Пензенский Государственный Университет

Кафедра «Вычислительная техника»

Отчет о выполнении работы по дисциплине

«ЭВМ и периферийные устройства»

Лабораторная работа №4

«Выполнение сдвигов и организация циклов»

Выполнили: ст. группы 20ВВ2.1

Горбунов Н.А.  
Исаев С.Д.

Приняли:

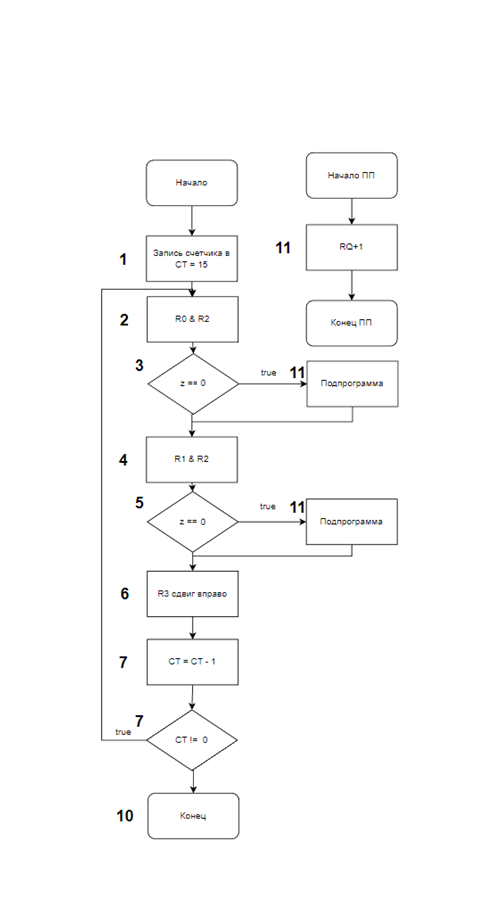
Коннов Н.Н.

Патунин Д.В.

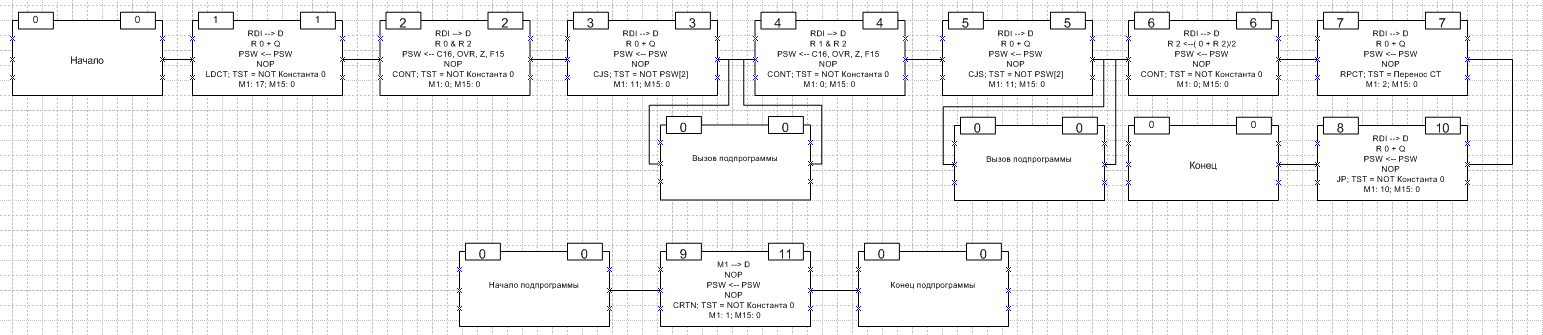
Пенза, 2022

**Задание:** разработать и отладить микропрограмму подсчета количества единиц, содержащихся в кодах в регистрах R0 и R1. Результат необходимо подсчитывать в регистре Q.

