

Current register/bus values :

Cycle Count : 1

PC : 0x3002

IR : 0x0000

STATE_NUMBER : 0x0021

(33) mem_cycle:1

BUS : 0x3000

MDR : 0x0000

MAR : 0x3000

CCs: N = 0 Z = 1 P = 0

Registers:

0: 0x0000

1: 0x0000

2: 0x0000

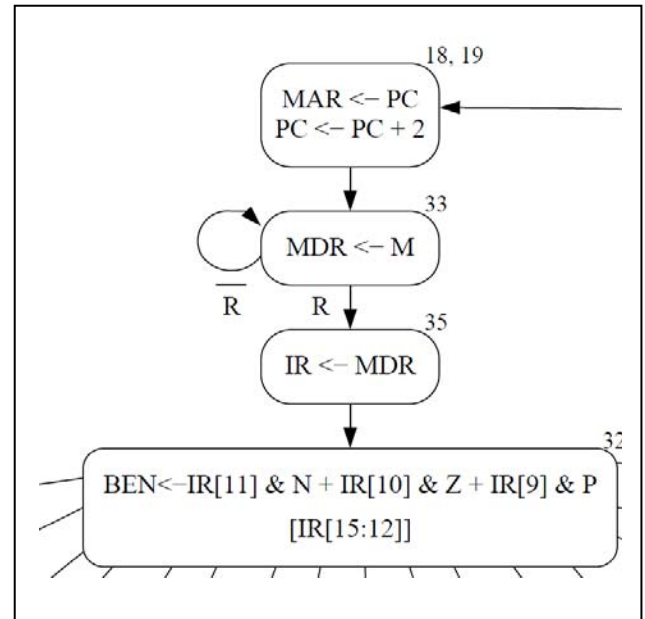
3: 0x0000

4: 0x0000

5: 0x0000

6: 0x0000

7: 0x0000



Current register/bus values :

Cycle Count : 2

PC : 0x3002

IR : 0x0000

STATE_NUMBER : 0x0021

(33) mem_cycle:2

BUS : 0x0000

MDR : 0x0000

MAR : 0x3000

CCs: N = 0 Z = 1 P = 0

Registers:

0: 0x0000

1: 0x0000

2: 0x0000

3: 0x0000

4: 0x0000

5: 0x0000

6: 0x0000

7: 0x0000

Current register/bus values :

Cycle Count : 3

PC : 0x3002

IR : 0x0000

STATE_NUMBER : 0x0021 (33) mem_cycle:3

BUS : 0x0000

MDR : 0x0000

MAR : 0x3000

CCs: N = 0 Z = 1 P = 0

Registers:

0: 0x0000

1: 0x0000

2: 0x0000

3: 0x0000

4: 0x0000

5: 0x0000

6: 0x0000

7: 0x0000

Current register/bus values :

Cycle Count : 4

PC : 0x3002

IR : 0x0000

STATE_NUMBER : 0x0021 (33) mem_cycle:4

BUS : 0x0000

MDR : 0x0000

MAR : 0x3000

CCs: N = 0 Z = 1 P = 0

Registers:

0: 0x0000

1: 0x0000

2: 0x0000

3: 0x0000

4: 0x0000

5: 0x0000

6: 0x0000

7: 0x0000

Current register/bus values :

Cycle Count : 5

PC : 0x3002

IR : 0x0000

STATE_NUMBER : 0x0021

(33) mem_cycle:5

BUS : 0x0000

MDR : 0x0000

MAR : 0x3000

CCs: N = 0 Z = 1 P = 0

Registers:

0: 0x0000

1: 0x0000

2: 0x0000

3: 0x0000

4: 0x0000

5: 0x0000

6: 0x0000

7: 0x0000

Current register/bus values :

Cycle Count : 6

PC : 0x3002

IR : 0x0000

STATE_NUMBER : 0x0023

(35)

BUS : 0x0000

MDR : 0x5020

MAR : 0x3000

CCs: N = 0 Z = 1 P = 0

Registers:

