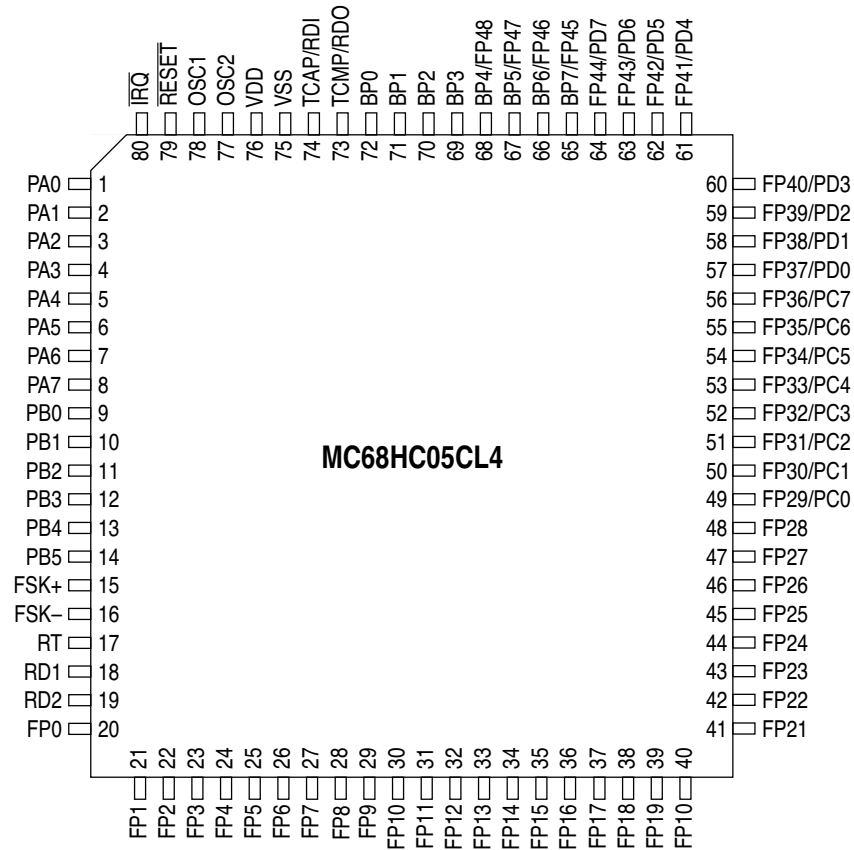


### 1.4 PIN ASSIGNMENTS

The MC68HC05CL4 is available in the 80-pin QFP package. The pin assignments for this packages are shown in **Figure 1-2**.



**Figure 1-2. MC68HC05CL4 Pin Assignments**

### 1.5 FUNCTIONAL PIN DESCRIPTION

The following paragraphs give a description of the general function of each pin.

#### 1.5.1 VDD AND VSS

Power is supplied to the MCU through VDD and VSS. VDD is the positive supply, and VSS is ground. The MCU operates from a single power supply.

Very fast signal transitions occur on the MCU pins. The short rise and fall times place very high short-duration current demands on the 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 MCU as possible.