**Реализуемый алгоритм**



**Код программы:**



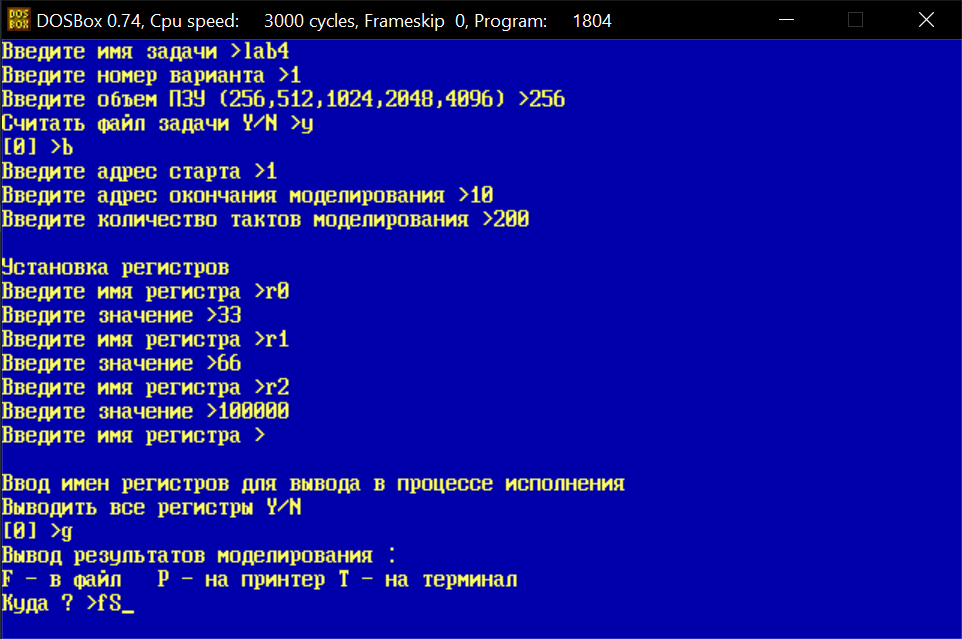
**Ожидаемый результат:**

R0<-0000 0000 0001 10112 = 338,   
R1<- 0000 0000 0011 01102 = 668,   
Q<-308 = 24



Ожидаемый и наблюдаемый результаты совпали.

**Трассировка программы**

****

Адрес старта : 1

Адрес окончания моделирования : 10

Количество тактов моделирования : 200

Пошаговое моделирование

R0 = 33 R1 = 66 R2 =100000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 0 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 0 CT = 0 DBU = 0 CMK = 2 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 0 PSW = 0 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 0 PR15= 0

PR0 = 0 PQ15= 0 PQ0 = 0

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

1 17 1 7 14 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :2 TAKT= 1

R0 = 33 R1 = 66 R2 =100000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 0 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 33 CT = 17 DBU = 17 CMK = 3 RA = 17 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 0 PSW = 0 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

2 0 0 7 16 0 2 0 0 1 4 1 0 1 0 0

Адрес следующей микрокоманды :3 TAKT= 2

R0 = 33 R1 = 66 R2 =100000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 0 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 0 CT = 17 DBU = 0 CMK = 4 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 0 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 1 F15 = 0 TST = 0 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

3 11 0 2 1 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :11 TAKT= 3

R0 = 33 R1 = 66 R2 =100000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 0 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 33 CT = 17 DBU = 11 CMK = 12 RA = 11 ST0 = 4

ST1 = 0 ST2 = 0 ST3 = 0 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

11 1 1 7 12 0 0 0 0 6 0 0 2 0 0 0

Адрес следующей микрокоманды :4 TAKT= 4

R0 = 33 R1 = 66 R2 =100000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 1 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 1

YBC = 1 CT = 17 DBU = 1 CMK = 5 RA = 1 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

4 0 1 7 16 1 2 0 0 1 4 1 0 1 0 0

Адрес следующей микрокоманды :5 TAKT= 5

R0 = 33 R1 = 66 R2 =100000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 1 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 0 CT = 17 DBU = 0 CMK = 6 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 1 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

5 11 0 2 1 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :11 TAKT= 6

R0 = 33 R1 = 66 R2 =100000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 1 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 34 CT = 17 DBU = 11 CMK = 12 RA = 11 ST0 = 6

ST1 = 0 ST2 = 0 ST3 = 0 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

11 1 1 7 12 0 0 0 0 6 0 0 2 0 0 0

Адрес следующей микрокоманды :6 TAKT= 7

R0 = 33 R1 = 66 R2 =100000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 2 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 1

YBC = 2 CT = 17 DBU = 1 CMK = 7 RA = 1 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

6 0 1 7 16 0 2 0 0 3 0 5 0 0 0 0

Адрес следующей микрокоманды :7 TAKT= 8

R0 = 33 R1 = 66 R2 = 40000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 2 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC =100000 CT = 17 DBU = 0 CMK = 10 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 1 TST = 1 PR15= 0

PR0 = 0 PQ15= 0 PQ0 = 0

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

7 2 0 6 11 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :2 TAKT= 9

R0 = 33 R1 = 66 R2 = 40000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 2 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 35 CT = 16 DBU = 2 CMK = 3 RA = 2 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 0 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

2 0 0 7 16 0 2 0 0 1 4 1 0 1 0 0

Адрес следующей микрокоманды :3 TAKT= 10

R0 = 33 R1 = 66 R2 = 40000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 2 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 0 CT = 16 DBU = 0 CMK = 4 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 1 F15 = 0 TST = 0 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

3 11 0 2 1 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :11 TAKT= 11

R0 = 33 R1 = 66 R2 = 40000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 2 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 35 CT = 16 DBU = 11 CMK = 12 RA = 11 ST0 = 4

ST1 = 0 ST2 = 0 ST3 = 0 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

11 1 1 7 12 0 0 0 0 6 0 0 2 0 0 0

Адрес следующей микрокоманды :4 TAKT= 12

R0 = 33 R1 = 66 R2 = 40000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 3 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 1

YBC = 3 CT = 16 DBU = 1 CMK = 5 RA = 1 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

4 0 1 7 16 1 2 0 0 1 4 1 0 1 0 0

Адрес следующей микрокоманды :5 TAKT= 13

R0 = 33 R1 = 66 R2 = 40000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 3 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 0 CT = 16 DBU = 0 CMK = 6 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 1 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