0: 0x0000

1: 0x0000

2: 0x0000

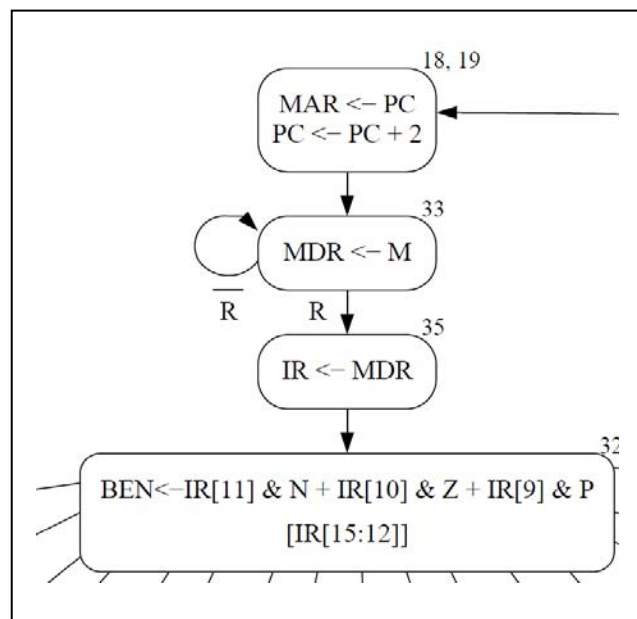
3: 0x0000

4: 0x0000

5: 0x0000

6: 0x0000

7: 0x0000



Current register/bus values :

Cycle Count : 7

PC : 0x3002

IR : 0x5020

STATE_NUMBER : 0x0020 (32)

BUS : 0x5020

MDR : 0x5020

MAR : 0x3000

CCs: N = 0 Z = 1 P = 0

Registers:

0: 0x0000

1: 0x0000

2: 0x0000

3: 0x0000

4: 0x0000

5: 0x0000

6: 0x0000

7: 0x0000

Current register/bus values :

Cycle Count : 8

PC : 0x3002

IR : 0x5020

STATE_NUMBER : 0x0005

BUS : 0x0000

MDR : 0x5020

MAR : 0x3000

CCs: N = 0 Z = 1 P = 0

Registers:

0: 0x0000

1: 0x0000

2: 0x0000

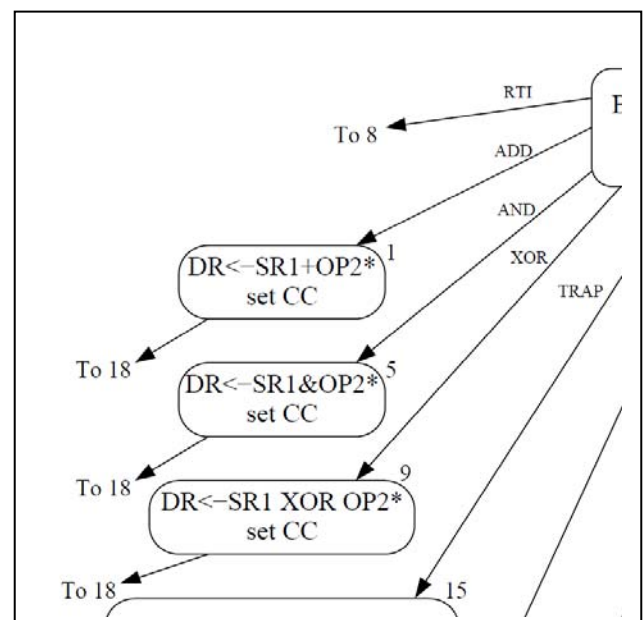
3: 0x0000

4: 0x0000

5: 0x0000

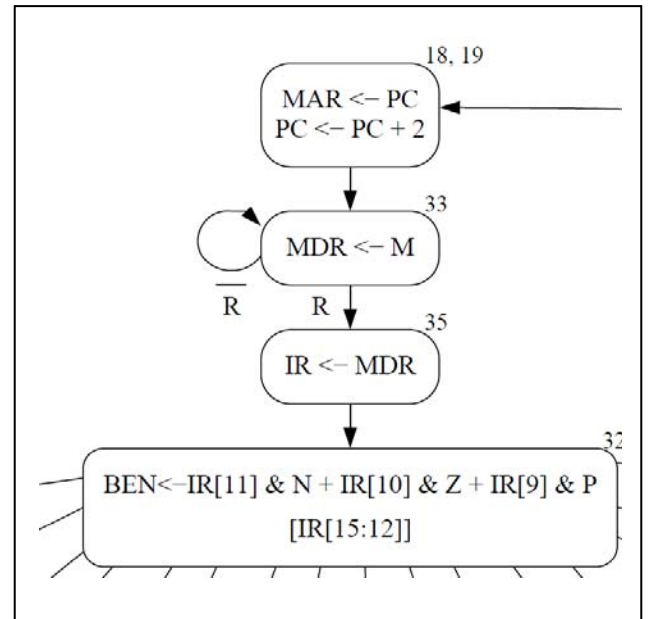
6: 0x0000

7: 0x0000



(18)

