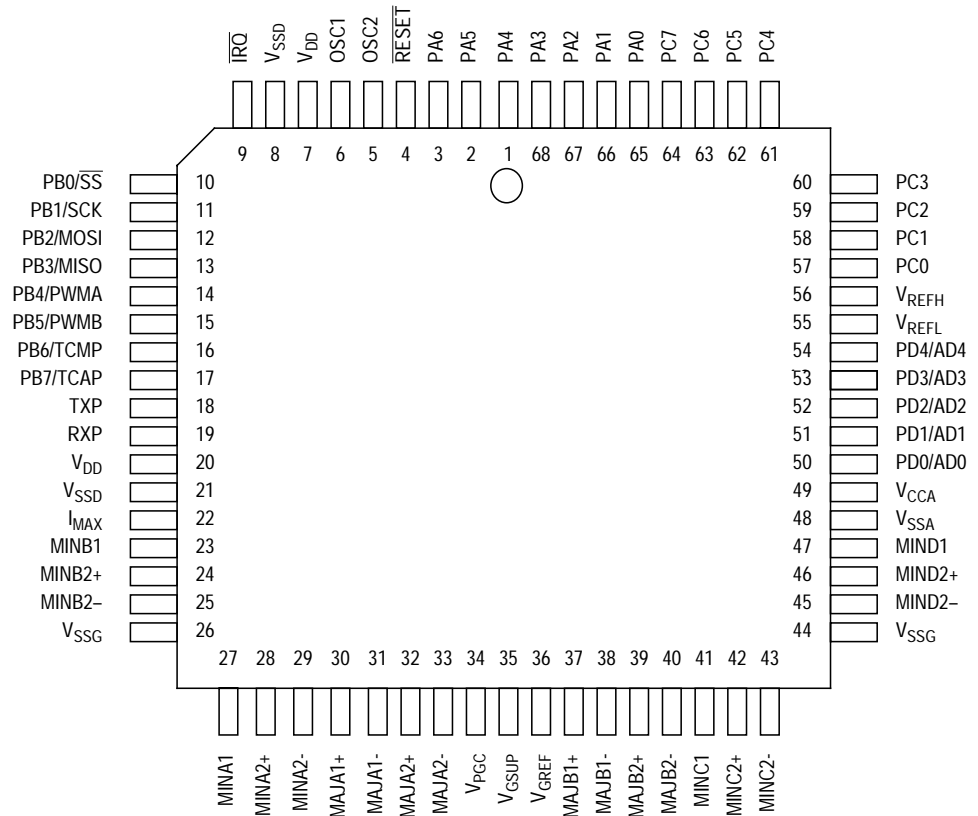


General Description

1.7 Functional Pin Descriptions

The pinout for the MC68HC705V12 is shown in **Figure 1-2** and is followed by a functional description of each pin.



**Figure 1-2. Pin Assignments
(68-Pin PLCC Package)**

1.7.1 V_{DD} and V_{SSD}

These pins provide power to all the microcontroller's digital circuits. The short rise and fall times of the MCU supply current transients place very high short-duration current demands on the internal power supply. To prevent noise problems, special care should be taken to provide good power supply bypassing at the MCU by using bypass capacitors with good high-frequency characteristics that are positioned as close to the