5 11 0 2 1 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :11 TAKT= 14

R0 = 33 R1 = 66 R2 = 40000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 3 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 36 CT = 16 DBU = 11 CMK = 12 RA = 11 ST0 = 6

ST1 = 0 ST2 = 0 ST3 = 0 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

11 1 1 7 12 0 0 0 0 6 0 0 2 0 0 0

Адрес следующей микрокоманды :6 TAKT= 15

R0 = 33 R1 = 66 R2 = 40000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 4 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 1

YBC = 4 CT = 16 DBU = 1 CMK = 7 RA = 1 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

6 0 1 7 16 0 2 0 0 3 0 5 0 0 0 0

Адрес следующей микрокоманды :7 TAKT= 16

R0 = 33 R1 = 66 R2 = 20000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 4 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 40000 CT = 16 DBU = 0 CMK = 10 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 0 PQ15= 0 PQ0 = 0

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

7 2 0 6 11 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :2 TAKT= 17

R0 = 33 R1 = 66 R2 = 20000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 4 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 37 CT = 15 DBU = 2 CMK = 3 RA = 2 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 0 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

2 0 0 7 16 0 2 0 0 1 4 1 0 1 0 0

Адрес следующей микрокоманды :3 TAKT= 18

R0 = 33 R1 = 66 R2 = 20000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 4 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 0 CT = 15 DBU = 0 CMK = 4 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 1 F15 = 0 TST = 0 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

3 11 0 2 1 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :11 TAKT= 19

R0 = 33 R1 = 66 R2 = 20000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 4 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 37 CT = 15 DBU = 11 CMK = 12 RA = 11 ST0 = 4

ST1 = 0 ST2 = 0 ST3 = 0 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

11 1 1 7 12 0 0 0 0 6 0 0 2 0 0 0

Адрес следующей микрокоманды :4 TAKT= 20

R0 = 33 R1 = 66 R2 = 20000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 5 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 1

YBC = 5 CT = 15 DBU = 1 CMK = 5 RA = 1 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

4 0 1 7 16 1 2 0 0 1 4 1 0 1 0 0

Адрес следующей микрокоманды :5 TAKT= 21

R0 = 33 R1 = 66 R2 = 20000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 5 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 0 CT = 15 DBU = 0 CMK = 6 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 1 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

5 11 0 2 1 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :11 TAKT= 22

R0 = 33 R1 = 66 R2 = 20000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 5 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 40 CT = 15 DBU = 11 CMK = 12 RA = 11 ST0 = 6

ST1 = 0 ST2 = 0 ST3 = 0 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

11 1 1 7 12 0 0 0 0 6 0 0 2 0 0 0

Адрес следующей микрокоманды :6 TAKT= 23

R0 = 33 R1 = 66 R2 = 20000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 6 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 1

YBC = 6 CT = 15 DBU = 1 CMK = 7 RA = 1 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

6 0 1 7 16 0 2 0 0 3 0 5 0 0 0 0

Адрес следующей микрокоманды :7 TAKT= 24

R0 = 33 R1 = 66 R2 = 10000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 6 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 20000 CT = 15 DBU = 0 CMK = 10 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 0 PQ15= 0 PQ0 = 0

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

7 2 0 6 11 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :2 TAKT= 25

R0 = 33 R1 = 66 R2 = 10000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 6 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 41 CT = 14 DBU = 2 CMK = 3 RA = 2 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 0 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

2 0 0 7 16 0 2 0 0 1 4 1 0 1 0 0

Адрес следующей микрокоманды :3 TAKT= 26

R0 = 33 R1 = 66 R2 = 10000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 6 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 0 CT = 14 DBU = 0 CMK = 4 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 1 F15 = 0 TST = 0 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

3 11 0 2 1 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :11 TAKT= 27

R0 = 33 R1 = 66 R2 = 10000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 6 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 41 CT = 14 DBU = 11 CMK = 12 RA = 11 ST0 = 4

ST1 = 0 ST2 = 0 ST3 = 0 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

11 1 1 7 12 0 0 0 0 6 0 0 2 0 0 0

Адрес следующей микрокоманды :4 TAKT= 28

R0 = 33 R1 = 66 R2 = 10000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 7 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 1

YBC = 7 CT = 14 DBU = 1 CMK = 5 RA = 1 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

4 0 1 7 16 1 2 0 0 1 4 1 0 1 0 0

Адрес следующей микрокоманды :5 TAKT= 29

R0 = 33 R1 = 66 R2 = 10000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 7 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 0 CT = 14 DBU = 0 CMK = 6 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 1 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

5 11 0 2 1 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :11 TAKT= 30

R0 = 33 R1 = 66 R2 = 10000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 7 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 42 CT = 14 DBU = 11 CMK = 12 RA = 11 ST0 = 6

ST1 = 0 ST2 = 0 ST3 = 0 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

11 1 1 7 12 0 0 0 0 6 0 0 2 0 0 0

Адрес следующей микрокоманды :6 TAKT= 31

R0 = 33 R1 = 66 R2 = 10000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 10 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 1

YBC = 10 CT = 14 DBU = 1 CMK = 7 RA = 1 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