7: 0x0000



7: 0x0000

Current register/bus values :

Cycle Count : 11

PC : 0x3004

IR : 0x5020

STATE_NUMBER : 0x0021

BUS : 0x0000

MDR : 0x5020

MAR : 0x3002

CCs: N = 0 Z = 1 P = 0

Registers:

0: 0x0000

1: 0x0000

2: 0x0000

3: 0x0000

4: 0x0000

5: 0x0000

6: 0x0000

7: 0x0000

Current register/bus values :

Cycle Count : 12

PC : 0x3004

IR : 0x5020

STATE_NUMBER : 0x0021

BUS : 0x0000

MDR : 0x5020

MAR : 0x3002

CCs: N = 0 Z = 1 P = 0

Registers:

0: 0x0000

1: 0x0000

2: 0x0000

3: 0x0000

4: 0x0000

5: 0x0000

6: 0x0000

7: 0x0000

Current register/bus values :

Cycle Count : 13

PC : 0x3004

IR : 0x5020

STATE_NUMBER : 0x0021

BUS : 0x0000

MDR : 0x5020

MAR : 0x3002

CCs: N = 0 Z = 1 P = 0

Registers:

0: 0x0000

1: 0x0000

2: 0x0000

3: 0x0000

4: 0x0000

5: 0x0000

6: 0x0000

7: 0x0000

Current register/bus values :

Cycle Count : 14

PC : 0x3004

IR : 0x5020

STATE_NUMBER : 0x0021

BUS : 0x0000

MDR : 0x5020

MAR : 0x3002

CCs: N = 0 Z = 1 P = 0

Registers:

0: 0x0000

1: 0x0000

2: 0x0000

3: 0x0000

4: 0x0000

5: 0x0000

6: 0x0000

7: 0x0000

Current register/bus values :

Cycle Count : 15

PC : 0x3004

IR : 0x5020

STATE_NUMBER : 0x0023

BUS : 0x0000

MDR : 0x1e25

MAR : 0x3002

CCs: N = 0 Z = 1 P = 0

Registers:

0: 0x0000

1: 0x0000

2: 0x0000

3: 0x0000

4: 0x0000

5: 0x0000

6: 0x0000

7: 0x0000

Current register/bus values :

Cycle Count : 16

PC : 0x3004

IR : 0x1e25

STATE_NUMBER : 0x0020

BUS : 0x1e25

MDR : 0x1e25

MAR : 0x3002

CCs: N = 0 Z = 1 P = 0

Registers:

0: 0x0000

1: 0x0000

2: 0x0000

3: 0x0000

4: 0x0000

5: 0x0000

6: 0x0000

7: 0x0000

Current register/bus values :

Cycle Count : 17

PC : 0x3004

IR : 0x1e25

STATE_NUMBER : 0x0001

BUS : 0x0000

MDR : 0x1e25

MAR : 0x3002

CCs: N = 0 Z = 1 P = 0

Registers:

0: 0x0000

1: 0x0000

2: 0x0000

3: 0x0000

4: 0x0000

5: 0x0000

6: 0x0000

7: 0x0000

Current register/bus values :

Cycle Count : 18

PC : 0x3004

IR : 0x1e25

STATE_NUMBER : 0x0012

BUS : 0x0005

MDR : 0x1e25

MAR : 0x3002

CCs: N = 0 Z = 0 P = 1

Registers:

0: 0x0000

1: 0x0000

2: 0x0000

3: 0x0000

4: 0x0000

5: 0x0000

6: 0x0000

7: 0x0005

Current register/bus values :

Cycle Count : 19

PC : 0x3006

IR : 0x1e25

STATE_NUMBER : 0x0021

BUS : 0x3004

MDR : 0x1e25

MAR : 0x3004

CCs: N = 0 Z = 0 P = 1

Registers:

