

Вид Адреса-ция (Reg, IX, Sym, Abs, Ind, Ind+, Imm)															
Съдържание на регистрите															
Брой цикли Брой думи															
RAM															
Инструкция в шестнадесетичен															
№	Инструкция *	Вид *	PC	SP	SR	R4	R5	SRC	DST			0x1C00	0x1C01	0x1C04	0x1C05
1	MOV.W #0x5555, R4	4034 5555	0x0442c	0x02400	0x0000	0x00000	0x00000	Imm	Reg	2	2	0x00	0x00	0x00	0x00
2	MOV.W R4, R5	4405	0x04430	0x02400	0x0000	0x05555	0x00000	Reg	Reg	1	1	0x00	0x00	0x00	0x00
3	MOV.W #0x1BFF, R4	4034 1BFF	0x04432	0x02400	0x0000	0x05555	0x05555	Imm	Reg	2	2	0x00	0x00	0x00	0x00
4	MOV.W #0x1C00, R5	4035 1c00	0x04436	0x02400	0x0000	0x01bff	0x05555	Imm	Reg	2	2	0x00	0x00	0x00	0x00
5	MOV.W #0x3412, &0x1C00	40b2 3412 1c00	0x0443a	0x02400	0x0000	0x01bff	0x01c00	Imm	Abs	4	3	0x00	0x00	0x00	0x00
6	MOV.W #0x7856, &0x1C04	40b2 7856 1c04	0x04440	0x02400	0x0000	0x01bff	0x01c00	Imm	Abs	4	3	0x12	0x34	0x00	0x00
7	MOV.W 1(R4), 4(R5)	4495 0001 0004	0x04446	0x02400	0x0000	0x01bff	0x01c00	IX	IX	5	3	0x12	0x34	0x56	0x78
8	MOV #0x05, R4	4034 0005	0x0444c	0x02400	0x0000	0x01bff	0x01c00	Imm	Reg	2	2	0x12	0x34	0x12	0x34
9	DEC R4 (=SUB #1,R4)	8314	0x04450	0x02400	0x0000	0x00005	0x01c00	Imm	Reg	2	2	0x12	0x34	0x12	0x34
10	JNZ L1	23fe	0x04452	0x02400	0x0001	0x00004	0x01c00	няма	няма	2	1	0x12	0x34	0x12	0x34
11	DEC R4	8314	0x04450	0x02400	0x0001	0x00004	0x01c00	Imm	Reg	2	2	0x12	0x34	0x12	0x34
12	JNZ L1	23fe	0x04452	0x02400	0x0001	0x00003	0x01c00	няма	няма	2	1	0x12	0x34	0x12	0x34
13	DEC R4	8314	0x04450	0x02400	0x0001	0x00003	0x01c00	Imm	Reg	2	2	0x12	0x34	0x12	0x34
14	JNZ L1	23fe	0x04452	0x02400	0x0001	0x00002	0x01c00	няма	няма	2	1	0x12	0x34	0x12	0x34
15	DEC R4	8314	0x04450	0x02400	0x0001	0x00002	0x01c00	Imm	Reg	2	2	0x12	0x34	0x12	0x34
16	JNZ L1	23fe	0x04452	0x02400	0x0001	0x00001	0x01c00	няма	няма	2	1	0x12	0x34	0x12	0x34
17	DEC R4	8314	0x04450	0x02400	0x0001	0x00001	0x01c00	Imm	Reg	2	2	0x12	0x34	0x12	0x34
18	JNZ L1	23fe	0x04452	0x02400	0x0003	0x00000	0x01c00	няма	няма	2	1	0x12	0x34	0x12	0x34
19	NOP (=MOV R3, R3)	4304	0x04454	0x02400	0x0003	0x00000	0x01c00	Imm	Reg	1	1	0x12	0x34	0x12	0x34
20	JMP L2	3c05	0x04456	0x02400	0x0003	0x00000	0x01c00	няма	няма	2	1	0x12	0x34	0x12	0x34
21	JMP L3	3c03	0x04462	0x02400	0x0003	0x00000	0x01c00	няма	няма	2	1	0x12	0x34	0x12	0x34
22	MOV.W #0xcdab, &0x1C00	40b2 cdab 1c00	0x0446a	0x02400	0x0003	0x00000	0x01c00	Imm	Abs	4	3	0x12	0x34	0x12	0x34
