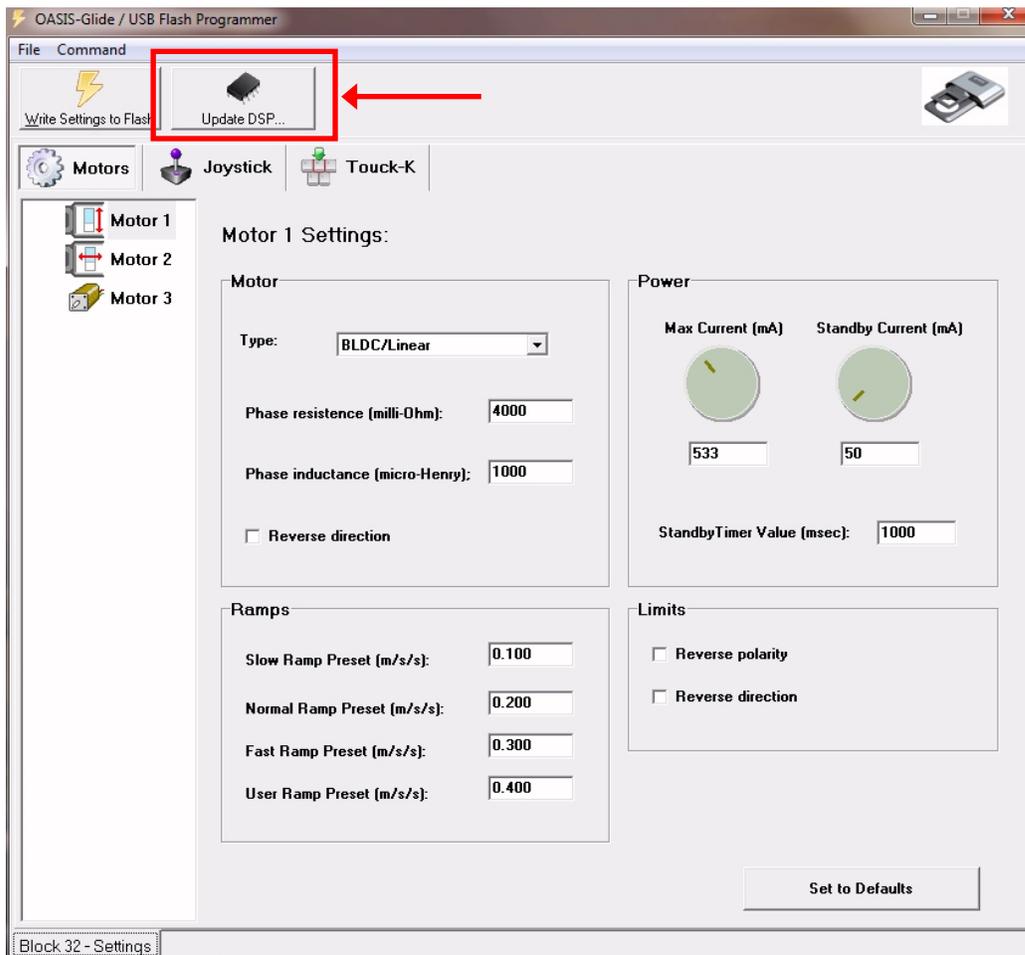


Using the Glide Flash Application

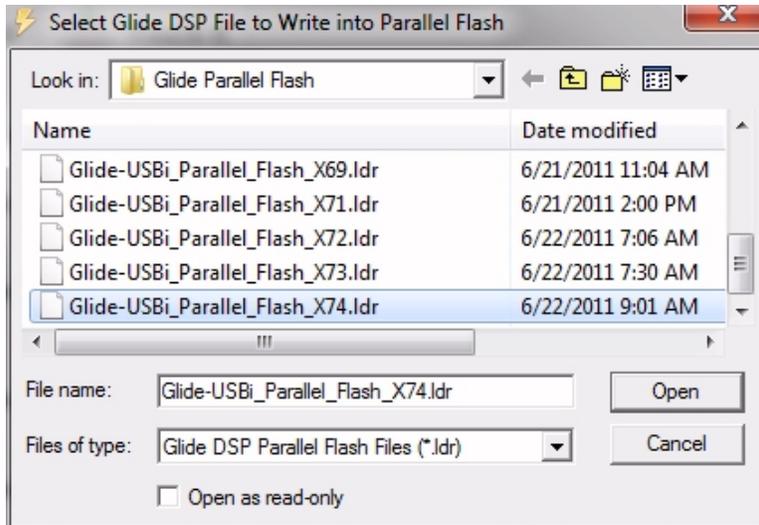
To update the OASIS-Glide Stage on-board DSP code, first start the GlideFlash.exe application, which can be found in the “<Program Files>\Objective Imaging\OASIS” folder.