6 0 1 7 16 0 2 0 0 3 0 5 0 0 0 0

Адрес следующей микрокоманды :7 TAKT= 32

R0 = 33 R1 = 66 R2 = 4000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 10 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 10000 CT = 14 DBU = 0 CMK = 10 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 0 PQ15= 0 PQ0 = 0

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

7 2 0 6 11 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :2 TAKT= 33

R0 = 33 R1 = 66 R2 = 4000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 10 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 43 CT = 13 DBU = 2 CMK = 3 RA = 2 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 0 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

2 0 0 7 16 0 2 0 0 1 4 1 0 1 0 0

Адрес следующей микрокоманды :3 TAKT= 34

R0 = 33 R1 = 66 R2 = 4000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 10 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 0 CT = 13 DBU = 0 CMK = 4 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 1 F15 = 0 TST = 0 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

3 11 0 2 1 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :11 TAKT= 35

R0 = 33 R1 = 66 R2 = 4000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 10 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 43 CT = 13 DBU = 11 CMK = 12 RA = 11 ST0 = 4

ST1 = 0 ST2 = 0 ST3 = 0 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

11 1 1 7 12 0 0 0 0 6 0 0 2 0 0 0

Адрес следующей микрокоманды :4 TAKT= 36

R0 = 33 R1 = 66 R2 = 4000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 11 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 1

YBC = 11 CT = 13 DBU = 1 CMK = 5 RA = 1 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

4 0 1 7 16 1 2 0 0 1 4 1 0 1 0 0

Адрес следующей микрокоманды :5 TAKT= 37

R0 = 33 R1 = 66 R2 = 4000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 11 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 0 CT = 13 DBU = 0 CMK = 6 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 1 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

5 11 0 2 1 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :11 TAKT= 38

R0 = 33 R1 = 66 R2 = 4000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 11 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 44 CT = 13 DBU = 11 CMK = 12 RA = 11 ST0 = 6

ST1 = 0 ST2 = 0 ST3 = 0 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

11 1 1 7 12 0 0 0 0 6 0 0 2 0 0 0

Адрес следующей микрокоманды :6 TAKT= 39

R0 = 33 R1 = 66 R2 = 4000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 12 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 1

YBC = 12 CT = 13 DBU = 1 CMK = 7 RA = 1 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

6 0 1 7 16 0 2 0 0 3 0 5 0 0 0 0

Адрес следующей микрокоманды :7 TAKT= 40

R0 = 33 R1 = 66 R2 = 2000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 12 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 4000 CT = 13 DBU = 0 CMK = 10 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 0 PQ15= 0 PQ0 = 0

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

7 2 0 6 11 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :2 TAKT= 41

R0 = 33 R1 = 66 R2 = 2000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 12 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 45 CT = 12 DBU = 2 CMK = 3 RA = 2 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 0 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

2 0 0 7 16 0 2 0 0 1 4 1 0 1 0 0

Адрес следующей микрокоманды :3 TAKT= 42

R0 = 33 R1 = 66 R2 = 2000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 12 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 0 CT = 12 DBU = 0 CMK = 4 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 1 F15 = 0 TST = 0 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

3 11 0 2 1 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :11 TAKT= 43

R0 = 33 R1 = 66 R2 = 2000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 12 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 45 CT = 12 DBU = 11 CMK = 12 RA = 11 ST0 = 4

ST1 = 0 ST2 = 0 ST3 = 0 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

11 1 1 7 12 0 0 0 0 6 0 0 2 0 0 0

Адрес следующей микрокоманды :4 TAKT= 44

R0 = 33 R1 = 66 R2 = 2000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 13 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 1

YBC = 13 CT = 12 DBU = 1 CMK = 5 RA = 1 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

4 0 1 7 16 1 2 0 0 1 4 1 0 1 0 0

Адрес следующей микрокоманды :5 TAKT= 45

R0 = 33 R1 = 66 R2 = 2000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 13 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 0 CT = 12 DBU = 0 CMK = 6 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 1 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

5 11 0 2 1 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :11 TAKT= 46

R0 = 33 R1 = 66 R2 = 2000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 13 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 46 CT = 12 DBU = 11 CMK = 12 RA = 11 ST0 = 6

ST1 = 0 ST2 = 0 ST3 = 0 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

11 1 1 7 12 0 0 0 0 6 0 0 2 0 0 0

Адрес следующей микрокоманды :6 TAKT= 47

R0 = 33 R1 = 66 R2 = 2000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 14 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 1

YBC = 14 CT = 12 DBU = 1 CMK = 7 RA = 1 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

6 0 1 7 16 0 2 0 0 3 0 5 0 0 0 0

Адрес следующей микрокоманды :7 TAKT= 48

R0 = 33 R1 = 66 R2 = 1000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 14 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 2000 CT = 12 DBU = 0 CMK = 10 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 0 PQ15= 0 PQ0 = 0

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

7 2 0 6 11 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :2 TAKT= 49

R0 = 33 R1 = 66 R2 = 1000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 14 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 47 CT = 11 DBU = 2 CMK = 3 RA = 2 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 0 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

2 0 0 7 16 0 2 0 0 1 4 1 0 1 0 0

Адрес следующей микрокоманды :3 TAKT= 50

R0 = 33 R1 = 66 R2 = 1000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 14 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 0 CT = 11 DBU = 0 CMK = 4 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 1 F15 = 0 TST = 0 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

