



**AC164114 - PIC18F1xK50 Programming Adapter.** The PIC18F1xK50 Programming Adapter is designed to prevent damage to the USB PIC Microcontroller during programming. It limits voltage at the VPP pin to 8.9V, and also prevents the voltage applied to D+/D- from exceeding 3.6V. In addition, it automatically protects USB data connections during the program/erase cycle - thus, the USB cable does not need to be unplugged from the USB host during these operations.