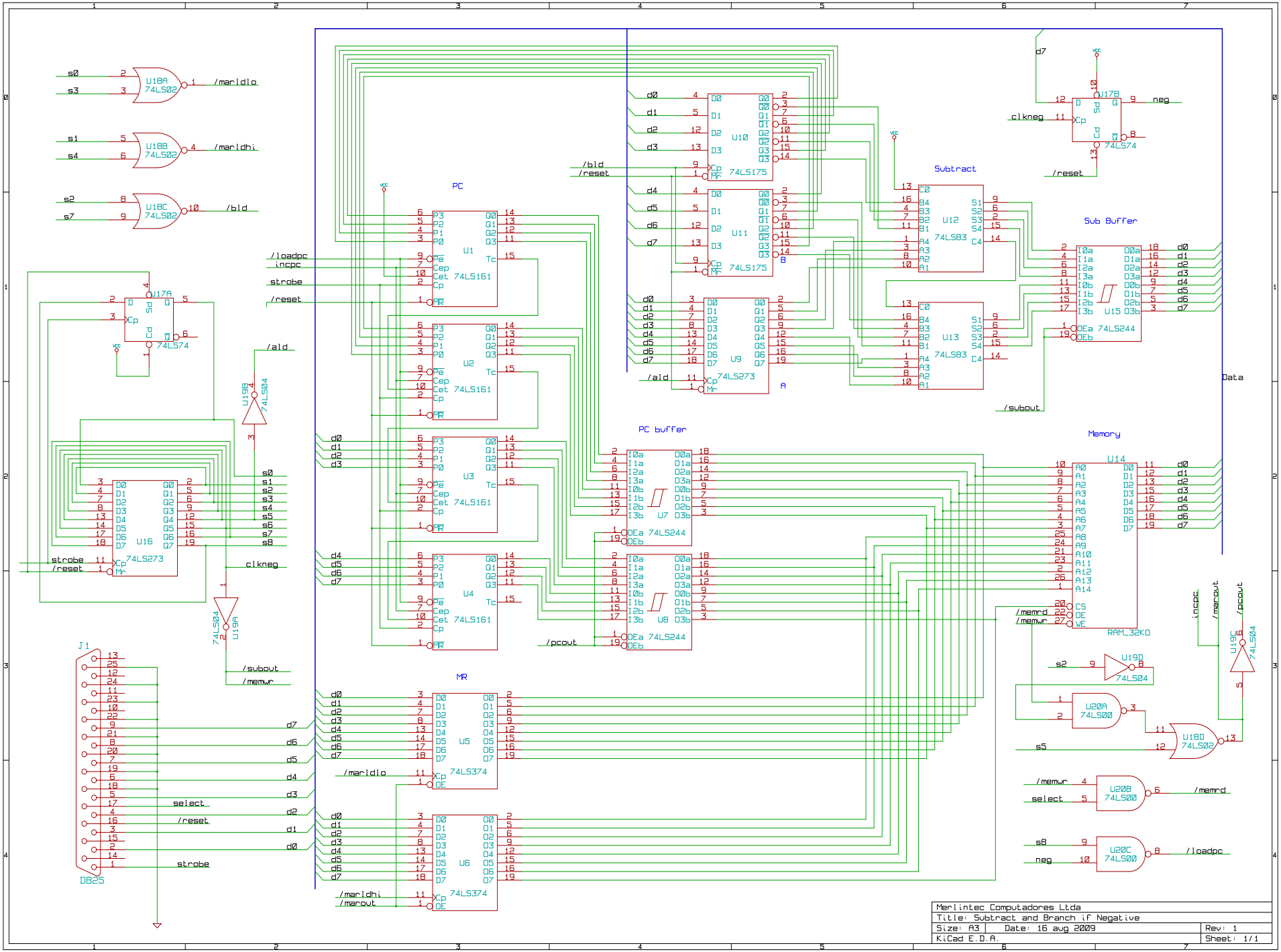
U18A 74LS02
U18B 74LS02
U18C 74LS02
/marldlo
/marldhi
/bld
U17A 74LS74
U17B 74LS74
neg
clkneg
/reset
U19A 74LS04
U19B 74LS04
U19C 74LS04
U19D 74LS04
/ald
/loadpc
incpc
strobe
/svbout
/memwr
clkneg
U16 74LS273
J1
DB25
select
PC
U1 74LS161
U2 74LS161
U3 74LS161
U4 74LS161
MR
U5 74LS374
U6 74LS374
U10 74LS175
U11 74LS175
U9 74LS273
A
B
Subtract
U12 74LS83
U13 74LS83
Sub Buffer
U15 74LS244
PC buffer
U7 74LS244
U8 74LS244
/pcout
Memory
U14 RAM_32K0
/memrd
U20A 74LS00
U20B 74LS00
U20C 74LS00
U18D 74LS02
/loadpc
/marout
Data
Merlintec Computadores Ltda
Title: Subtract and Branch if Negative
Size: A3
Date: 16 avg 2009
Rev: 1
KiCad E.D.A.
Sheet: 1/1