3 11 0 2 1 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :11 TAKT= 51

R0 = 33 R1 = 66 R2 = 1000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 14 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 47 CT = 11 DBU = 11 CMK = 12 RA = 11 ST0 = 4

ST1 = 0 ST2 = 0 ST3 = 0 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

11 1 1 7 12 0 0 0 0 6 0 0 2 0 0 0

Адрес следующей микрокоманды :4 TAKT= 52

R0 = 33 R1 = 66 R2 = 1000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 15 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 1

YBC = 15 CT = 11 DBU = 1 CMK = 5 RA = 1 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

4 0 1 7 16 1 2 0 0 1 4 1 0 1 0 0

Адрес следующей микрокоманды :5 TAKT= 53

R0 = 33 R1 = 66 R2 = 1000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 15 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 0 CT = 11 DBU = 0 CMK = 6 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 1 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

5 11 0 2 1 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :11 TAKT= 54

R0 = 33 R1 = 66 R2 = 1000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 15 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 50 CT = 11 DBU = 11 CMK = 12 RA = 11 ST0 = 6

ST1 = 0 ST2 = 0 ST3 = 0 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

11 1 1 7 12 0 0 0 0 6 0 0 2 0 0 0

Адрес следующей микрокоманды :6 TAKT= 55

R0 = 33 R1 = 66 R2 = 1000 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 16 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 1

YBC = 16 CT = 11 DBU = 1 CMK = 7 RA = 1 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

6 0 1 7 16 0 2 0 0 3 0 5 0 0 0 0

Адрес следующей микрокоманды :7 TAKT= 56

R0 = 33 R1 = 66 R2 = 400 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 16 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 1000 CT = 11 DBU = 0 CMK = 10 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 0 PQ15= 0 PQ0 = 0

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

7 2 0 6 11 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :2 TAKT= 57

R0 = 33 R1 = 66 R2 = 400 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 16 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 51 CT = 10 DBU = 2 CMK = 3 RA = 2 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 0 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

2 0 0 7 16 0 2 0 0 1 4 1 0 1 0 0

Адрес следующей микрокоманды :3 TAKT= 58

R0 = 33 R1 = 66 R2 = 400 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 16 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 0 CT = 10 DBU = 0 CMK = 4 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 1 F15 = 0 TST = 0 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

3 11 0 2 1 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :11 TAKT= 59

R0 = 33 R1 = 66 R2 = 400 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 16 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 51 CT = 10 DBU = 11 CMK = 12 RA = 11 ST0 = 4

ST1 = 0 ST2 = 0 ST3 = 0 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

11 1 1 7 12 0 0 0 0 6 0 0 2 0 0 0

Адрес следующей микрокоманды :4 TAKT= 60

R0 = 33 R1 = 66 R2 = 400 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 17 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 1

YBC = 17 CT = 10 DBU = 1 CMK = 5 RA = 1 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

4 0 1 7 16 1 2 0 0 1 4 1 0 1 0 0

Адрес следующей микрокоманды :5 TAKT= 61

R0 = 33 R1 = 66 R2 = 400 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 17 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 0 CT = 10 DBU = 0 CMK = 6 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 1 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

5 11 0 2 1 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :11 TAKT= 62

R0 = 33 R1 = 66 R2 = 400 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 17 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 52 CT = 10 DBU = 11 CMK = 12 RA = 11 ST0 = 6

ST1 = 0 ST2 = 0 ST3 = 0 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

11 1 1 7 12 0 0 0 0 6 0 0 2 0 0 0

Адрес следующей микрокоманды :6 TAKT= 63

R0 = 33 R1 = 66 R2 = 400 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 20 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 1

YBC = 20 CT = 10 DBU = 1 CMK = 7 RA = 1 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

6 0 1 7 16 0 2 0 0 3 0 5 0 0 0 0

Адрес следующей микрокоманды :7 TAKT= 64

R0 = 33 R1 = 66 R2 = 200 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 20 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 400 CT = 10 DBU = 0 CMK = 10 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 0 PQ15= 0 PQ0 = 0

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

7 2 0 6 11 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :2 TAKT= 65

R0 = 33 R1 = 66 R2 = 200 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 20 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 53 CT = 7 DBU = 2 CMK = 3 RA = 2 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 0 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

2 0 0 7 16 0 2 0 0 1 4 1 0 1 0 0

Адрес следующей микрокоманды :3 TAKT= 66

R0 = 33 R1 = 66 R2 = 200 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 20 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 0 CT = 7 DBU = 0 CMK = 4 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 1 F15 = 0 TST = 0 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

3 11 0 2 1 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :11 TAKT= 67

R0 = 33 R1 = 66 R2 = 200 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 20 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 53 CT = 7 DBU = 11 CMK = 12 RA = 11 ST0 = 4

ST1 = 0 ST2 = 0 ST3 = 0 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

11 1 1 7 12 0 0 0 0 6 0 0 2 0 0 0

Адрес следующей микрокоманды :4 TAKT= 68

R0 = 33 R1 = 66 R2 = 200 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 21 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 1

