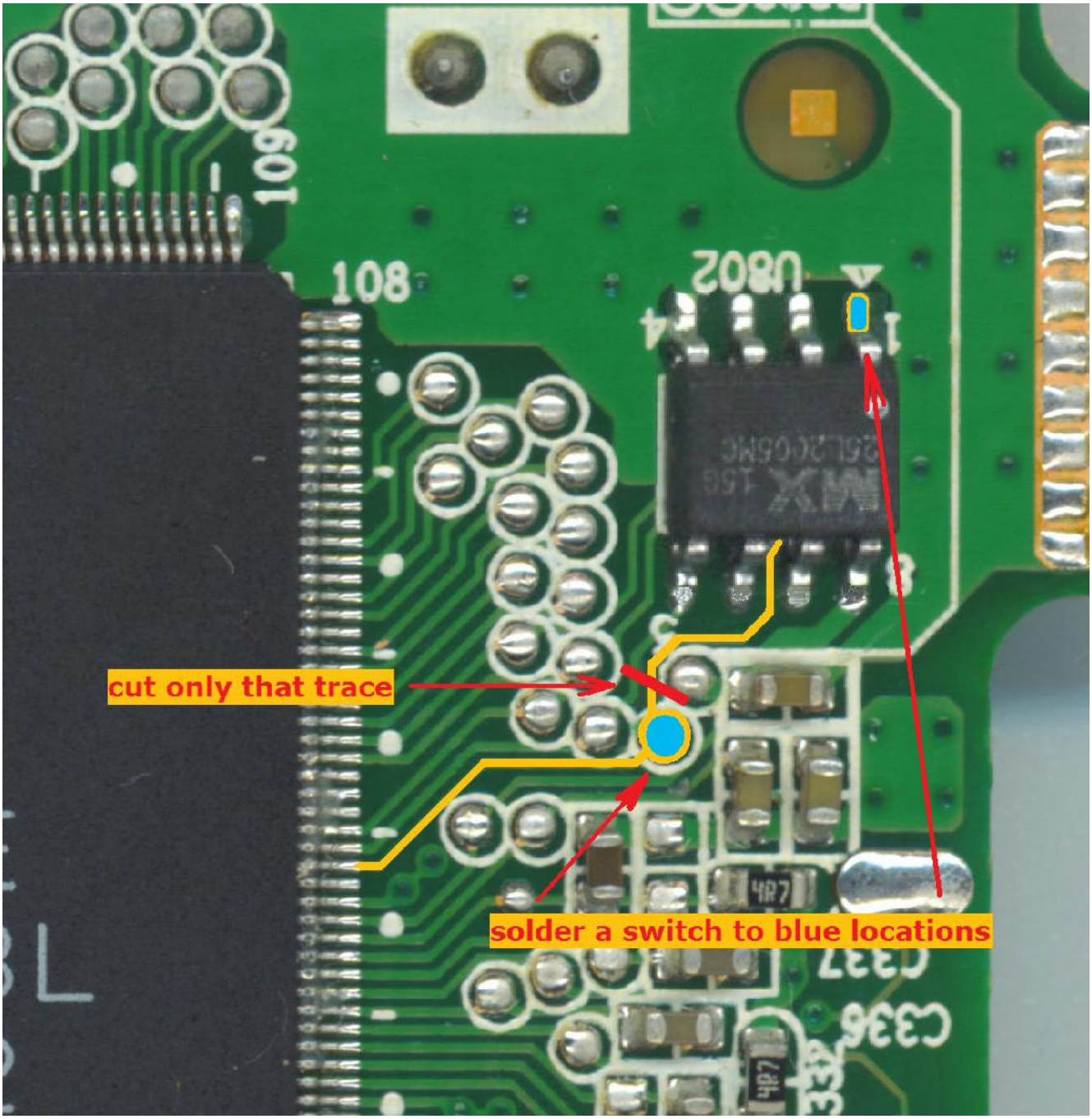


reconnected traces



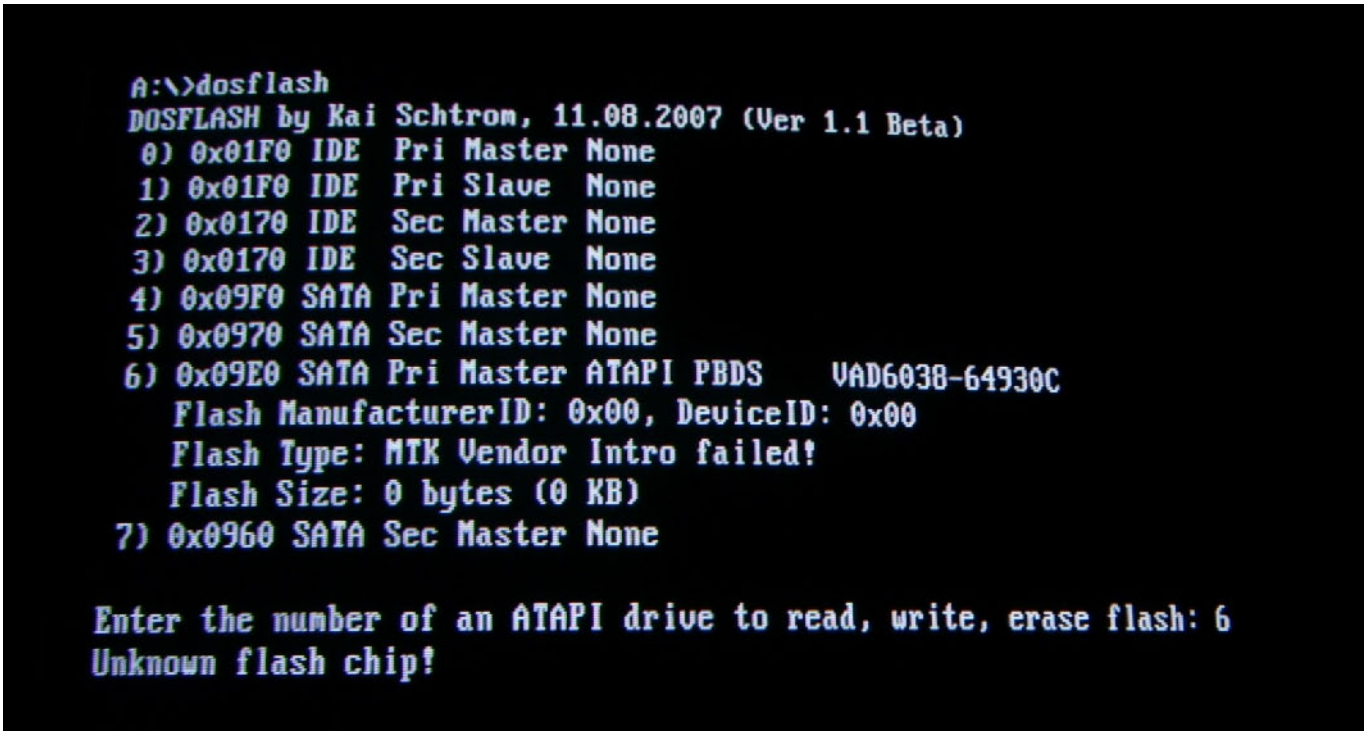
Method #2 (for advanced users)

Remove the white epoxy, cut the trace shown below (SPI pin1) and solder a simple switch (or wires) to blue locations.



Drive in original state:

Drive is not read- or flashable!



Choose you favorite method and prepare the logicboard.

Reading Firmware:

Power on your PC and boot from USB-Stick or floppy disc into MS-DOS.
(only real DOS)

