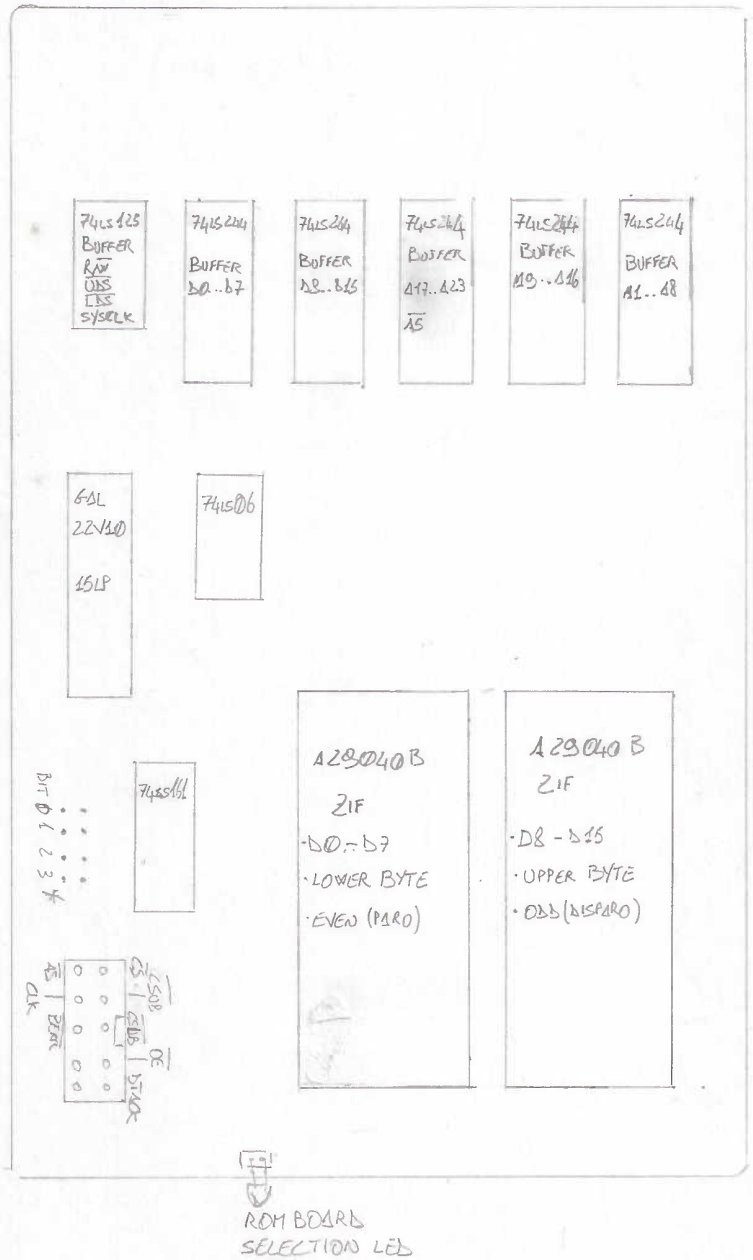
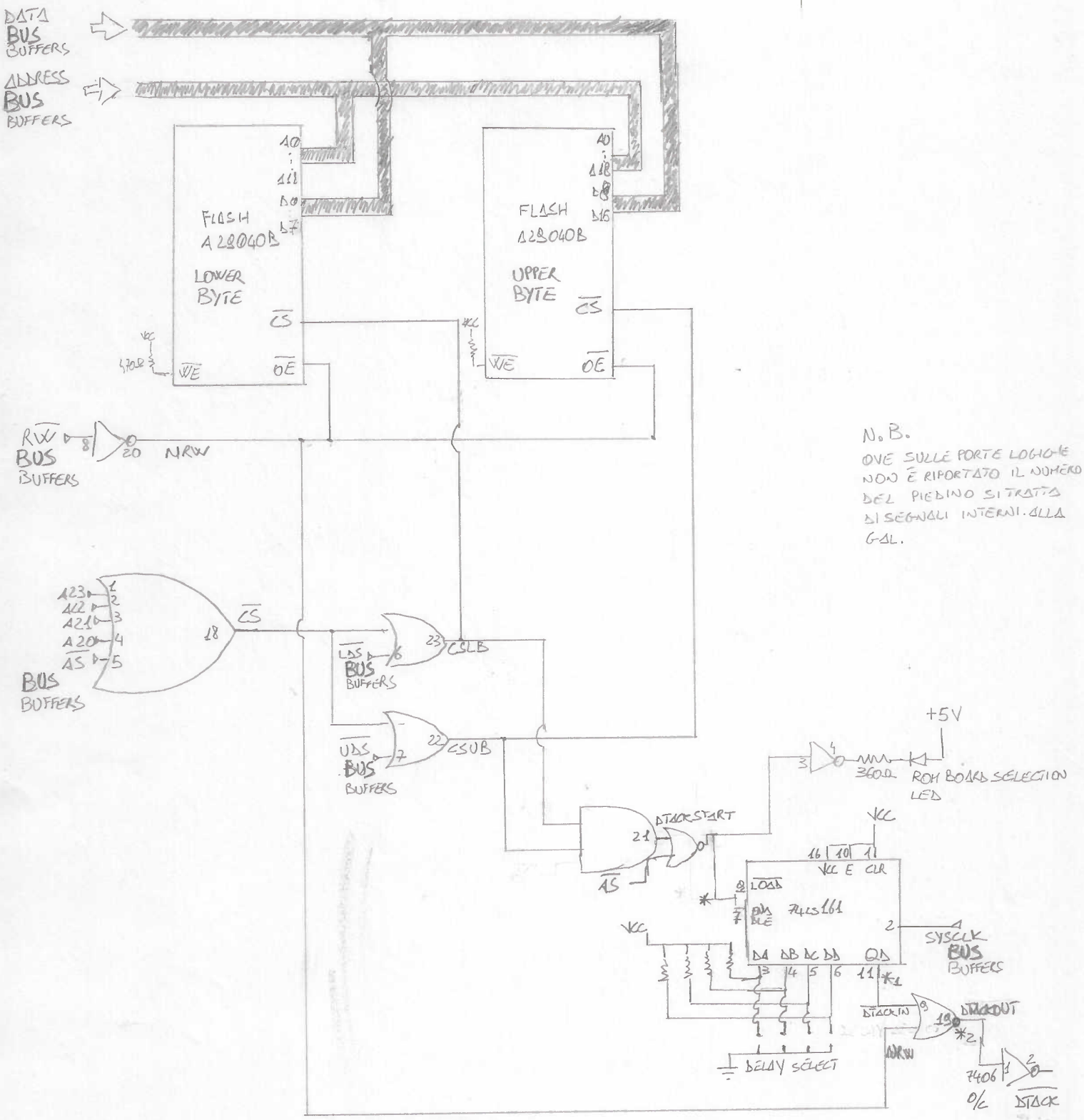
ROM BOARD DISPOSIZIONE COMPONENTI



