第五章作业

**对于指令：ADD (R2)，1000H(PC)**

**画出其指令周期流程图，并列出相应的微操作控制信号**

1 (PC)->MAR PCount,MARin

2 PC+1->PC +1

3 (M)-MDR WE=0,MDRin

4 (MDR)-C MDRout,Cin

5 (PC)->D PCout,Din

6 (C)+(D)->MAR ADD,Zout,MARin

7 (M)->MDR WE=0,MDRin

8 (MDR)->C MDRout,Cin

9 (R2)->MAR R2out,MARin

10 (M)->MDR WE=0,MDRin

11(MDR)->D MDRout,Din

12(C)+(D)->MDR ADD,Zout,MDRin

13(MDR)->M EMDR,WE=1

开始