

Digital Programmable Gate Driver Programming Instructions

Software Required

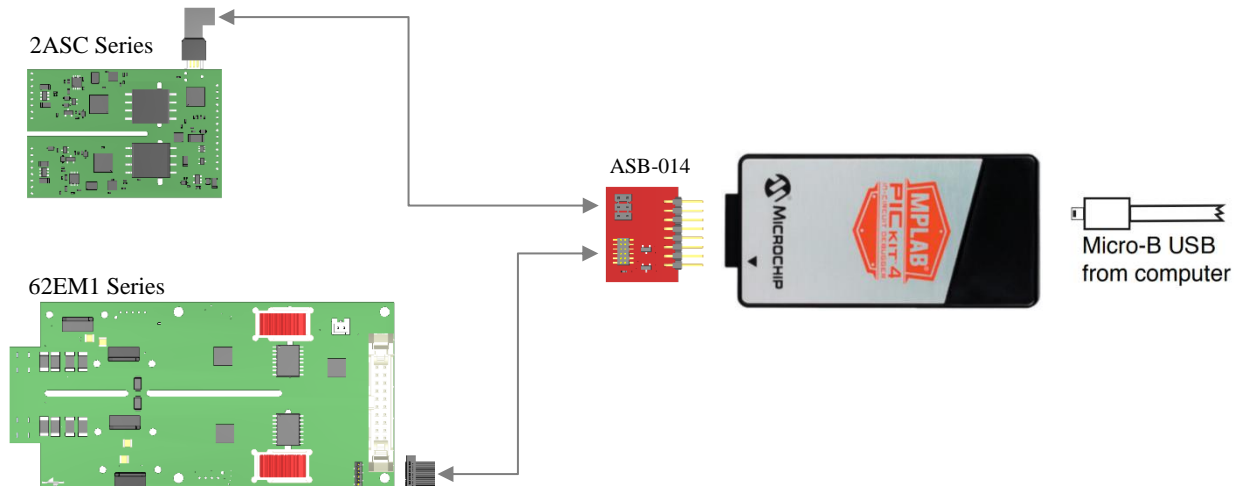
Item Name	Link
MPLAB X IPE (Integrated Programming Environment)	Download

Hardware Required

Part Number	Item Name	Description
ASBK-014	Device Programmer	PICKit 4 with Adapter Board and Cables

Procedure

1. Connect the MPLAB PICKit 4 to the computer using the supplied Micro-B USB cable.
2. Plug the ASB-014 Adapter Board into the PICKit 4 Programmer.
3. Connect the Adapter Board to the Gate Driver using the appropriate cables:



4. Supply power to the Gate Driver by using only one of the methods below:
 - a. External supply provided by user
 - b. Power Target from PICKit 4 (Settings>Advanced>Power)

Note: Do not use both methods at the same time. This risks damage to the device.

5. Open the MPLABX IPE software.
6. Select the appropriate PIC device to program and click Apply.

2ASC-12A1HP	PIC16F1776
2ASC-17A1HP	PIC16F1776
62EM1	PIC16F1773

7. Click the Connect button to connect the PICKit4.
8. Use Browse to load the .hex programming file.
9. Click on Program to flash the device.

For additional details, please visit www.microchip.com/pickit4.