**Step 2:**

Bus and Memory Controls: Memory Read

PC Controls: PC-ADDR

**Step 3:**

Register Load: LD ACC

Bus and Memory Controls: Imm

**Step 4:**

Register Load: LD ACC

Bus and Memory Controls: Imm, StatEn and Res-Acc

**Step 5:**

Register Load: Load PC

PC Control: IR-PC and PCDIR

**Step 6:**

Register Load: Load PC

Conditionals: BRA

PC Control: PC EXS, IR-PC and Offset

**Step 8:**

Register Load: Load PC

Conditionals: BRA

PC Control: PC EXS, IR-PC and Offset