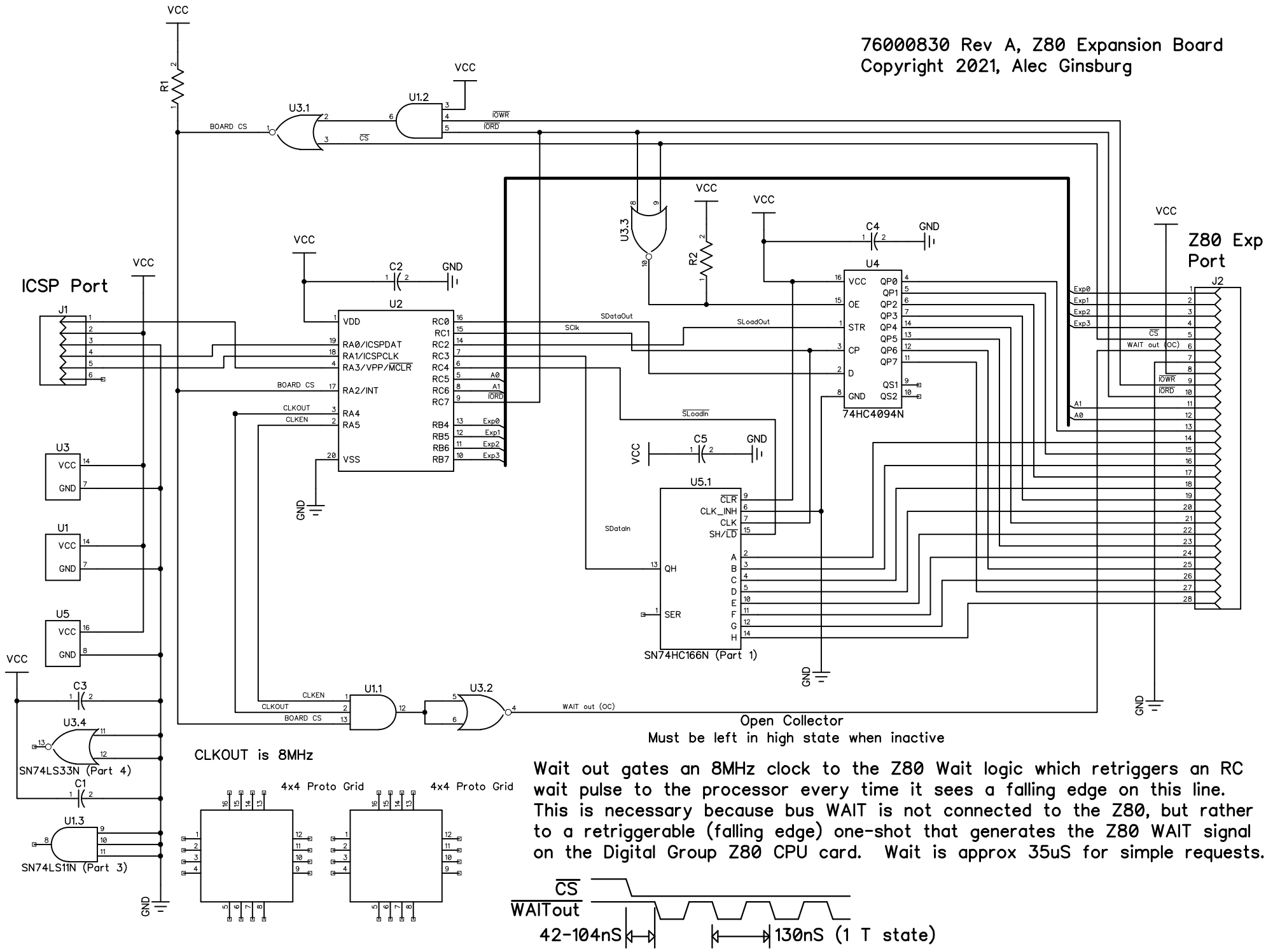
76000830 Rev A, Z80 Expansion Board
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ICSP Port
Z80 Exp Port
74HC4094N
SN74HC166N (Part 1)
SN74LS33N (Part 4)
SN74LS11N (Part 3)
Open Collector
Must be left in high state when inactive
CLKOUT is 8MHz
4x4 Proto Grid
4x4 Proto Grid
Wait out gates an 8MHz clock to the Z80 Wait logic which retriggers an RC wait pulse to the processor every time it sees a falling edge on this line. This is necessary because bus WAIT is not connected to the Z80, but rather to a retriggerable (falling edge) one-shot that generates the Z80 WAIT signal on the Digital Group Z80 CPU card. Wait is approx 35uS for simple requests.
CS
WAITout
42-104nS
130nS (1 T state)