*TUTTO APERTO MINIMO RITARDO

ROM BOARD



N.B.
OVE SULLE PORTE LOGICHE NON È RIPORTATO IL NUMERO DEL PIEDINO SI TRATTA DI SEGNALI INTERNI. ALLA G.AL.

* IL CONTEGGIO DEL 161 PER INSERIRE I CICLI DI RITARDO PARTE CON DTACKSTART ALTO.

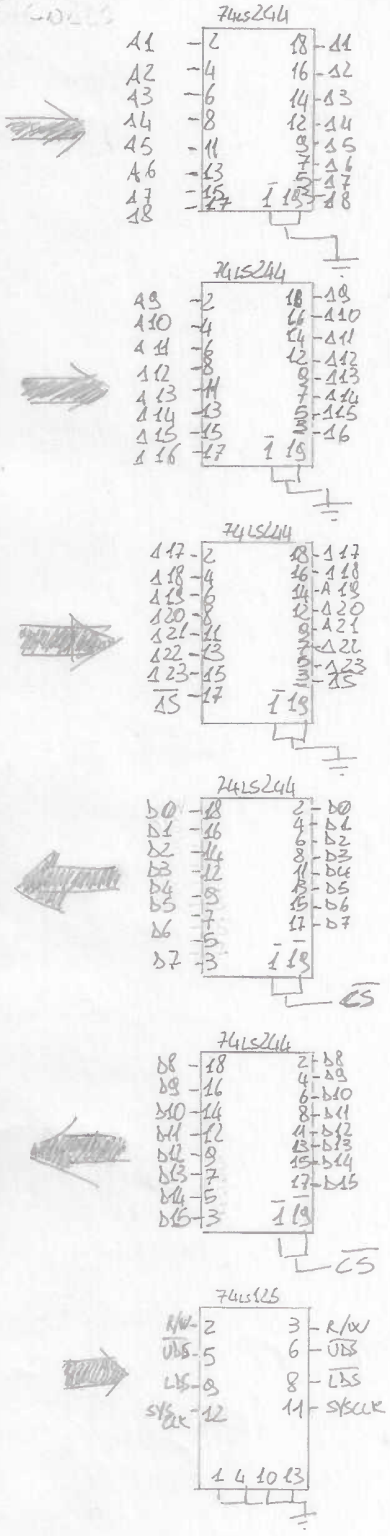
*1 QD VA BASSO QUANDO GLI N CICLI DI RITARDO SI SONO COMPIUTI. (DTACKIN)

