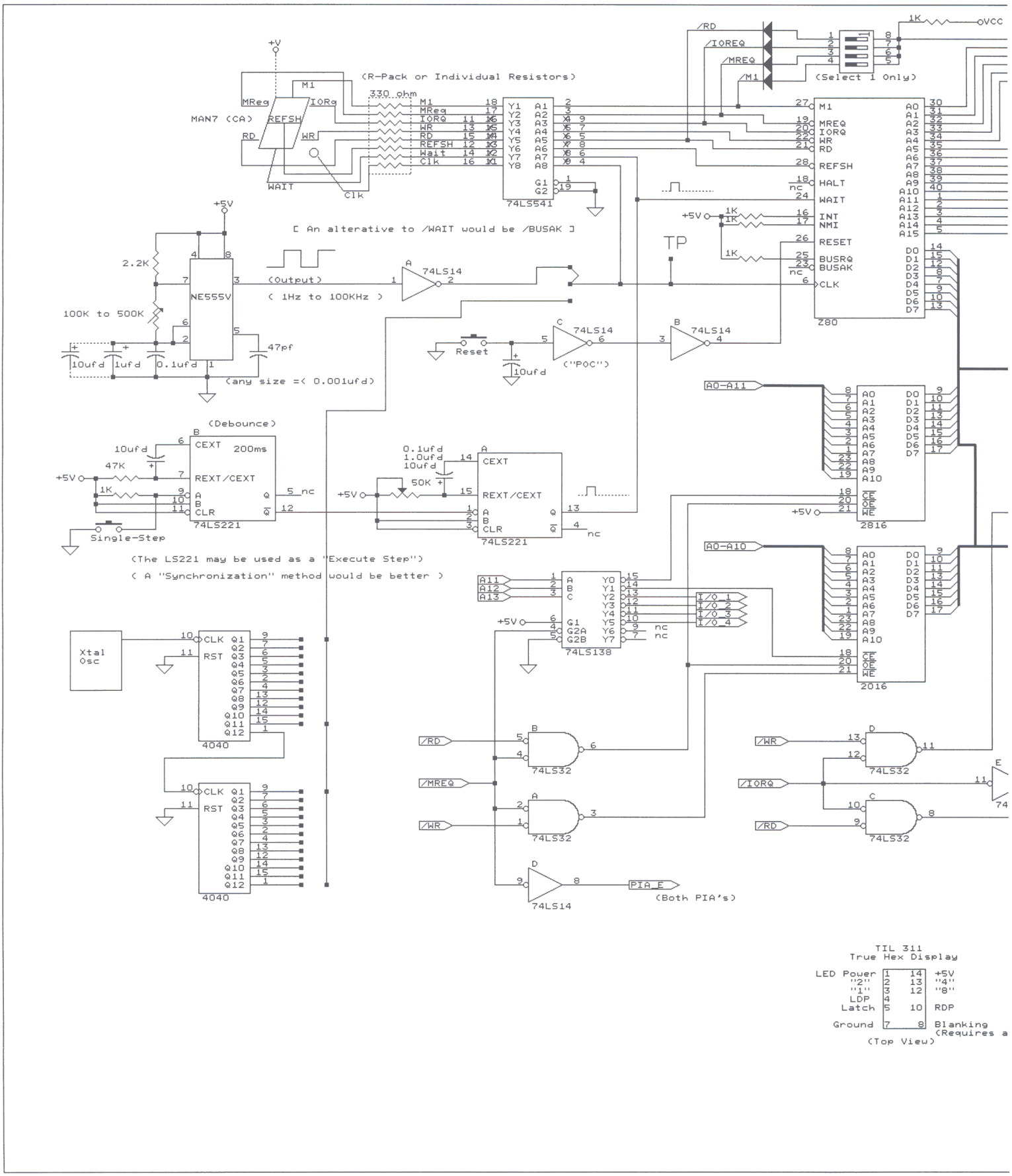
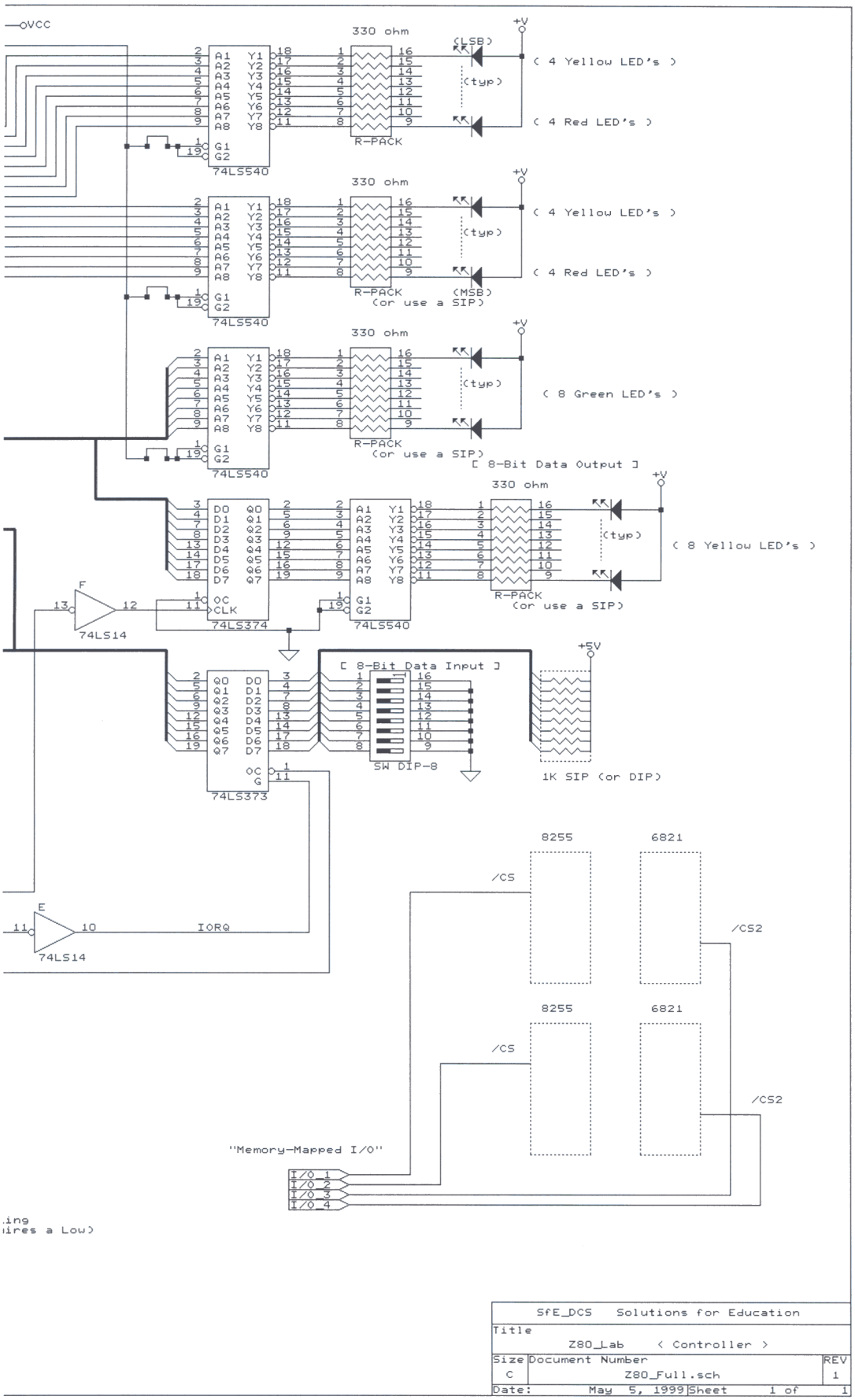

(R-Pack or Individual Resistors)
330 ohm
MAN7 (CA)
74LS541
[An alterative to /WAIT would be /BUSAK]
NE555V
2.2K
100K to 500K
10ufd
1ufd
0.1ufd
47pf
(any size =< 0.001ufd)
(Output)
(1Hz to 100KHz)
74LS14
Reset
("POC")
(Debounce)
74LS221
Single-Step
(The LS221 may be used as a "Execute Step")
(A "Synchronization" method would be better)
Xtal Osc
4040
74LS138
74LS32
74LS14
PIA_E
(Both PIA's)
(Select 1 Only)
Z80
2816
2016
A0-A11
A0-A10
I/O_1
I/O_2
I/O_3
I/O_4
TP
TIL 311
True Hex Display
LED Power
"2"
"1"
LDP
Latch
Ground
+5V
"4"
"8"
RDP
Blanking
(Requires a
(Top View)



SfE_DCS Solutions for Education		
Title: Z80_Lab < Controller >		
Size: C	Document Number: Z80_Full.sch	REV: 1
Date: May 5, 1999	Sheet 1 of 1	