0: 0x0000

1: 0x0000

2: 0x0000

3: 0x0000

4: 0x0000

5: 0x0000

6: 0x0000

7: 0x0005

Current register/bus values :

Cycle Count : 20

PC : 0x3006

IR : 0x1e25

STATE_NUMBER : 0x0021

BUS : 0x0000

MDR : 0x1e25

MAR : 0x3004

CCs: N = 0 Z = 0 P = 1

Registers:

0: 0x0000

1: 0x0000

2: 0x0000

3: 0x0000

4: 0x0000

5: 0x0000

6: 0x0000

7: 0x0005

Current register/bus values :

Cycle Count : 21

PC : 0x3006

IR : 0x1e25

STATE_NUMBER : 0x0021

BUS : 0x0000

MDR : 0x1e25

MAR : 0x3004

CCs: N = 0 Z = 0 P = 1

Registers:

0: 0x0000

1: 0x0000

2: 0x0000

3: 0x0000

4: 0x0000

5: 0x0000

6: 0x0000

7: 0x0005

Current register/bus values :

Cycle Count : 22

PC : 0x3006

IR : 0x1e25

STATE_NUMBER : 0x0021

BUS : 0x0000

MDR : 0x1e25

MAR : 0x3004

CCs: N = 0 Z = 0 P = 1

Registers:

0: 0x0000

1: 0x0000

2: 0x0000

3: 0x0000

4: 0x0000

5: 0x0000

6: 0x0000

7: 0x0005

Current register/bus values :

Cycle Count : 23

PC : 0x3006

IR : 0x1e25

STATE_NUMBER : 0x0021

BUS : 0x0000

MDR : 0x1e25

MAR : 0x3004

CCs: N = 0 Z = 0 P = 1

Registers:

0: 0x0000

1: 0x0000

2: 0x0000

3: 0x0000

4: 0x0000

5: 0x0000

6: 0x0000

7: 0x0005

Current register/bus values :

Cycle Count : 24

PC : 0x3006

IR : 0x1e25

STATE_NUMBER : 0x0023

BUS : 0x0000

MDR : 0x19c7

MAR : 0x3004

CCs: N = 0 Z = 0 P = 1

Registers:

0: 0x0000

1: 0x0000

2: 0x0000

3: 0x0000

4: 0x0000

5: 0x0000

6: 0x0000

7: 0x0005

Current register/bus values :

Cycle Count : 25

PC : 0x3006

IR : 0x19c7

STATE_NUMBER : 0x0020

BUS : 0x19c7

MDR : 0x19c7

MAR : 0x3004

CCs: N = 0 Z = 0 P = 1

Registers:

0: 0x0000

1: 0x0000

2: 0x0000

3: 0x0000

4: 0x0000

5: 0x0000

6: 0x0000

7: 0x0005

Current register/bus values :

Cycle Count : 26

PC : 0x3006

IR : 0x19c7

STATE_NUMBER : 0x0001

BUS : 0x0000

MDR : 0x19c7

MAR : 0x3004

CCs: N = 0 Z = 0 P = 1

Registers:

0: 0x0000

1: 0x0000

2: 0x0000

3: 0x0000

4: 0x0000

5: 0x0000

6: 0x0000

7: 0x0005

Current register/bus values :

Cycle Count : 27

PC : 0x3006

IR : 0x19c7

STATE_NUMBER : 0x0012

BUS : 0x000a

MDR : 0x19c7

MAR : 0x3004

CCs: N = 0 Z = 0 P = 1

Registers:

0: 0x0000

1: 0x0000

2: 0x0000

3: 0x0000

4: 0x000a

5: 0x0000

6: 0x0000

7: 0x0005

Current register/bus values :

Cycle Count : 28

PC : 0x3008

IR : 0x19c7

STATE_NUMBER : 0x0021

BUS : 0x3006

MDR : 0x19c7

MAR : 0x3006

CCs: N = 0 Z = 0 P = 1

Registers:

0: 0x0000

1: 0x0000

2: 0x0000

3: 0x0000

4: 0x000a

5: 0x0000

6: 0x0000

7: 0x0005

Current register/bus values :

Cycle Count : 29

PC : 0x3008

IR : 0x19c7

STATE_NUMBER : 0x0021

BUS : 0x0000

MDR : 0x19c7

MAR : 0x3006

CCs: N = 0 Z = 0 P = 1

Registers:

0: 0x0000

1: 0x0000

2: 0x0000

3: 0x0000

4: 0x000a

5: 0x0000

6: 0x0000

7: 0x0005

Current register/bus values :

Cycle Count : 30

PC : 0x3008

IR : 0x19c7

STATE_NUMBER : 0x0021

BUS : 0x0000

MDR : 0x19c7

MAR : 0x3006

CCs: N = 0 Z = 0 P = 1

Registers:

0: 0x0000

1: 0x0000

2: 0x0000

3: 0x0000

4: 0x000a

5: 0x0000

6: 0x0000

7: 0x0005

Current register/bus values :

Cycle Count : 31

PC : 0x3008

IR : 0x19c7

STATE_NUMBER : 0x0021

BUS : 0x0000

MDR : 0x19c7

MAR : 0x3006

CCs: N = 0 Z = 0 P = 1

Registers:

0: 0x0000

1: 0x0000

2: 0x0000

3: 0x0000

4: 0x000a

5: 0x0000

6: 0x0000

7: 0x0005

Current register/bus values :

Cycle Count : 32

PC : 0x3008

IR : 0x19c7

STATE_NUMBER : 0x0021

BUS : 0x0000

MDR : 0x19c7

MAR : 0x3006

CCs: N = 0 Z = 0 P = 1

Registers:

0: 0x0000

1: 0x0000

2: 0x0000

3: 0x0000

4: 0x000a

5: 0x0000

6: 0x0000

7: 0x0005

Current register/bus values :

Cycle Count : 33

PC : 0x3008

IR : 0x19c7

STATE_NUMBER : 0x0023

BUS : 0x0000

MDR : 0xf025

MAR : 0x3006

CCs: N = 0 Z = 0 P = 1

Registers:

0: 0x0000

1: 0x0000

2: 0x0000

3: 0x0000

4: 0x000a

5: 0x0000

6: 0x0000

7: 0x0005

Current register/bus values :

Cycle Count : 34

PC : 0x3008

IR : 0xf025

STATE_NUMBER : 0x0020

BUS : 0xf025

MDR : 0xf025

MAR : 0x3006

CCs: N = 0 Z = 0 P = 1

Registers:

0: 0x0000

1: 0x0000

2: 0x0000

3: 0x0000

4: 0x000a

5: 0x0000

6: 0x0000

7: 0x0005

Current register/bus values :

Cycle Count : 35

PC : 0x3008

IR : 0xf025

STATE_NUMBER : 0x000f

BUS : 0x0000

MDR : 0xf025

MAR : 0x3006

CCs: N = 0 Z = 0 P = 1

Registers:

0: 0x0000

1: 0x0000

2: 0x0000

3: 0x0000

4: 0x000a

5: 0x0000

6: 0x0000

7: 0x0005

Current register/bus values :

Cycle Count : 36

PC : 0x3008

IR : 0xf025

STATE_NUMBER : 0x001c (28)

BUS : 0x004a (0x0025 << 1)

MDR : 0xf025

MAR : 0x004a

CCs: N = 0 Z = 0 P = 1

Registers:

0: 0x0000

1: 0x0000

2: 0x0000

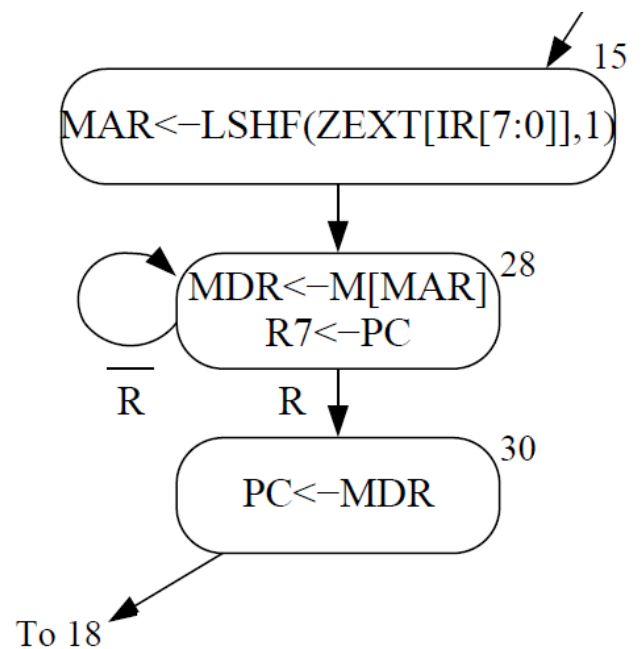
3: 0x0000

4: 0x000a

5: 0x0000

6: 0x0000

7: 0x0005



Current register/bus values :