*2 DTACKOUT VA ALTO SE RW̄ È ALTO (NRW BASSO) E SE DTACKIN È BASSO. IL CONTROLLO SU RW̄ (NRW) VIENE ESEGUITO PER NON ASSERIRE DTACK AL PROCESSORE QUANDO SI TENTA DI SCRIVERE IN ROM.

ROM BOARD BUFFERING

SIGNALS FROM - TO BUS

SIGNALS TO - FROM ROM BOARD



PIN	ROW A	ROW B	ROW C
1	D00	BBSY*	D08
2	D01	BCLR*	D09
3	D02	ACFAIL*	D10
4	D03	BG0IN*	D11
5	D04	BG0OUT*	D12
6	D05	BG1IN*	D13
7	D06	BG1OUT*	D14
8	D07	BG2IN*	D15
9	GND	BG2OUT*	GND
10	SYSCLK	BG3IN*	SYSFAIL*
11	GND	BG3OUT*	BERR*
12	DS1*	BR0*	SYSRESET*
13	DS0*	BR1*	LWORD*
14	WRITE*	BR2*	AM5
15	GND	BR3*	A23
16	DTACK*	AM0	A22
17	GND	AM1	A21
18	AS*	AM2	A20
19	GND	AM3	A19
20	IACK*	GND	A18
21	IACKIN	SERCLK	A17
22	IACKOUT*	SERDAT	A16
23	AM4	GND	A15
24	A07	IRQ7*	A14
25	A06	IRQ6*	A13
26	A05	IRQ5*	A12
27	A04	IRQ4*	A11
28	A03	IRQ3*	A10
29	A02	IRQ2*	A09
30	A01	IRQ1*	A08
31	-12V	+5VSTDBY	+12V
32	+5V	+5V	+5V

