Main Circuit

* Adders (1)
  + (1) 4-Bit Adder
* Subtractors (1)
  + (1) 3-Bit Adder
* Registers (5)
  + (2) 4-Bit Registers (Triggered via Rising Edge & High-Level Respectively)
  + (3) 8-Bit Registers (Triggered via High-Level)
* Multiplexer (1)
  + (1) 4-Bit Multiplexer w/ 1 Select-Bit
* Controlled Buffer (4)
  + (2) 8-Bit Controlled Buffers
  + (2) 4-Bit Controlled Buffers
* Digital Displays (4)
  + (1) 7-Segment Display
  + (3) Hex Displays
* RAM (1)
  + (1) RAM w/ 4-Bit Address & 8-Bit Data
* Subcircuits (3)
  + Hardware Control
  + H2BCD
  + ALU