Cycle Count : 37

PC : 0x3008

IR : 0xf025

STATE_NUMBER : 0x001c

BUS : 0x3008

MDR : 0xf025

MAR : 0x004a

CCs: N = 0 Z = 0 P = 1

Registers:

0: 0x0000

1: 0x0000

2: 0x0000

3: 0x0000

4: 0x000a

5: 0x0000

6: 0x0000

7: 0x3008

Current register/bus values :

Cycle Count : 38

PC : 0x3008

IR : 0xf025

STATE_NUMBER : 0x001c

BUS : 0x3008

MDR : 0xf025

MAR : 0x004a

CCs: N = 0 Z = 0 P = 1

Registers:

0: 0x0000

1: 0x0000

2: 0x0000

3: 0x0000

4: 0x000a

5: 0x0000

6: 0x0000

7: 0x3008

Current register/bus values :

Cycle Count : 39

PC : 0x3008

IR : 0xf025

STATE_NUMBER : 0x001c

BUS : 0x3008

MDR : 0xf025

MAR : 0x004a

CCs: N = 0 Z = 0 P = 1

Registers:

0: 0x0000

1: 0x0000

2: 0x0000

3: 0x0000

4: 0x000a

5: 0x0000

6: 0x0000

7: 0x3008

Current register/bus values :

Cycle Count : 40

PC : 0x3008

IR : 0xf025

STATE_NUMBER : 0x001c

BUS : 0x3008

MDR : 0xf025

MAR : 0x004a

CCs: N = 0 Z = 0 P = 1

Registers:

0: 0x0000

1: 0x0000

2: 0x0000

3: 0x0000

4: 0x000a

5: 0x0000

6: 0x0000

7: 0x3008

Current register/bus values :

Cycle Count : 41
PC : 0x3008
IR : 0xf025
STATE_NUMBER : 0x001e (30)

BUS : 0x3008
MDR : 0x0000
MAR : 0x004a
CCs: N = 0 Z = 0 P = 1

Registers:

0: 0x0000
1: 0x0000
2: 0x0000
3: 0x0000
4: 0x000a
5: 0x0000
6: 0x0000
7: 0x3008

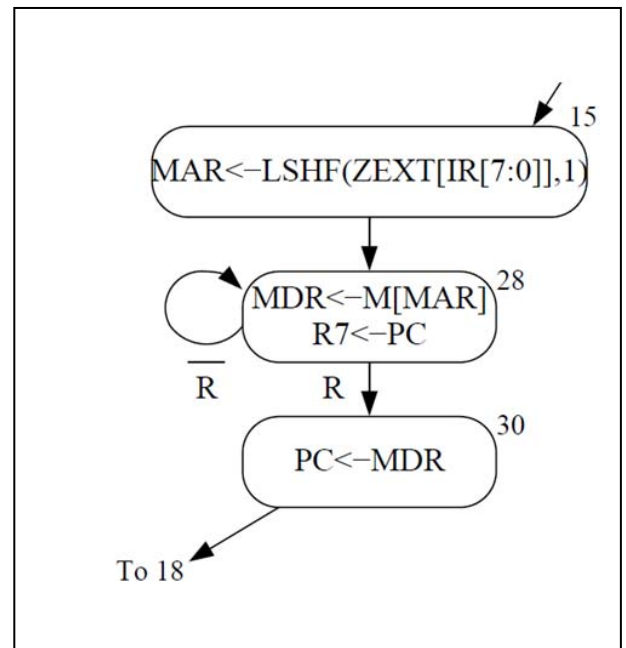
Current register/bus values :

Cycle Count : 42
PC : 0x0000
IR : 0xf025
STATE_NUMBER : 0x0012 (18)

BUS : 0x0000
MDR : 0x0000
MAR : 0x004a
CCs: N = 0 Z = 0 P = 1

Registers:

0: 0x0000
1: 0x0000
2: 0x0000
3: 0x0000
4: 0x000a
5: 0x0000
6: 0x0000
7: 0x3008



(Done)