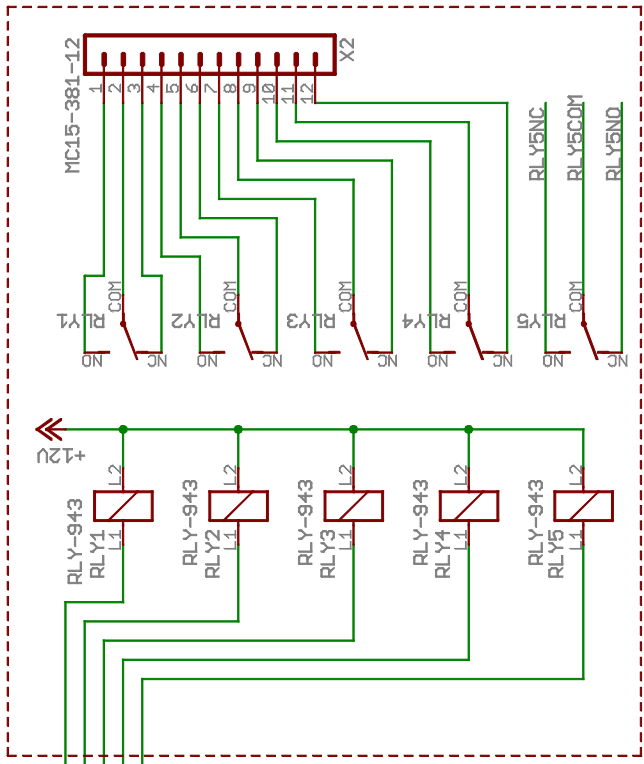
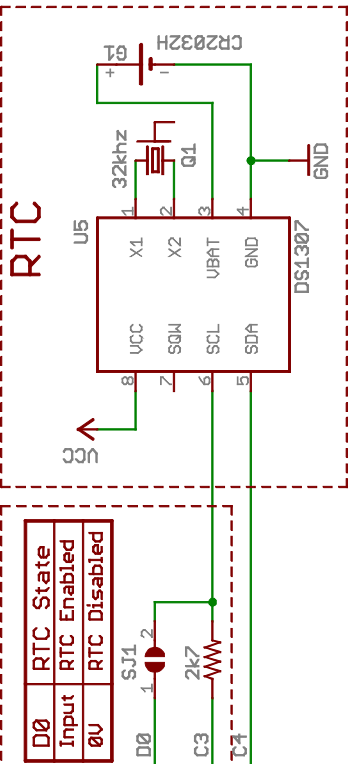


