

Graphics External Memory Programmer

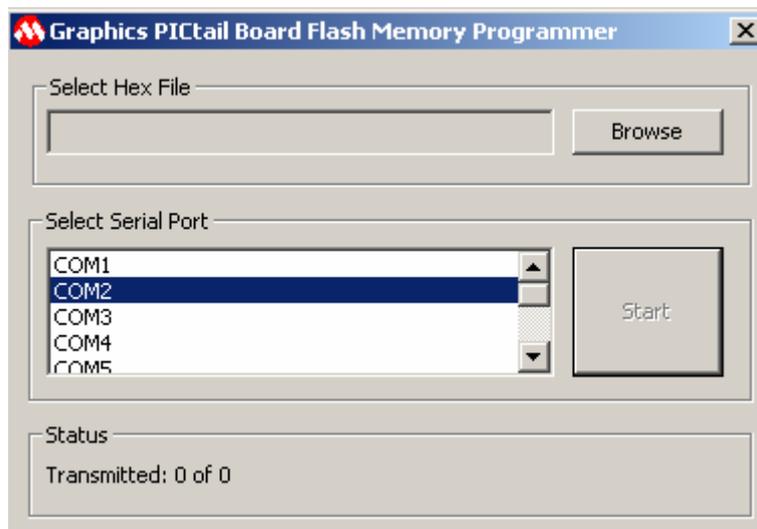
The demo projects are created to run on supported Microchip Demo Boards and development hardware. Pre-generated hex files are available on the "Precompiled [Demos](#)" sub-directory found in the demo directory. These hex files are generated using the alternative hardware profiles found in the sub-directory named "Alternative Configurations". Use the "Demo Compatibility Guide" when running pre-generated hex files appropriate for your hardware.

This programmer allows downloading Intel Hex file into memory installed on selected hardware. For illustration purposes lets take the example of the Graphics PICTail Plus Board 2 or 3 connected to the Explorer 16 board.

This set up consists of 2 parts: Explorer 16 Board side (prg.hex) and PC side (prg.exe). PC transmits Hex file to Explorer 16 Board through UART and Explorer 16 programs flash memory installed on Graphics PICTail Board using PMP.

To program flash memory on Graphics PICTail™ Plus Board following steps must be done:

1. Connect Explorer 16 to PC with RS232 cable.
2. Attach Graphics PICTail™ Plus Board to Explorer 16 with expansion connector J9.
3. Program Explorer 16 board with prg.hex.
4. Erase previous data in the memory. To do this on Explorer 16 while holding S3 button press and release MCLR. The buzzer will sound once after the memory is erased and ready for a new programming cycle.
5. Run prg.exe utility.



6. Press “Browse” button and select intel hex file to be programmed.
7. Select COM port connected to Explorer 16 board and press “Start” button