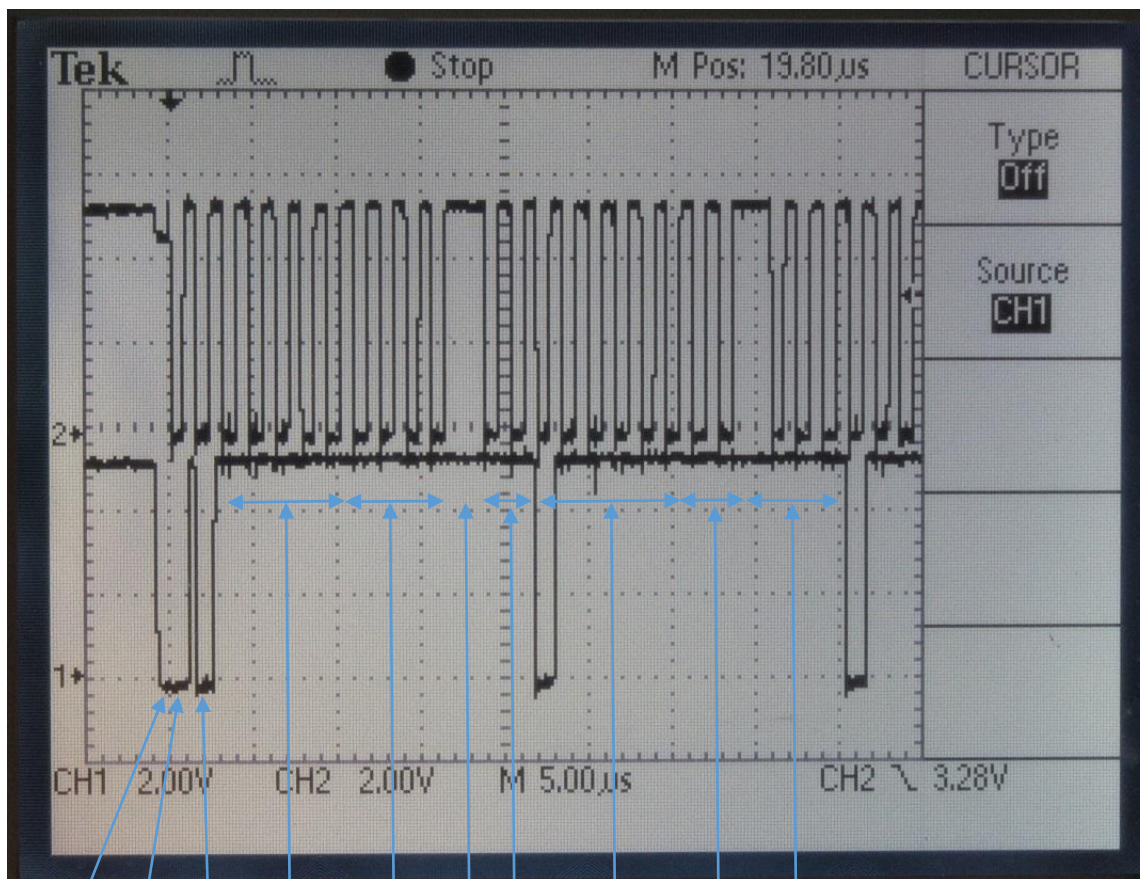


*STR

*CD



1 2 3 4 5 6 7 8 9 10

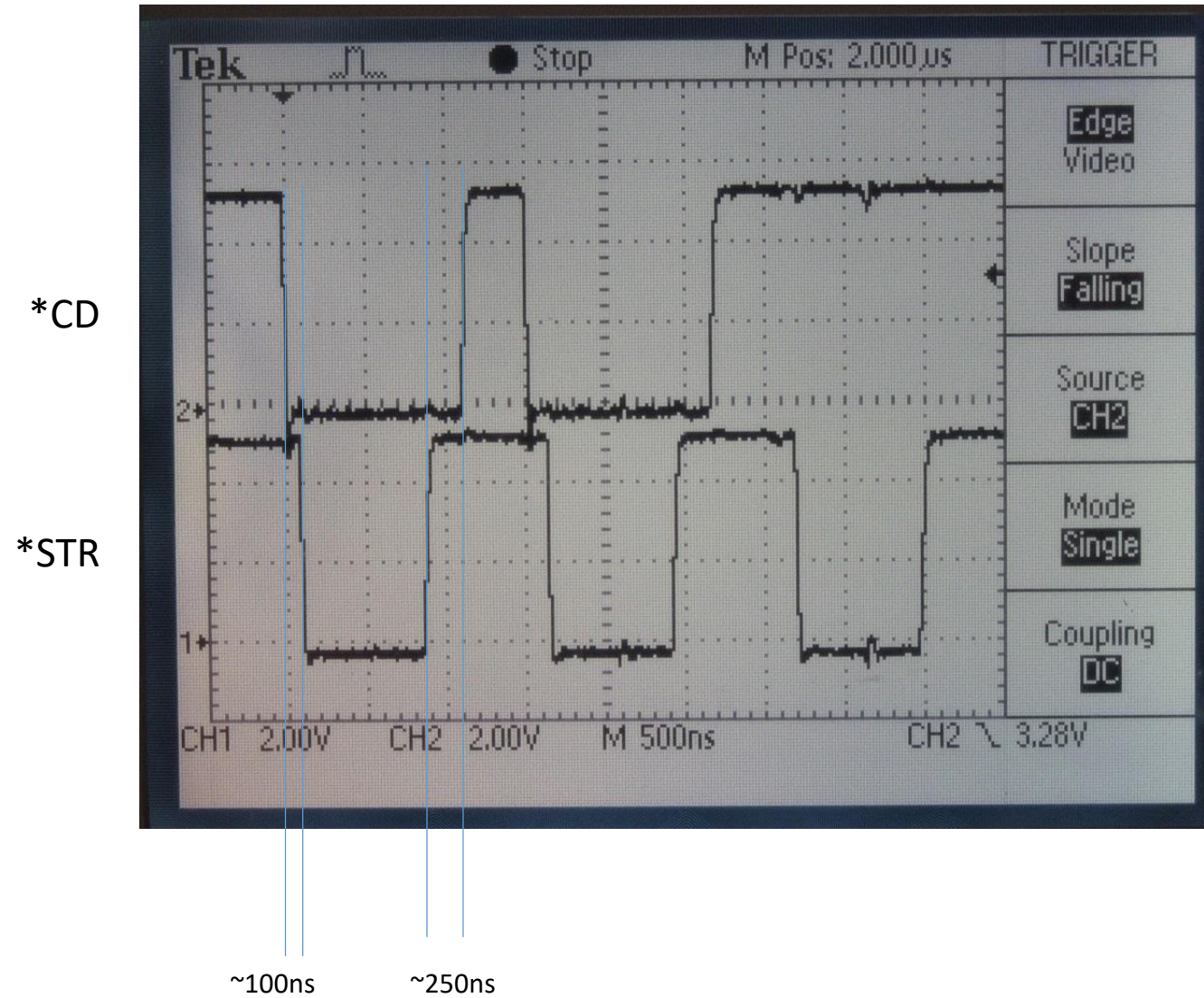
Wakeup sequence

006EA 807	SHUTDN	
006ED 838	?MP=0	Module pulled?
006F0 60	GOYES LSLE10	Not lately. Detected by intrpt?
006F2 68AA	LSLE05 GOTO MPI	Yes. Handle it.
006F6 7900	LSLE10 GOSUB RCFIMP	
006FA 871	?ST=1 1	fIMPI set?
006FD 5F	GOYES LSLE05	Yes. MPI processing.
006FF 0B	CSTEX	No. Restore status bits.
00701 02	RTNSC	All is well.
*		
00703 1B3E	RCFIMP DO=(5) (=SYSFLG)+10	
6F2		
0070A 15E0	C=DAT0 1	