Relay Output

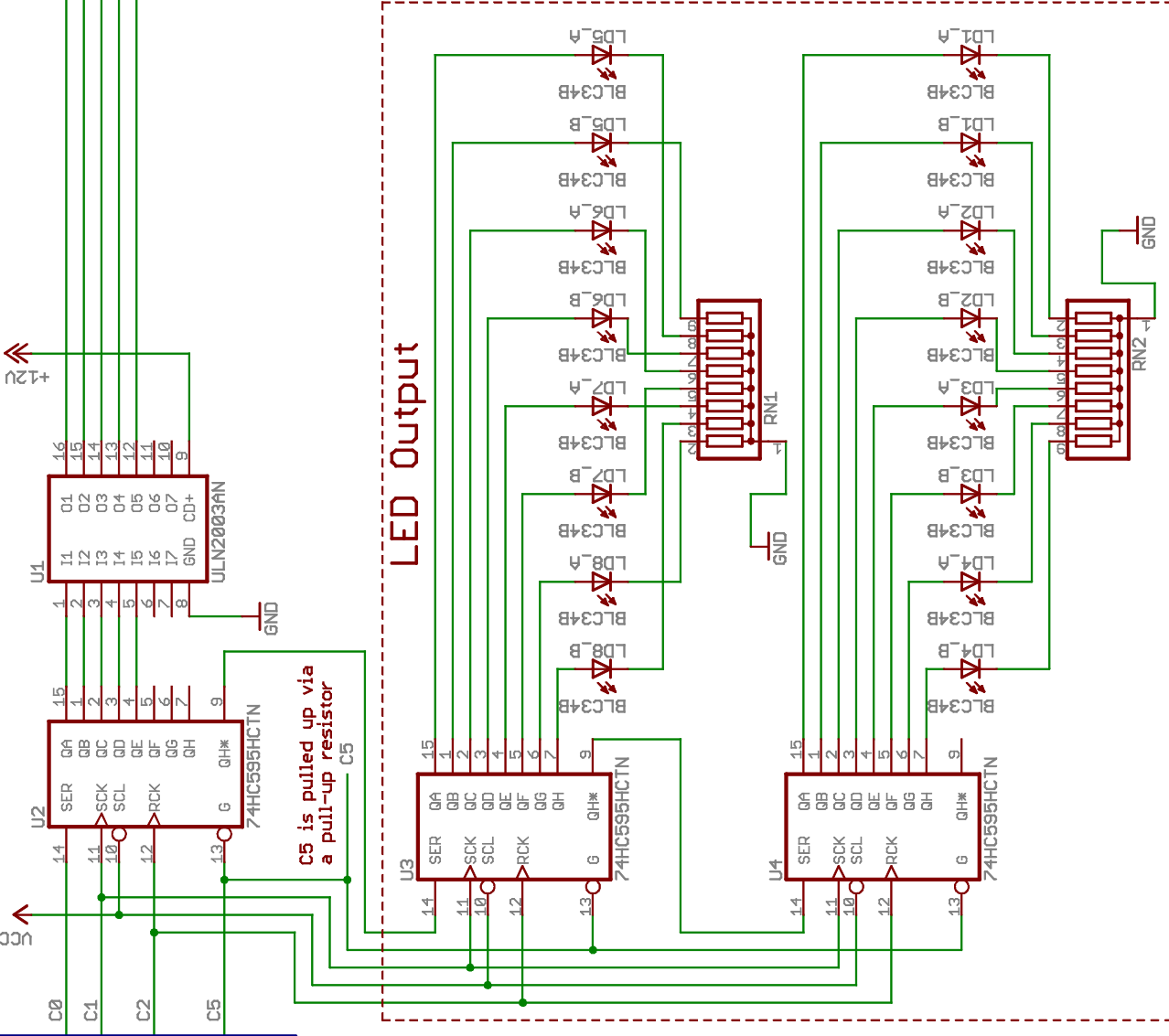


RTC



D0	RTC State
Input	RTC Enabled
0U	RTC Disabled

LED Output



C5 is pulled up via a pull-up resistor

Modtronix Engineering

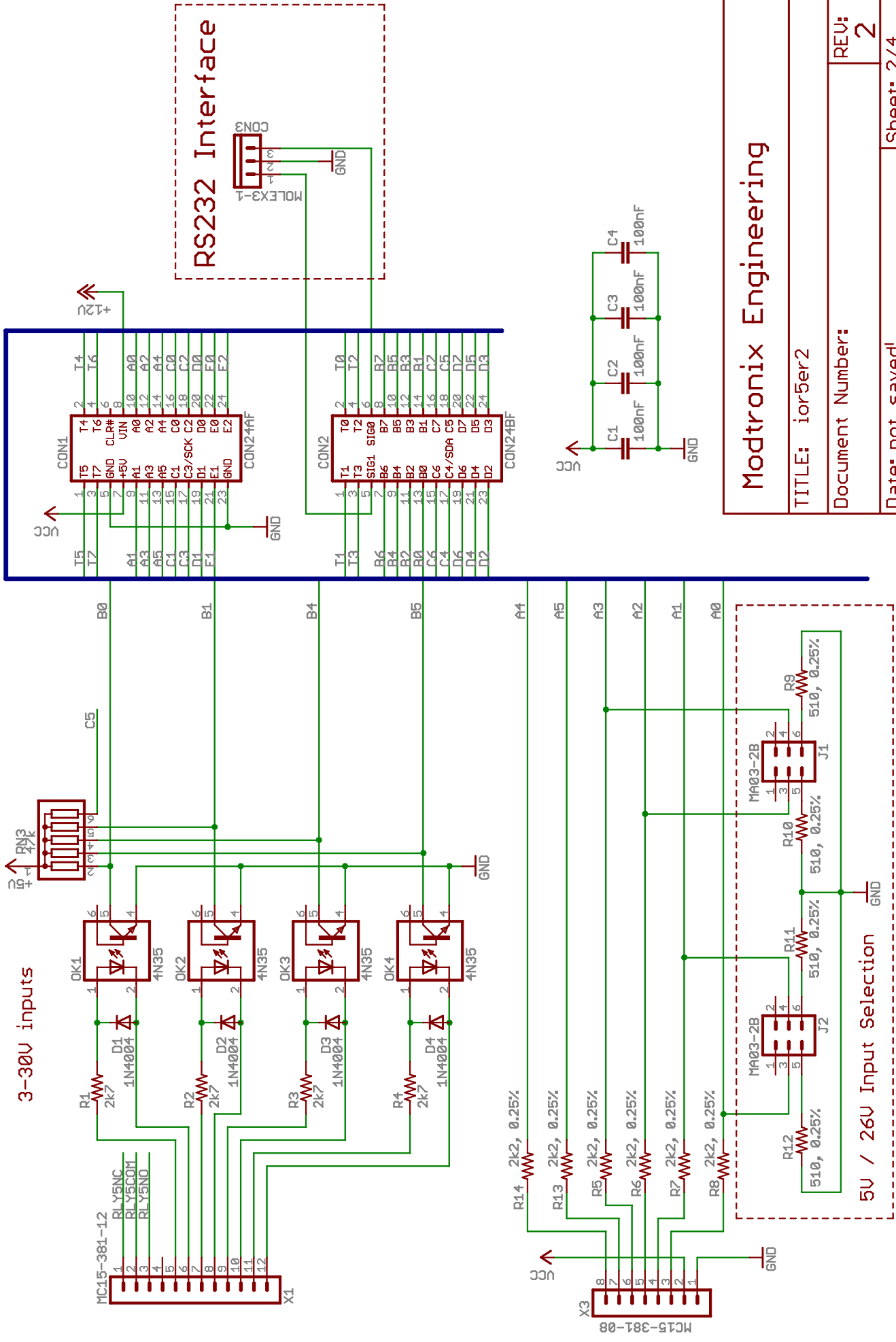
TITLE: ior5er2

Document Number:

REV: 2

Date: not saved!

Sheet: 1/4



Modtronix Engineering

TITLE: ior5er2

Document Number:

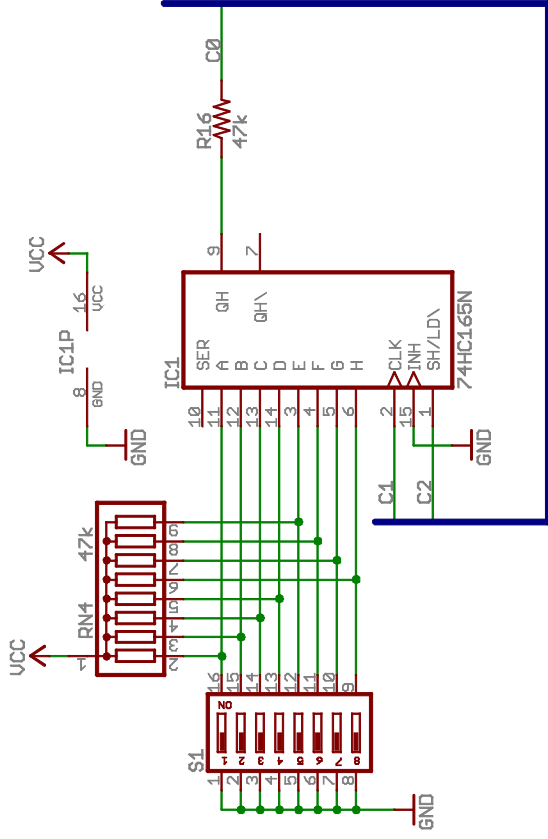
REV: 2

Date: not saved!

Sheet: 2/4

All input and output shift registers have to be read and written to together:

- Configure C0 as an output
- Clock out all data for the serial/parallel shift registers on C0
- Output a pulse (high-low-high) onto C2. This will do two things:
 - 1) Latch serial data out of serial/parallel shift registers (on rising edge of clock)
 - 2) Latch parallel data in to parallel/serial shift registers (on low level)
- Configure C0 as an input (so we can read parallel/serial shift registers)
- Clock in all data latched (on low C2) into parallel/serial shift registers



A[0..5],B[0..7],C[0..7],D[0..7],E[0..2],F[0..7]

Modtronix Engineering

TITLE: ior5er2

Document Number:

REV: 2

Date: not saved!

Sheet: 3/4