ANALISI ROM BOARD CIRCUITO STACK

Listing<1>

File Window Edit Options Markers Invasm Help

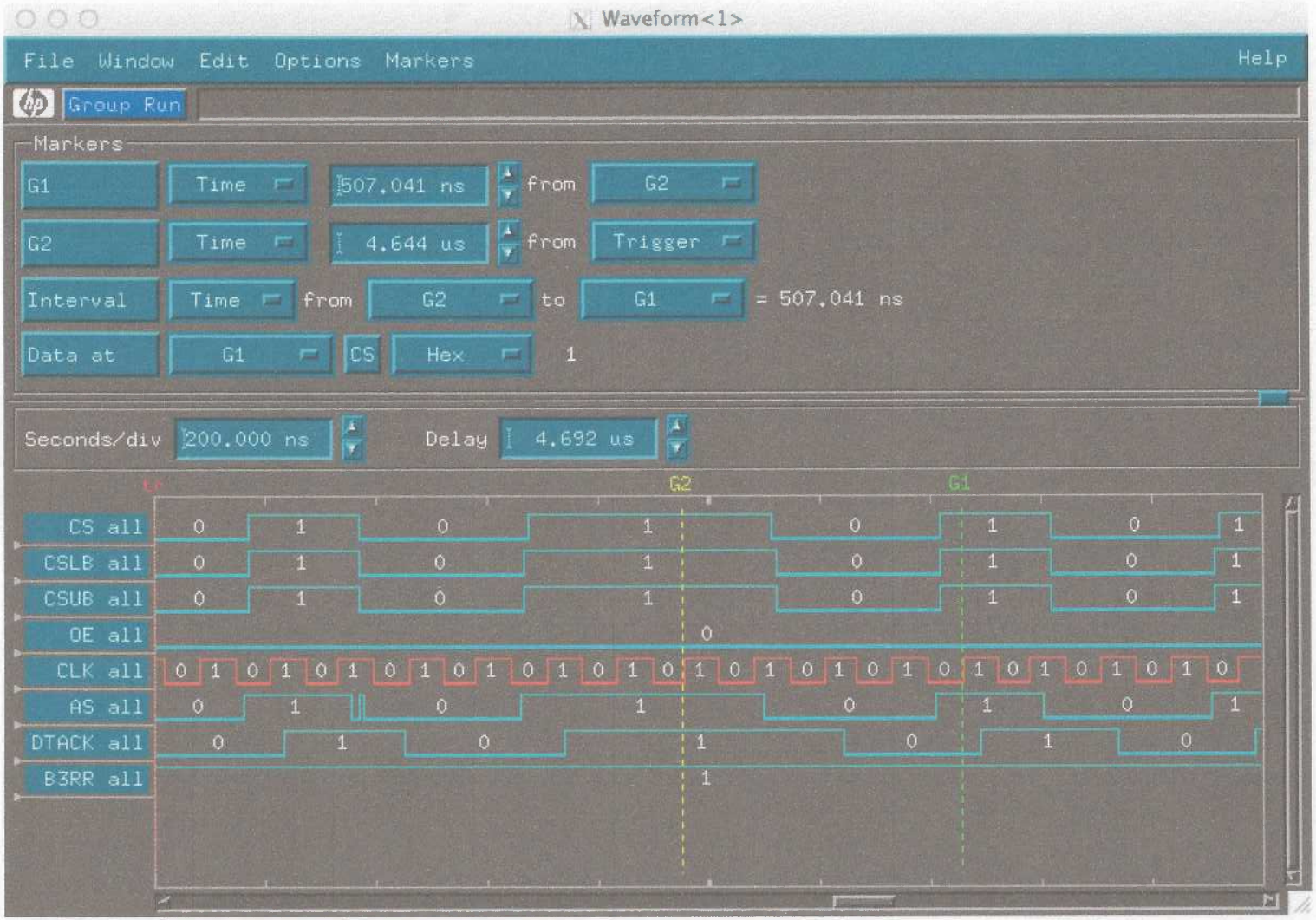
Group Run

Markers

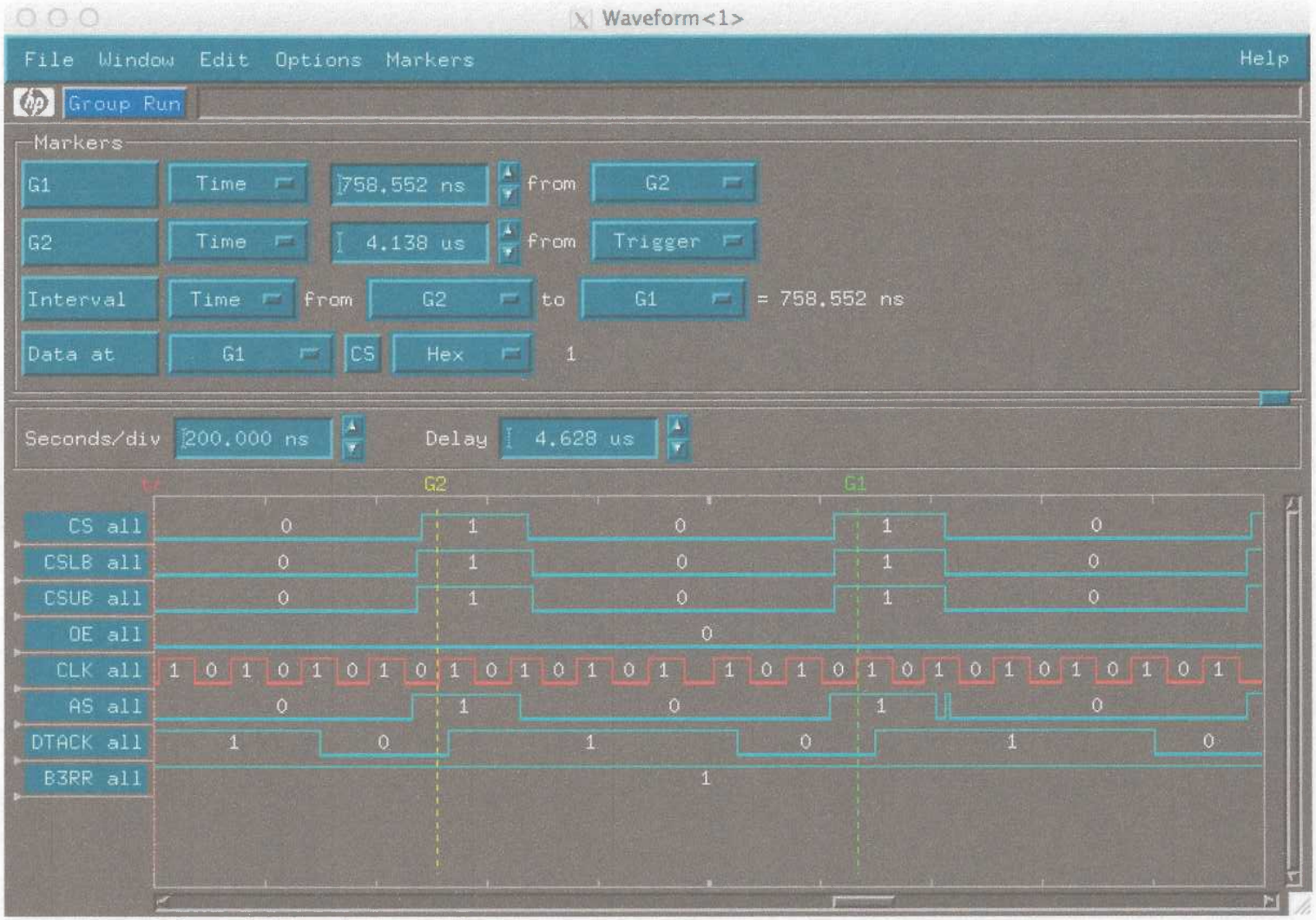
G1 Time 5.215 us from Trigger

	State Number	ADDR	68010 Mnemonic	DATA	STAT
	Decimal	Hex	hex	Hex	Binary
	-10	11FEF6	1BFE unknown (000) write (6800)	1BFE	10000000
	-9	004086	1BFE unknown (000) write (6800)	1BFE	10000000
	-8	1044B6	1BFE unknown (000) write (6800)	1BFE	10000000
	-7	114200	1BFE unknown (000) write (6800)	1BFE	10000000
	-6	0076B6	1BFF unknown (000) write (6800)	1BFF	10000000
	-5	00FEA6	1BFF unknown (000) write (6800)	1BFF	10000000
	-4	000000	ORI.B #00,D0	0000	11101001
	-3	000002	0000 supr program read	0000	11101001
	-2	000004	ORI.B #00,D0	0000	11101001
	-1	000006	0400 supr program read	0400	11101001
T	0	000400	MOVEA.L #000000AC,A0	207C	11101001