YBC = 21 CT = 7 DBU = 1 CMK = 5 RA = 1 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

4 0 1 7 16 1 2 0 0 1 4 1 0 1 0 0

Адрес следующей микрокоманды :5 TAKT= 69

R0 = 33 R1 = 66 R2 = 200 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 21 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 0 CT = 7 DBU = 0 CMK = 6 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 1 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

5 11 0 2 1 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :11 TAKT= 70

R0 = 33 R1 = 66 R2 = 200 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 21 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 54 CT = 7 DBU = 11 CMK = 12 RA = 11 ST0 = 6

ST1 = 0 ST2 = 0 ST3 = 0 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

11 1 1 7 12 0 0 0 0 6 0 0 2 0 0 0

Адрес следующей микрокоманды :6 TAKT= 71

R0 = 33 R1 = 66 R2 = 200 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 22 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 1

YBC = 22 CT = 7 DBU = 1 CMK = 7 RA = 1 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

6 0 1 7 16 0 2 0 0 3 0 5 0 0 0 0

Адрес следующей микрокоманды :7 TAKT= 72

R0 = 33 R1 = 66 R2 = 100 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 22 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 200 CT = 7 DBU = 0 CMK = 10 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 0 PQ15= 0 PQ0 = 0

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

7 2 0 6 11 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :2 TAKT= 73

R0 = 33 R1 = 66 R2 = 100 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 22 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 55 CT = 6 DBU = 2 CMK = 3 RA = 2 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 0 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

2 0 0 7 16 0 2 0 0 1 4 1 0 1 0 0

Адрес следующей микрокоманды :3 TAKT= 74

R0 = 33 R1 = 66 R2 = 100 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 22 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 0 CT = 6 DBU = 0 CMK = 4 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 1 F15 = 0 TST = 0 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

3 11 0 2 1 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :11 TAKT= 75

R0 = 33 R1 = 66 R2 = 100 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 22 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 55 CT = 6 DBU = 11 CMK = 12 RA = 11 ST0 = 4

ST1 = 0 ST2 = 0 ST3 = 0 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

11 1 1 7 12 0 0 0 0 6 0 0 2 0 0 0

Адрес следующей микрокоманды :4 TAKT= 76

R0 = 33 R1 = 66 R2 = 100 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 23 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 1

YBC = 23 CT = 6 DBU = 1 CMK = 5 RA = 1 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

4 0 1 7 16 1 2 0 0 1 4 1 0 1 0 0

Адрес следующей микрокоманды :5 TAKT= 77

R0 = 33 R1 = 66 R2 = 100 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 23 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 0 CT = 6 DBU = 0 CMK = 6 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 1 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

5 11 0 2 1 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :11 TAKT= 78

R0 = 33 R1 = 66 R2 = 100 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 23 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 56 CT = 6 DBU = 11 CMK = 12 RA = 11 ST0 = 6

ST1 = 0 ST2 = 0 ST3 = 0 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

11 1 1 7 12 0 0 0 0 6 0 0 2 0 0 0

Адрес следующей микрокоманды :6 TAKT= 79

R0 = 33 R1 = 66 R2 = 100 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 24 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 1

YBC = 24 CT = 6 DBU = 1 CMK = 7 RA = 1 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

6 0 1 7 16 0 2 0 0 3 0 5 0 0 0 0

Адрес следующей микрокоманды :7 TAKT= 80

R0 = 33 R1 = 66 R2 = 40 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 24 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 100 CT = 6 DBU = 0 CMK = 10 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 0 PQ15= 0 PQ0 = 0

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

7 2 0 6 11 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :2 TAKT= 81

R0 = 33 R1 = 66 R2 = 40 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 24 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 57 CT = 5 DBU = 2 CMK = 3 RA = 2 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 0 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

2 0 0 7 16 0 2 0 0 1 4 1 0 1 0 0

Адрес следующей микрокоманды :3 TAKT= 82

R0 = 33 R1 = 66 R2 = 40 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 24 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 0 CT = 5 DBU = 0 CMK = 4 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 1 F15 = 0 TST = 0 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

3 11 0 2 1 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :11 TAKT= 83

R0 = 33 R1 = 66 R2 = 40 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 24 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 57 CT = 5 DBU = 11 CMK = 12 RA = 11 ST0 = 4

ST1 = 0 ST2 = 0 ST3 = 0 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

11 1 1 7 12 0 0 0 0 6 0 0 2 0 0 0

Адрес следующей микрокоманды :4 TAKT= 84

R0 = 33 R1 = 66 R2 = 40 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 25 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 1

YBC = 25 CT = 5 DBU = 1 CMK = 5 RA = 1 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

4 0 1 7 16 1 2 0 0 1 4 1 0 1 0 0

Адрес следующей микрокоманды :5 TAKT= 85

R0 = 33 R1 = 66 R2 = 40 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 25 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 40 CT = 5 DBU = 0 CMK = 6 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 0 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

5 11 0 2 1 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :6 TAKT= 86

R0 = 33 R1 = 66 R2 = 40 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 25 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 60 CT = 5 DBU = 11 CMK = 7 RA = 11 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 0 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 0 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