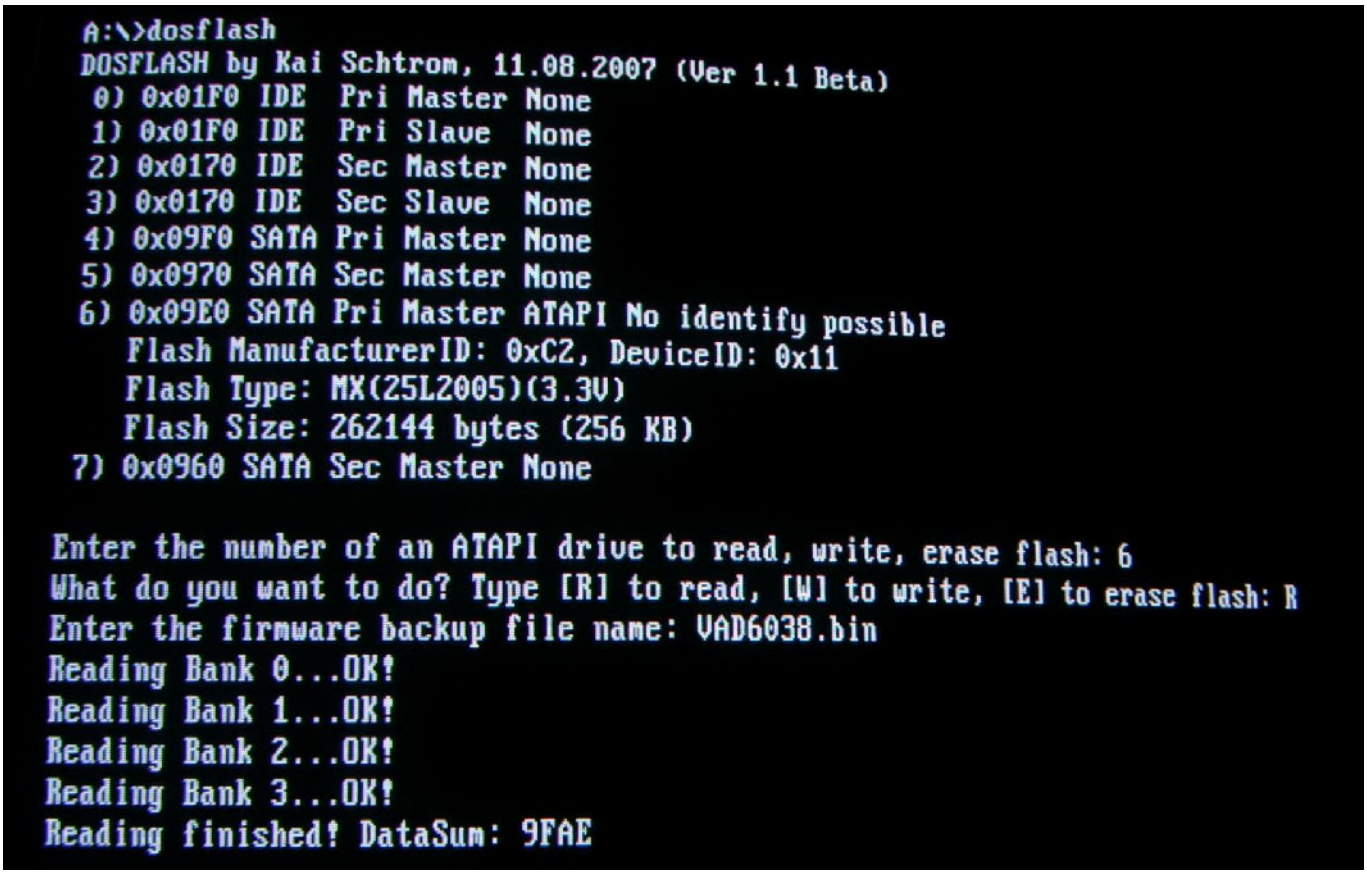
When you reach the DOS command prompt, plug the SATA cable into the drive, so that the drive is connected to your PC mainboard or SATA card.
(disconnect other HDDs and drives)

Type "dosflash" to use the auto mode.
(dont hit return yet)

Now connect your drive to X360 with power cable and turn the xbox on.
(switch is still in “Off” position)

Then, one second later flip the VCC switch to “On”, and hit the enter key on your keyboard. Select the drive port, choose [R] command to backup the firmware and type the file name.
(always have a look at the generated DataSum)

It should look like this and reading your firmware!



Writing Firmware:

Same way for updating the drive firmware.