	1	000402	0000 supr program read	0000	11101001
	2	000404	00AC supr program read	00AC	11101001
	3	000406	MOVE.L #00000005,D0	203C	11101001
	4	000408	0000 supr program read	0000	11101001
	5	00040A	0005 supr program read	0005	11101001
	6	00040C	NOP	4E71	11101001
	7	00040E	DBEQ D0,00040C	57C8	11101001
G2	8	000410	FFFC supr program read	FFFC	11101001
G1	9	00040C	NOP	4E71	11101001
	10	00040E	DBEQ D0,00040C	57C8	11101001
	11	000410	FFFC supr program read	FFFC	11101001
	12	00040C	NOP	4E71	11101001
	13	00040E	DBEQ D0,00040C	57C8	11101001
	14	000410	FFFC supr program read	FFFC	11101001
	15	00040C	NOP	4E71	11101001
	16	00040E	DBEQ D0,00040C	57C8	11101001
	17	000410	FFFC supr program read	FFFC	11101001
	18	00040C	NOP	4E71	11101001
	19	00040E	DBEQ D0,00040C	57C8	11101001

ESECUZIONE ISTRUZIONE NOP



SENZA RITARDI SU DTACK



CON RITARDI SU DTACK.
JUMPER SU BIT OE 1 SULLA ROM BOARD