0070E 0B	CSTEX	
00710 01	RTN	

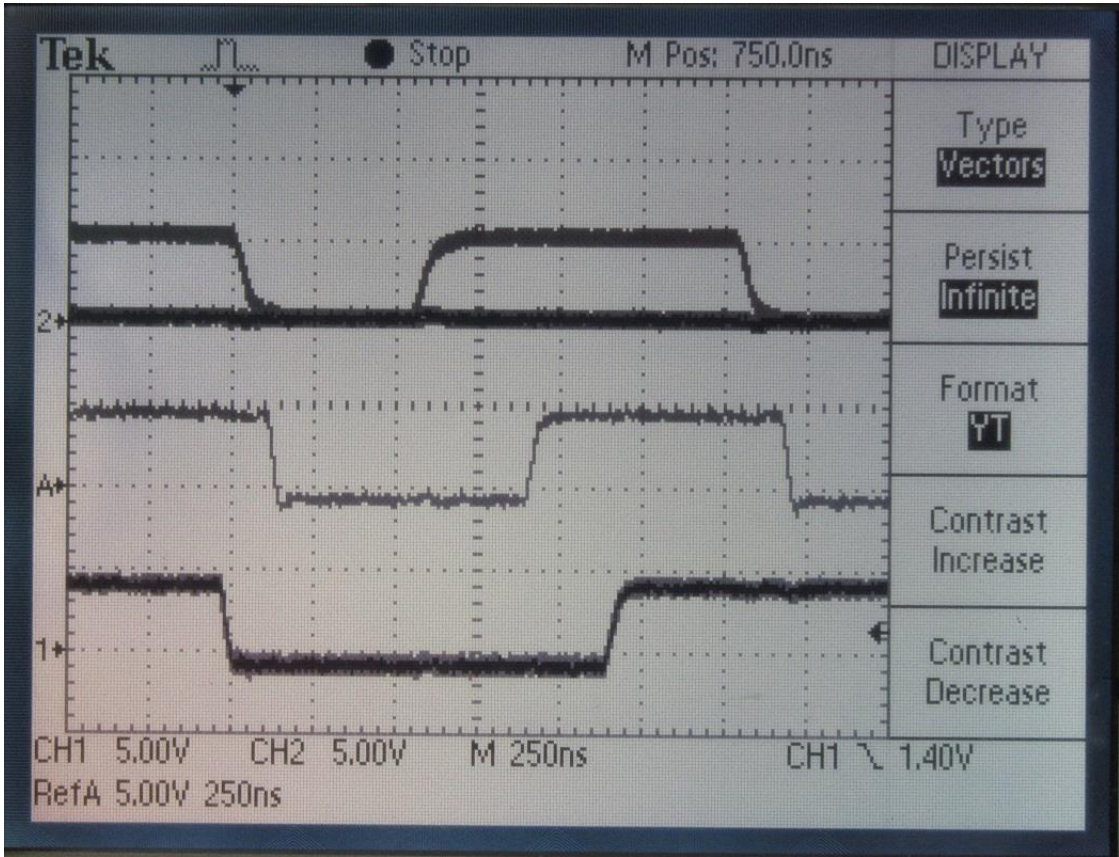
- (1) *CD pulled down by timer to wakeup CPU
- (2) NOP bus command. *CD is released by timer
- (3) LOADPC bus command
- (4) PC address (5 cycles) - PC=006ED
- (5) Opcode fetch ?MP=0 (1 dummy + 3 cycles)
- (6) Opcode execute (1 internal cycle)
- (7) Opcode fetch GOYES 6F6 (2 cycles)
- (8) GOYES execute: load PC=006F6 (6 cycles)
- (9) Opcode fetch GOSUB (1 dummy + 1 cycle)
- (10) GOSUB execute (1 internal + 3 fetch cycles)
- (11) LOADPC bus command