6 0 1 7 16 0 2 0 0 3 0 5 0 0 0 0

Адрес следующей микрокоманды :7 TAKT= 87

R0 = 33 R1 = 66 R2 = 20 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 25 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 40 CT = 5 DBU = 0 CMK = 10 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 0 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 0 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

7 2 0 6 11 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :2 TAKT= 88

R0 = 33 R1 = 66 R2 = 20 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 25 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 60 CT = 4 DBU = 2 CMK = 3 RA = 2 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 0 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 0 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

2 0 0 7 16 0 2 0 0 1 4 1 0 1 0 0

Адрес следующей микрокоманды :3 TAKT= 89

R0 = 33 R1 = 66 R2 = 20 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 25 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 20 CT = 4 DBU = 0 CMK = 4 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 0 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 0 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

3 11 0 2 1 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :4 TAKT= 90

R0 = 33 R1 = 66 R2 = 20 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 25 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 60 CT = 4 DBU = 11 CMK = 5 RA = 11 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 0 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 0 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

4 0 1 7 16 1 2 0 0 1 4 1 0 1 0 0

Адрес следующей микрокоманды :5 TAKT= 91

R0 = 33 R1 = 66 R2 = 20 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 25 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 20 CT = 4 DBU = 0 CMK = 6 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 0 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

5 11 0 2 1 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :6 TAKT= 92

R0 = 33 R1 = 66 R2 = 20 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 25 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 60 CT = 4 DBU = 11 CMK = 7 RA = 11 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 0 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 0 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

6 0 1 7 16 0 2 0 0 3 0 5 0 0 0 0

Адрес следующей микрокоманды :7 TAKT= 93

R0 = 33 R1 = 66 R2 = 10 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 25 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 20 CT = 4 DBU = 0 CMK = 10 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 0 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 0 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

7 2 0 6 11 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :2 TAKT= 94

R0 = 33 R1 = 66 R2 = 10 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 25 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 60 CT = 3 DBU = 2 CMK = 3 RA = 2 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 0 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 0 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

2 0 0 7 16 0 2 0 0 1 4 1 0 1 0 0

Адрес следующей микрокоманды :3 TAKT= 95

R0 = 33 R1 = 66 R2 = 10 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 25 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 10 CT = 3 DBU = 0 CMK = 4 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 0 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 0 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

3 11 0 2 1 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :4 TAKT= 96

R0 = 33 R1 = 66 R2 = 10 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 25 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 60 CT = 3 DBU = 11 CMK = 5 RA = 11 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 0 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 0 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

4 0 1 7 16 1 2 0 0 1 4 1 0 1 0 0

Адрес следующей микрокоманды :5 TAKT= 97

R0 = 33 R1 = 66 R2 = 10 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 25 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 0 CT = 3 DBU = 0 CMK = 6 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 1 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

5 11 0 2 1 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :11 TAKT= 98

R0 = 33 R1 = 66 R2 = 10 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 25 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 60 CT = 3 DBU = 11 CMK = 12 RA = 11 ST0 = 6

ST1 = 0 ST2 = 0 ST3 = 0 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

11 1 1 7 12 0 0 0 0 6 0 0 2 0 0 0

Адрес следующей микрокоманды :6 TAKT= 99

R0 = 33 R1 = 66 R2 = 10 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 26 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 1

YBC = 26 CT = 3 DBU = 1 CMK = 7 RA = 1 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

6 0 1 7 16 0 2 0 0 3 0 5 0 0 0 0

Адрес следующей микрокоманды :7 TAKT= 100

R0 = 33 R1 = 66 R2 = 4 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 26 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 10 CT = 3 DBU = 0 CMK = 10 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 0 PQ15= 0 PQ0 = 0

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

7 2 0 6 11 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :2 TAKT= 101

R0 = 33 R1 = 66 R2 = 4 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 26 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 61 CT = 2 DBU = 2 CMK = 3 RA = 2 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 0 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

2 0 0 7 16 0 2 0 0 1 4 1 0 1 0 0

Адрес следующей микрокоманды :3 TAKT= 102

R0 = 33 R1 = 66 R2 = 4 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 26 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 0 CT = 2 DBU = 0 CMK = 4 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 1 F15 = 0 TST = 0 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

3 11 0 2 1 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :11 TAKT= 103

R0 = 33 R1 = 66 R2 = 4 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 26 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 61 CT = 2 DBU = 11 CMK = 12 RA = 11 ST0 = 4

ST1 = 0 ST2 = 0 ST3 = 0 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

11 1 1 7 12 0 0 0 0 6 0 0 2 0 0 0

Адрес следующей микрокоманды :4 TAKT= 104

R0 = 33 R1 = 66 R2 = 4 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 27 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 1

YBC = 27 CT = 2 DBU = 1 CMK = 5 RA = 1 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

4 0 1 7 16 1 2 0 0 1 4 1 0 1 0 0

Адрес следующей микрокоманды :5 TAKT= 105

R0 = 33 R1 = 66 R2 = 4 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 27 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 4 CT = 2 DBU = 0 CMK = 6 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 0 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