Power on your PC and boot from USB-Stick or floppy disc into MS-DOS.
(only real DOS)

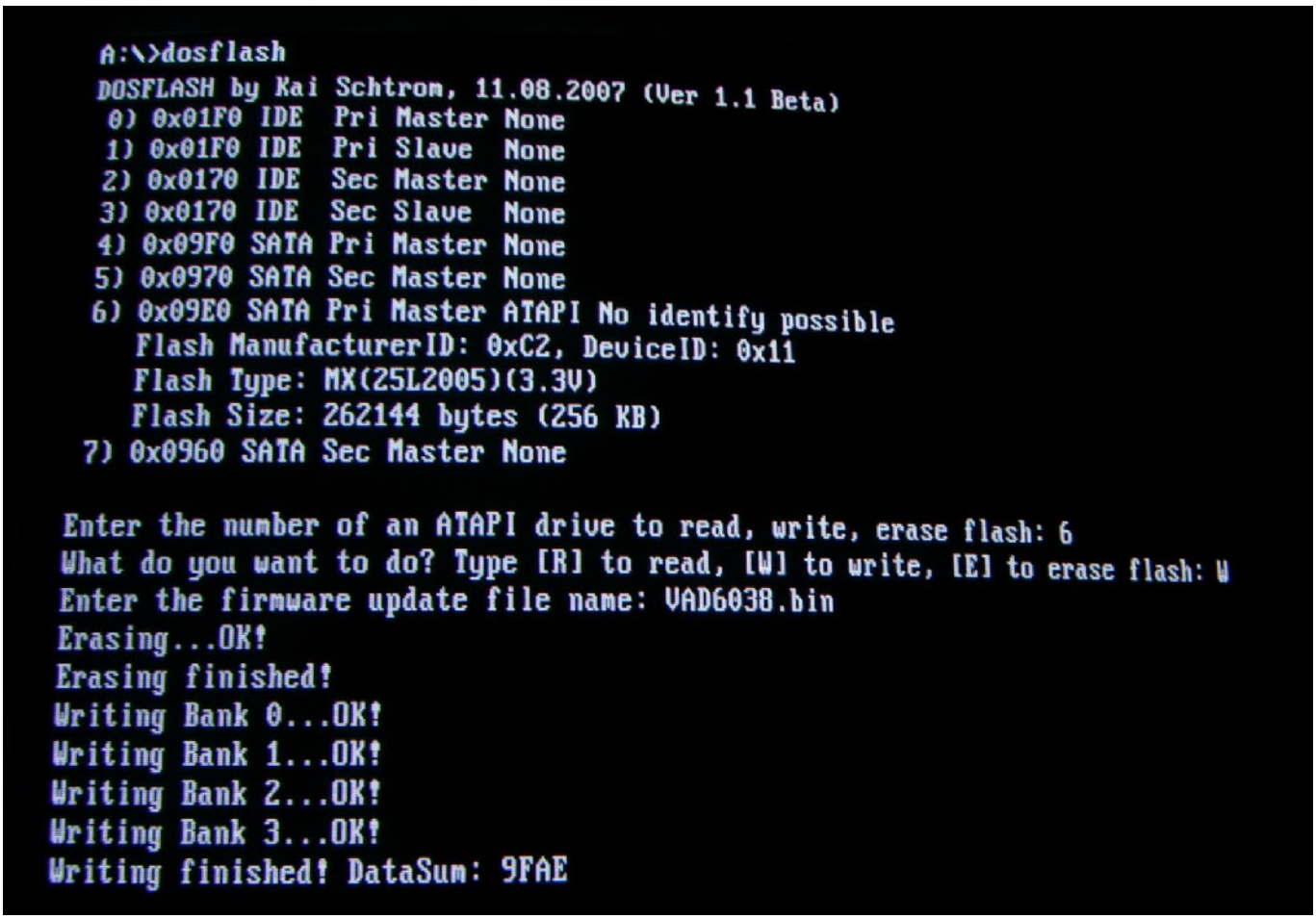
When you reach the DOS command prompt, plug the SATA cable into the drive, so that the drive is connected to your PC mainboard or SATA card.
(disconnect other HDDs and drives)

Type "dosflash" to use the auto mode.
(dont hit return yet)

Now connect your drive to X360 with power cable and turn the xbox on.
(switch is still in “Off” position)

Then one second later flip the VCC switch to “On”, and hit the enter key on your keyboard. Select the drive port, choose [W] command to update the firmware and type the file name.
(always have a look at the generated DataSum)

It should look like this and writing your firmware!



Produced and Edited by Team MODFREAKz

Special thanks to Schtrom for his DosFlash Tool!!

Many thanks to Tiros, uberfry, caster420 and TheXone