

1	2	3	4					5		6	7	8	
№	Инструкция	Инструкция в шестнадесетичен вид	Съдържание на регистрите					Вид Адресация (Reg, IX, Sym, Abs, Ind, Ind+, Imm)		Брой цикли	Брой думи	RAM	
								SRC	DST			0x1C00	0x1C04
1	MOV.W #0x5555, R4	4034 5555	0x0442C	0x02400	0000	0x00000	0x00000	Imm	Reg	2	2	0x00	0x00
2	MOV.W R4, R5	4405	0x04430	0x02400	0000	0x05555	0x00000	Reg	Reg	1	1	0x00	0x00
3	MOV.W #0x1BFF, R4	4034 1BFF	0x04432	0x02400	0	0x05555	0x5555	Imm	Reg	2	2	0x00	0x00
4	MOV.W #0x1C00, R5	4035 1C00	0x04436	0x02400	0	0x01BFF	0x5555	Imm	Reg	2	2	0x00	0x00
5	MOV.W #0x3412, &0x1C00	40B2 3412 1C00	0x0443A	0x02400	0	0x01BFF	0x01C00	Imm	Abs	4	3	0x00	0x00
6	MOV.W #0x7856, &0x1C04	40B2 7856 1C04	0x04440	0x02400	0	0x01BFF	0x01C00	Imm	Abs	4	3	0x1234	0x00
7	MOV.W 1(R4), 4(R5)	4495 0001 0004	0x04446	0x02400	0	0x01BFF	0x01C00	IX	IX	5	3	0x1234	0x5678
8	MOV #0x05, R4	4034 0005	0x0444C	0x02400	0	0x01BFF	0x01C00	Imm	Reg	2	2	0x1234	0x1234
9	DEC R4	8314	0x04450	0x02400	0	0x00005	0x01C00	Reg	-	1	1	0x1234	0x1234
10	JNZ L1	23FE	0x04452	0x02400	0x0001	0x00004	0x01C00	Sym	-	2	1	0x1234	0x1234
11	DEC R4	8314	0x04450	0x02400	0x0001	0x00004	0x01C00	Reg	-	1	1	0x1234	0x1234
12	JNZ L1	23FE	0x04452	0x02400	0x0001	0x00003	0x01C00	Sym	-	2	1	0x1234	0x1234
13	DEC R4	8314	0x04450	0x02400	0x0001	0x00003	0x01C00	Reg	-	1	1	0x1234	0x1234
14	JNZ L1	23FE	0x04452	0x02400	0x0001	0x00002	0x01C00	Sym	-	2	1	0x1234	0x1234
15	DEC R4	8314	0x04450	0x02400	0x0001	0x00002	0x01C00	Reg	-	1	1	0x1234	0x1234
16	JNZ L1	23FE	0x04452	0x02400	0x0001	0x00001	0x01C00	Sym	-	2	1	0x1234	0x1234
17	DEC R4	8314	0x04450	0x02400	0x0001	0x00001	0x01C00	Reg	-	1	1	0x1234	0x1234
18	JNZ L1	23FE	0x04452	0x02400	0x0003	0x00000	0x01C00	Sym	-	2	1	0x1234	0x1234
19	NOP	4303	0x04454	0x02400	0x0003	0x00000	0x01C00	-	-	1	1	0x1234	0x1234
20	JMP L2	3C05	0x04456	0x02400	0x0003	0x00000	0x01C00	Sym	-	2	1	0x1234	0x1234
21	JMP L3	3C03	0x04462	0x02400	0x0003	0x00000	0x01C00	Sym	-	2	1	0x1234	0x1234
22	MOV.W #0xCDAB, &0x1C00	40B2 CDAB 1C00	0x0446A	0x02400	0x0003	0x00000	0x01C00	Imm	Abs	4	3	0x1234	0x1234
23	MOV.W &0x1C00, &0x1C04	4292 1C00 1C04	0x04470	0x02400	0x0003	0x00000	0x01C00	Abs	Abs	5	3	0xABCD	0x1234