5 11 0 2 1 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :6 TAKT= 106

R0 = 33 R1 = 66 R2 = 4 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 27 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 62 CT = 2 DBU = 11 CMK = 7 RA = 11 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 0 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 0 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

6 0 1 7 16 0 2 0 0 3 0 5 0 0 0 0

Адрес следующей микрокоманды :7 TAKT= 107

R0 = 33 R1 = 66 R2 = 2 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 27 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 4 CT = 2 DBU = 0 CMK = 10 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 0 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 0 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

7 2 0 6 11 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :2 TAKT= 108

R0 = 33 R1 = 66 R2 = 2 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 27 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 62 CT = 1 DBU = 2 CMK = 3 RA = 2 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 0 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 0 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

2 0 0 7 16 0 2 0 0 1 4 1 0 1 0 0

Адрес следующей микрокоманды :3 TAKT= 109

R0 = 33 R1 = 66 R2 = 2 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 27 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 2 CT = 1 DBU = 0 CMK = 4 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 0 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 0 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

3 11 0 2 1 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :4 TAKT= 110

R0 = 33 R1 = 66 R2 = 2 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 27 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 62 CT = 1 DBU = 11 CMK = 5 RA = 11 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 0 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 0 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

4 0 1 7 16 1 2 0 0 1 4 1 0 1 0 0

Адрес следующей микрокоманды :5 TAKT= 111

R0 = 33 R1 = 66 R2 = 2 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 27 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 2 CT = 1 DBU = 0 CMK = 6 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 0 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

5 11 0 2 1 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :6 TAKT= 112

R0 = 33 R1 = 66 R2 = 2 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 27 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 62 CT = 1 DBU = 11 CMK = 7 RA = 11 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 0 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 0 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

6 0 1 7 16 0 2 0 0 3 0 5 0 0 0 0

Адрес следующей микрокоманды :7 TAKT= 113

R0 = 33 R1 = 66 R2 = 1 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 27 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 2 CT = 1 DBU = 0 CMK = 10 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 0 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 0 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

7 2 0 6 11 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :2 TAKT= 114

R0 = 33 R1 = 66 R2 = 1 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 27 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 62 CT = 0 DBU = 2 CMK = 3 RA = 2 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 0 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 0 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

2 0 0 7 16 0 2 0 0 1 4 1 0 1 0 0

Адрес следующей микрокоманды :3 TAKT= 115

R0 = 33 R1 = 66 R2 = 1 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 27 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 1 CT = 0 DBU = 0 CMK = 4 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 0 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 0 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

3 11 0 2 1 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :4 TAKT= 116

R0 = 33 R1 = 66 R2 = 1 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 27 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 62 CT = 0 DBU = 11 CMK = 5 RA = 11 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 0 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 0 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

4 0 1 7 16 1 2 0 0 1 4 1 0 1 0 0

Адрес следующей микрокоманды :5 TAKT= 117

R0 = 33 R1 = 66 R2 = 1 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 27 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 0 CT = 0 DBU = 0 CMK = 6 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 4 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 1 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

5 11 0 2 1 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :11 TAKT= 118

R0 = 33 R1 = 66 R2 = 1 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 27 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 62 CT = 0 DBU = 11 CMK = 12 RA = 11 ST0 = 6

ST1 = 0 ST2 = 0 ST3 = 0 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

11 1 1 7 12 0 0 0 0 6 0 0 2 0 0 0

Адрес следующей микрокоманды :6 TAKT= 119

R0 = 33 R1 = 66 R2 = 1 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 30 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 1

YBC = 30 CT = 0 DBU = 1 CMK = 7 RA = 1 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

6 0 1 7 16 0 2 0 0 3 0 5 0 0 0 0

Адрес следующей микрокоманды :7 TAKT= 120

R0 = 33 R1 = 66 R2 = 0 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 30 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 1 CT = 0 DBU = 0 CMK = 10 RA = 0 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 0

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

7 2 0 6 11 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :10 TAKT= 121

R0 = 33 R1 = 66 R2 = 0 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 RQ = 30 RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 63 CT = 0 DBU = 2 CMK = 11 RA = 2 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Addr M1 M2 M3 M4 M5 M6 M7 M8 M9 M10 M11 M12 M13 M14 M15

10 10 1 7 17 0 0 0 0 0 0 1 0 0 0 0

Адрес следующей микрокоманды :10 TAKT= 122

R0 = 33 R1 = 66 R2 = 0 R3 = 0 R4 = 0 R5 = 0

R6 = 0 R7 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0

R14 = 0 R15 = 0 R16 = 0 R17 = 0 **RQ = 30** RK = 0

RDI = 0 RDO = 0 MAR = 0 BI = 0 ZI = 0 DBC = 0

YBC = 63 CT = 0 DBU = 10 CMK = 11 RA = 10 ST0 = 0

ST1 = 0 ST2 = 0 ST3 = 6 PSW = 4 FLG = 0 C0 = 0

C16 = 0 OVR = 0 Z = 0 F15 = 0 TST = 1 PR15= 0

PR0 = 1 PQ15= 0 PQ0 = 1

Окончание моделирования

**Вывод:** научились разрабатывать и отлаживать микропрограмму подсчёта количества нулей, содержащихся в кодах в регистрах R0 и R1.