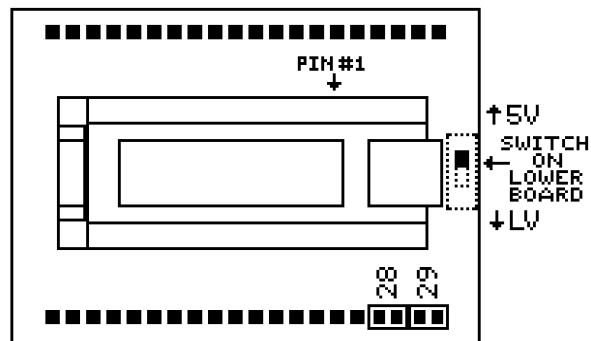# USING THE ASOIC44/M8 ADAPTER

The ASOIC44/M8 adapter supports 1, 2, 4 and 8 meg flash memory parts fabricated in a 44 pin SOIC (Small Outline Integrated Circuit) package. There are two part families (28 and 29) which are compatible. (EXAMPLE: 28F200B, 29LV400T, etc.) The adapter supports both the 5 volt (F) and 3 volt (LV) parts. The adapter has a switch mounted on the lower board of the two board assembly which sets the operating voltage (see illustration). If you are working with a Low Voltage part set the switch to the (LV) position. Set the switch to 5V for 5 volt parts.

SETTING THE 28/29 CONFIGURATION JUMPER

The adapter uses a jumper to configure the adapter for the desired device family. If you are working with a 28 series part set the jumper to the 28 position. If you are working with a 29 series part set the jumper to 29.

ABOUT LOW VOLTAGE (LV) PARTS

Due to the nature of low voltage technology, LV devices will require more time to erase and program than 5 volt parts. Do not interrupt the system during the ERASE process. Flash parts are erased using the DEVICE OPTIONS (Z) command.

INSERTING DEVICES INTO THE SOCKET

To install a device into the SOIC socket press the top latch opposite the hinged end of the socket. The top will open. Gently lay the part in the socket and be certain that it is centered. Note that the dot/dimple on the part (PIN 1) must align with the PIN#1 arrow on the socket. Press the top down until it latches and remains shut.

NOTE: If you are working with a part which has been removed from a board you must insure that the pins are perfectly straight and clean. Any residue or contamination will prevent the socket from properly contacting the chip and therefore result in invalid reading or programming.