23	MOV.W &0x1C00, &0x1C04	4292 1c00 1c04	0x04470	0x02400	0x0003	0x00000	0x01c00	Abs	Abs	5	3	0xab	0xcd	0x12	0x34
24	CLR.W &0x1C04 (=MOV.W #0, &0x1c04)	4382 1c04	0x04476	0x02400	0x0003	0x00000	0x01c00	Imm	Abs	4	3	0xab	0xcd	0xab	0xcd
25	MOV.W #0x1C00, R4	4034 1c00	0x0447a	0x02400	0x0003	0x00000	0x01c00	Imm	Reg	2	2	0xab	0xcd	0x00	0x00
26	MOV.W @R4, &0x1C04	44a2 1c04	0x0447e	0x02400	0x0003	0x01c00	0x01c00	Ind	Abs	4	2	0xab	0xcd	0x00	0x00
27	MOV.W R4, &0x1C04	4482 1c04	0x04482	0x02400	0x0003	0x01c00	0x01c00	Reg	Abs	3	2	0xab	0xcd	0xab	0xcd
28	MOV.W @R4+, R5	4435	0x04486	0x02400	0x0003	0x01c00	0x01c00	Ind+	Reg	2	1	0xab	0xcd	0x00	0x1c
29	MOV.W @R4+, R5	4435	0x04488	0x02400	0x0003	0x01c02	0x0cdab	Ind+	Reg	2	1	0xab	0xcd	0x00	0x1c
30	MOV.W @R4+, R5	4435	0x0448a	0x02400	0x0003	0x01c04	0x00000	Ind+	Reg	2	1	0xab	0xcd	0x00	0x1c
31	MOV.W @R4+, R5	4435	0x0448c	0x02400	0x0003	0x01c06	0x01c00	Ind+	Reg	2	1	0xab	0xcd	0x00	0x1c
32	MOV.W #0x1C00, R4	4034 1c00	0x0448e	0x02400	0x0003	0x01c08	0x00000	Imm	Reg	2	2	0xab	0xcd	0x00	0x1c
33	MOV.B @R4+, R5	4475	0x04492	0x02400	0x0003	0x01c00	0x00000	Ind+	Reg	2	1	0xab	0xcd	0x00	0x1c
34	MOV.B @R4+, R5	4475	0x04494	0x02400	0x0003	0x01c01	0x0000ab	Ind+	Reg	2	1	0xab	0xcd	0x00	0x1c
35	MOV.B @R4+, R5	4475	0x04496	0x02400	0x0003	0x01c02	0x000cd	Ind+	Reg	2	1	0xab	0xcd	0x00	0x1c
36	MOV.B @R4+, R5	4475	0x04498	0x02400	0x0003	0x01c03	0x00000	Ind+	Reg	2	1	0xab	0xcd	0x00	0x1c
37	MOV.W #0x1234, R4	4034 1234	0x0449a	0x02400	0x0003	0x01c04	0x00000	Imm	Reg	2	2	0xab	0xcd	0x00	0x1c
38	MOV.W #0xabcd, R5	4035 abcd	0x0449e	0x02400	0x0003	0x01234	0x00000	Imm	Reg	2	2	0xab	0xcd	0x00	0x1c
39	PUSH.W R4	1204	0x044a2	0x02400	0x0003	0x01234	0x0abcd	няма	Reg	3	1	0xab	0xcd	0x00	0x1c
40	PUSH.W R5	1205	0x044a4	0x023fe	0x0003	0x01234	0x0abcd	няма	Reg	3	1	0xab	0xcd	0x00	0x1c
41	MOV.W #0x5555, R4	4034 5555	0x044a6	0x023fc	0x0003	0x01234	0x0abcd	Imm	Reg	2	2	0xab	0xcd	0x00	0x1c
42	MOV.W #0x3333, R5	4034 3333	0x044aa	0x023fc	0x0003	0x05555	0x0abcd	Imm	Reg	2	2	0xab	0xcd	0x00	0x1c
43	POP.W R5 (=MOV.W @SP+,R5)	4135	0x044ae	0x023fc	0x0003	0x05555	0x03333	Ind+	Reg	2	1	0xab	0xcd	0x00	0x1c
44	POP.W R4 (=MOV.W @SP+,R4)	4134	0x044b0	0x023fe	0x0003	0x05555	0x0abcd	Ind+	Reg	2	1	0xab	0xcd	0x00	0x1c
45	JMP \$	3fff	0x044b2	0x02400	0x0003	0x01234	0x0abcd	няма	няма	2	1	0xab	0xcd	0x00	0x1c

Максимален
брой цикли
Общо:

107

Абсолютен адрес

L1: 4450 *Всички числа са в шестнадесетичен вид

L2: 4462

L3: 446a

\$: 44b2