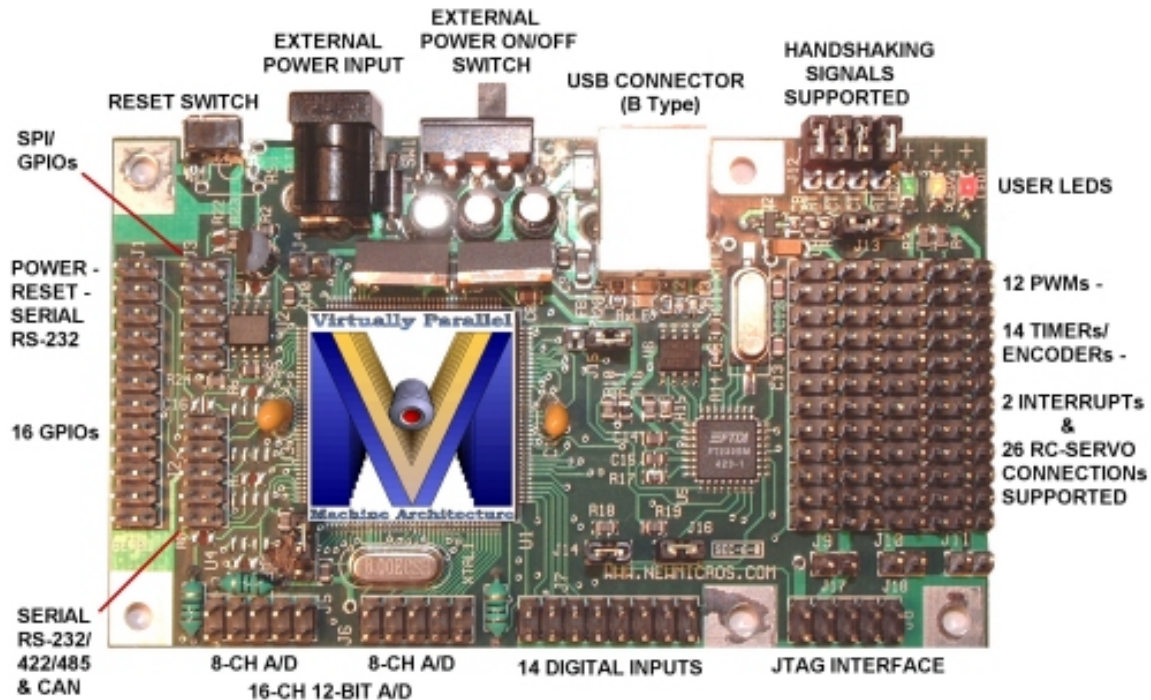# GETTING STARTED

Thank you for buying the ServoPod-USB™. We hope you will find the ServoPod-USB™ to be the incredibly useful small controller board we intended it to be, and easy to use as possible.
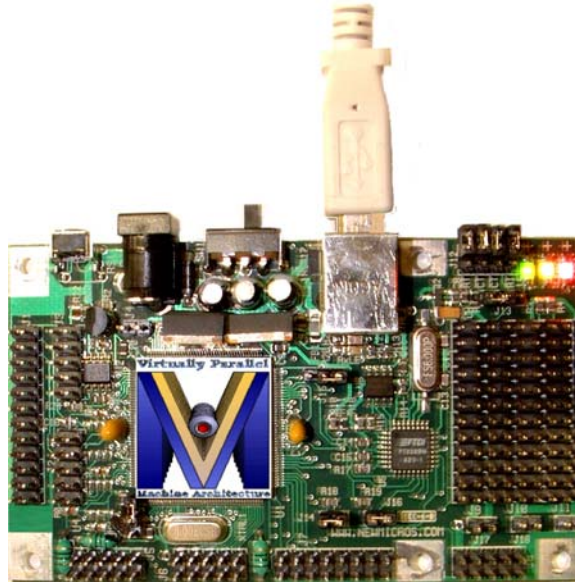

If you are new to the ServoPod-USB™, we know you will be in a hurry to see it working. Once we've got communications, then we can make some lights blink and know for sure we're in business. Let's make this "Pod" talk to us!

First, you need to download and install the following driver and program on your PC,

- Download the Virtual COM Port (VCP) USB driver from the link below,
http://www.ftdichip.com/FTDriver.htm

- Terminal Program, NMITerm
http://www.newmicros.com/download/software/NMI/NMITerm.zip

Connect the provided USB (A to B type) cable from the PC to the ServoPod-USB™. The PC will pop up the message: " Found New Hardware". It will ask to install the driver, usually when you install the driver for the first time. You can either let it automatically searches for the USB driver (make sure to unzip the file after you downloaded), or you can manually browse the window for the USB driver where it was downloaded and unzipped earlier. Once the FTDI USB driver is installed, you can open the communication program, NMITerm. The NMITerm program will open with the default configuration for 9600 baud, 8N1, and the COM port will be auto detected. Keep in mind, you must connect the USB cable prior to open the terminal program in order for the NMITerm to recognize the USB COM port with auto detection. If NMITerm detects other available serial COM port instead of USB COM port, click on the NMITerm Options menu, *Options>Settings>Serial COM Port,* change the COM Port along with the new baud rate 115,200. Click on APPLY, and OK buttons to save the new settings. If you are not sure which COM Port that is used by USB⇔Serial, you can look up under:
Start>Settings>Control Panel>System>Hardware>Device Manager>Ports(COM & LPT)

If everything is setup correctly, each time you hit an Enter key the NMITerm will respond with "**OK**". Seeing this message means the communication is established.

Now let's try to blink the LEDs. First, make sure the Caps Lock key is ON. At the Terminal prompt enters the followings and watch the LEDs respond ,
REDLED OFF <return>, **REDLED ON** <return>
YELLED OFF <return>, **YELLED ON** <return>
GRNLED OFF <return>, **GRNLED ON** <return>

Now you should have a good feeling because you can tell your ServoPod-USB™ is working. It's time for an overview of what your Servopod-USB™ has for features.
Please go to http://www.newmicros.com/store/product_manual/ServoPod-USB.zip to download the manual and read the rest.

Other related documents, appnotes, examples are also available for download from,
http://www.newmicros.com/store/product_details/download.html

For technical support, please visit our forum discussion,
http://www.newmicros.com/discussion
or, email: techsupport@newmicros.com