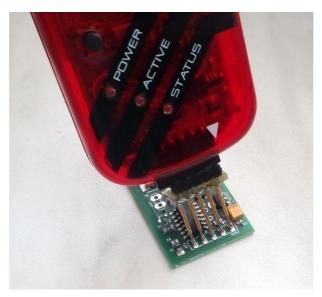# Flashing new firmware

By flashing new firmware you could possibly upgrade the EVSE to support some future improvements or download custom firmware (usually custom current presets).

Microchip IPE utility + PICKit 3 hardware is required for this purpose. (https://microchip.wikidot.com/ipe:what-is-ipe)

Using PICKit3 to flash new software

1. install MPLAB X software (http://www.microchip.com/mplabx/)

2. enable advanced mode in settings and check "Power Target Circuit from Tool" in "Power" tab on the left

3. put device id "PIC16F1825" and connect to your PICKit

4. select HEX file and click "Program" the device