...

*STR and *CD timings



Timings for commands

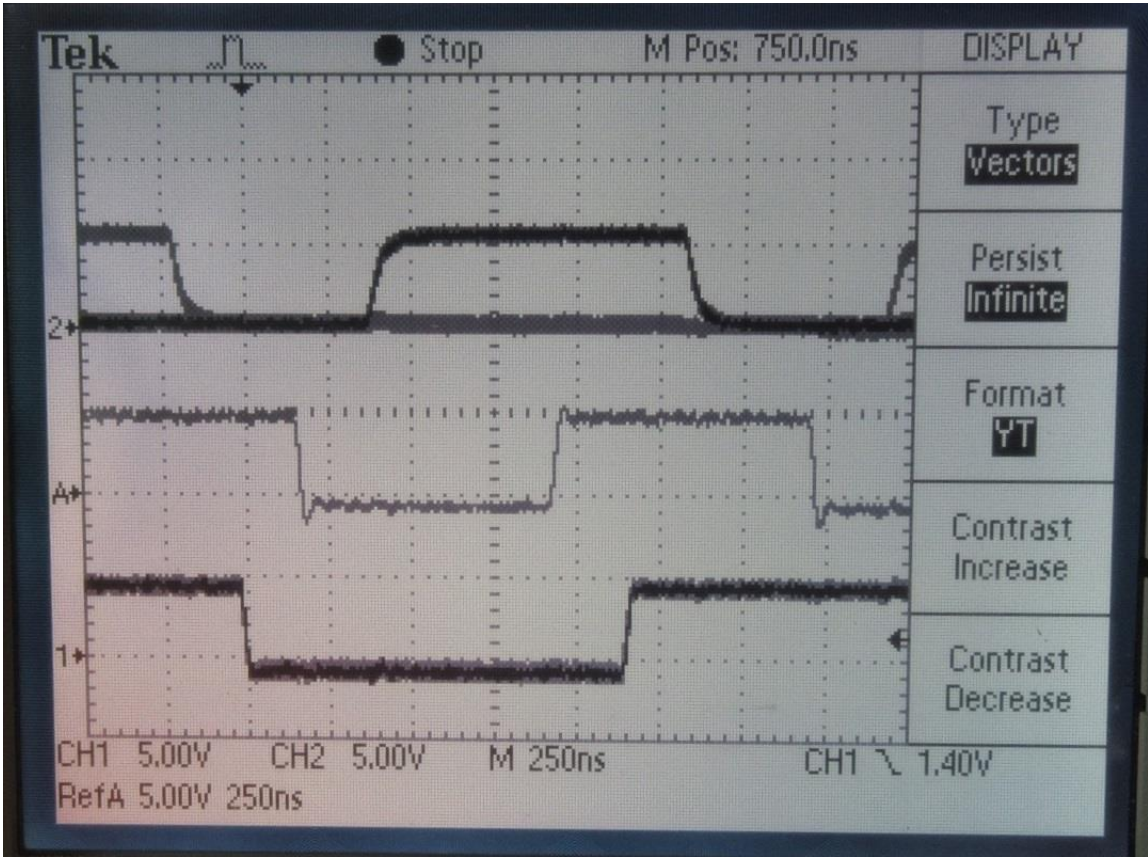


1LF2
HP-71B 2438A

2: DATA

A: *STR

1: *CD



1LK4
HP-71B 2842A