24	CLR.W &0x1C04	4382 1C04	0x04476	0x02400	0x0003	0x00000	0x01C00	Abs	-	4	2	0xABCD	0xABCD
25	MOV.W #0x1C00, R4	4034 1C00	0x0447A	0x02400	0x0003	0x00000	0x01C00	Imm	Reg	2	2	0xABCD	0x0000
26	MOV.W @R4, &0x1C04	44A2 1C04	0x0447E	0x02400	0x0003	0x01C00	0x01C00	Ind	Abs	4	2	0xABCD	0x0000
27	MOV.W R4, &0x1C04	4482 1C04	0x04482	0x02400	0x0003	0x01C00	0x01C00	Reg	Abs	3	2	0xABCD	0xABCD
28	MOV.W @R4+, R5	4435	0x04486	0x02400	0x0003	0x01C00	0x01C00	Ind+	Reg	2	1	0xABCD	0x001C
29	MOV.W @R4+, R5	4435	0x04488	0x02400	0x0003	0x01C02	0x0CDAB	Ind+	Reg	2	1	0xABCD	0x001C

30	MOV.W @R4+, R5	4435	0x0448A	0x02400	0x0003	0x01C04	0x00000	Ind+	Reg	2	1	0xABCD	0x001C
31	MOV.W @R4+, R5	4435	0x0448C	0x02400	0x0003	0x01C06	0x01C00	Ind+	Reg	2	1	0xABCD	0x001C
32	MOV.W #0x1C00, R4	4034 1C00	0x0448E	0x02400	0x0003	0x01C08	0x00000	Imm	Reg	2	2	0xABCD	0x001C
33	MOV.B @R4+, R5	4475	0x04492	0x02400	0x0003	0x01C00	0x00000	Ind+	Reg	2	1	0xABCD	0x001C
34	MOV.B @R4+, R5	4475	0x04494	0x02400	0x0003	0x01C01	0x000AB	Ind+	Reg	2	1	0xABCD	0x001C
35	MOV.B @R4+, R5	4475	0x04496	0x02400	0x0003	0x01C02	0x000CD	Ind+	Reg	2	1	0xABCD	0x001C
36	MOV.B @R4+, R5	4475	0x04498	0x02400	0x0003	0x01C03	0x00000	Ind+	Reg	2	1	0xABCD	0x001C
37	MOV.W #0x1234, R4	4034 1234	0x0449A	0x02400	0x0003	0x01C04	0x00000	Imm	Reg	2	2	0xABCD	0x001C
38	MOV.W #0xabcd, R5	4035 ABCD	0x0449E	0x02400	0x0003	0x01234	0x00000	Imm	Reg	2	2	0xABCD	0x001C
39	PUSH.W R4	1204	0x044A2	0x02400	0x0003	0x01234	0x0ABCD	-	Reg	3	1	0xABCD	0x001C
40	PUSH.W R5	1205	0x044A4	0x023FE	0x0003	0x01234	0x0ABCD	-	Reg	3	1	0xABCD	0x001C
41	MOV.W #0x5555, R4	4034 5555	0x044A6	0x023FC	0x0003	0x01234	0x0ABCD	Imm	Reg	2	2	0xABCD	0x001C
42	MOV.W #0x3333, R5	4035 3333	0x044AA	0x023FC	0x0003	0x05555	0x0ABCD	Imm	Reg	2	2	0xABCD	0x001C
43	POP.W R5	4135	0x044AE	0x023FC	0x0003	0x05555	0x03333	Reg	-	1	1	0xABCD	0x001C
44	POP.W R4	4134	0x044B0	0x023FE	0x0003	0x05555	0x0ABCD	Reg	-	1	1	0xABCD	0x001C
45	JMP \$	3FFF	0x044B2	0x02400	0x0003	0x01234	0x0ABCD	Sym	-	2	1	0xABCD	0x001C
					Абсолютен адрес			Брой цикли общо: 100					
					L1	L2	L3						
					0x4450	0x4462	0x446A						