

# Design Validation Proto-Board

Last updated 12/17/24

# Design Validation - Proto-Board

- Process: Validation
  1. Collect all required components
  2. Review IC connections (pin 1, power, gnd)
  3. Place the ICs on the board
    - Be sure they span the DIP IC wiring gap
  4. Wire all the on proto-board connections
  5. Start the AD2 - waveforms
  6. Setup the desired signals
    - Power – be sure to leave these **DISABLED**
    - Input signals – be sure to leave these **Stopped**
    - Output signals
  7. Wire the proto-board to the AD2
  8. Enable the Power signals
  9. Start the Input signals
  10. Review the outputs

# Design Validation - Proto-Board

- Process: shutdown
  1. Stop the input signals
  2. Disable the power signals
  3. Disconnect the AD2 wires
  4. Optional – clear your proto-board for future use

# Design Validation - Proto-Board

- Process