To Update the OASIS-Glide Stage DSP Software

In the Glide Flash Programmer app, click the icon for “Update DSP...” and then select the appropriate DSP file. The OASIS Glide installation includes the current OASIS-Glide DSP file (*.ldr) in the “Utils” folder of the installer.

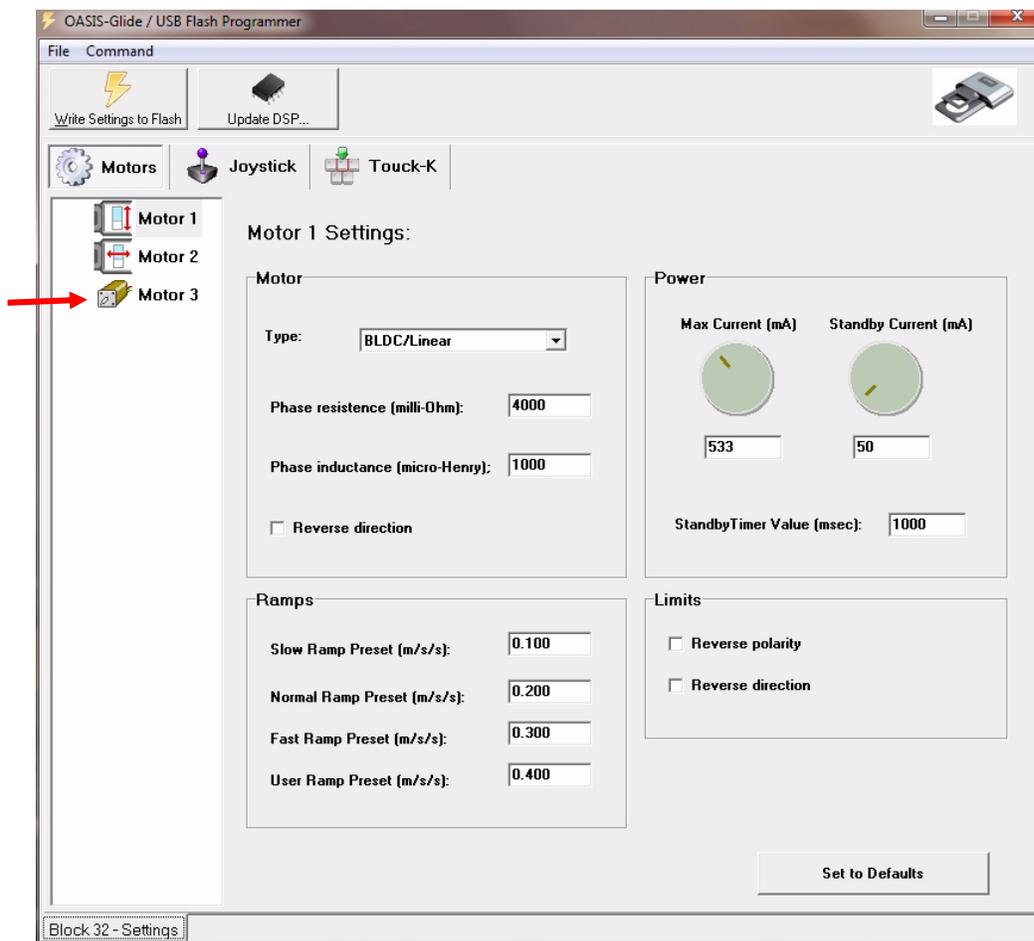


Once the DSP file is written and the status popup message finishes with a (quick) “OK”, you will need to then power-off then back on the Glide stage to re-load the new DSP software.



To Adjust Motor Settings

Motor settings are set in the Motors tab. Select the motor you wish to change on the left-hand side. Motor 3 is the Z-axis motor, so you will want to set that.



To start, just click the “Set to Defaults” button at the bottom-right of the page, which will fill in most things. The motor “Type” should be 2-phase stepper. You can dial in the motor currents you require. You can also reverse direction of both the motor and the limit switches, as well as set the limit switch polarity.

When you are finished making changes, click the Write Settings to Flash button on the main toolbar.

After the settings are written to flash, you will need to toggle the Glide stage power to have it re-load the new settings.