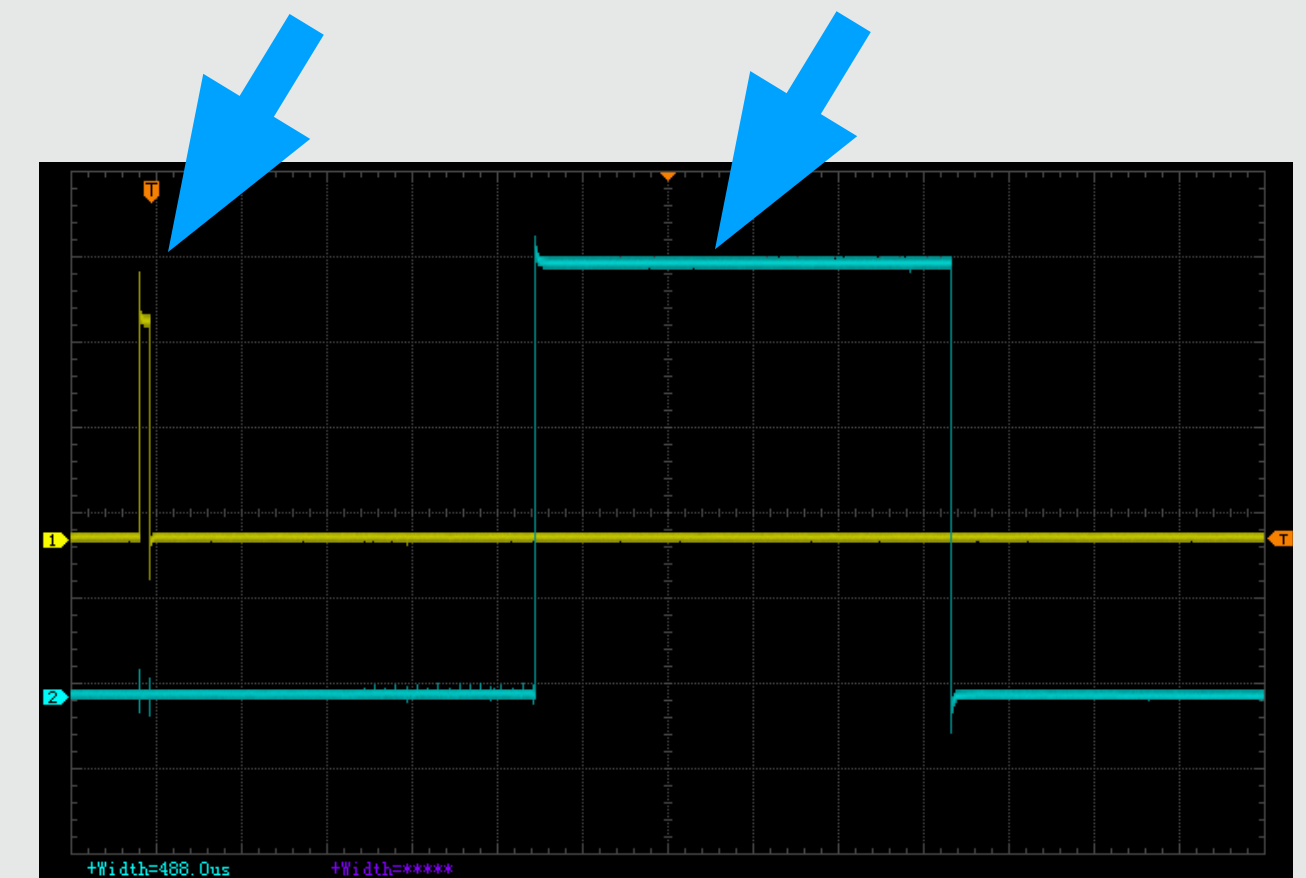
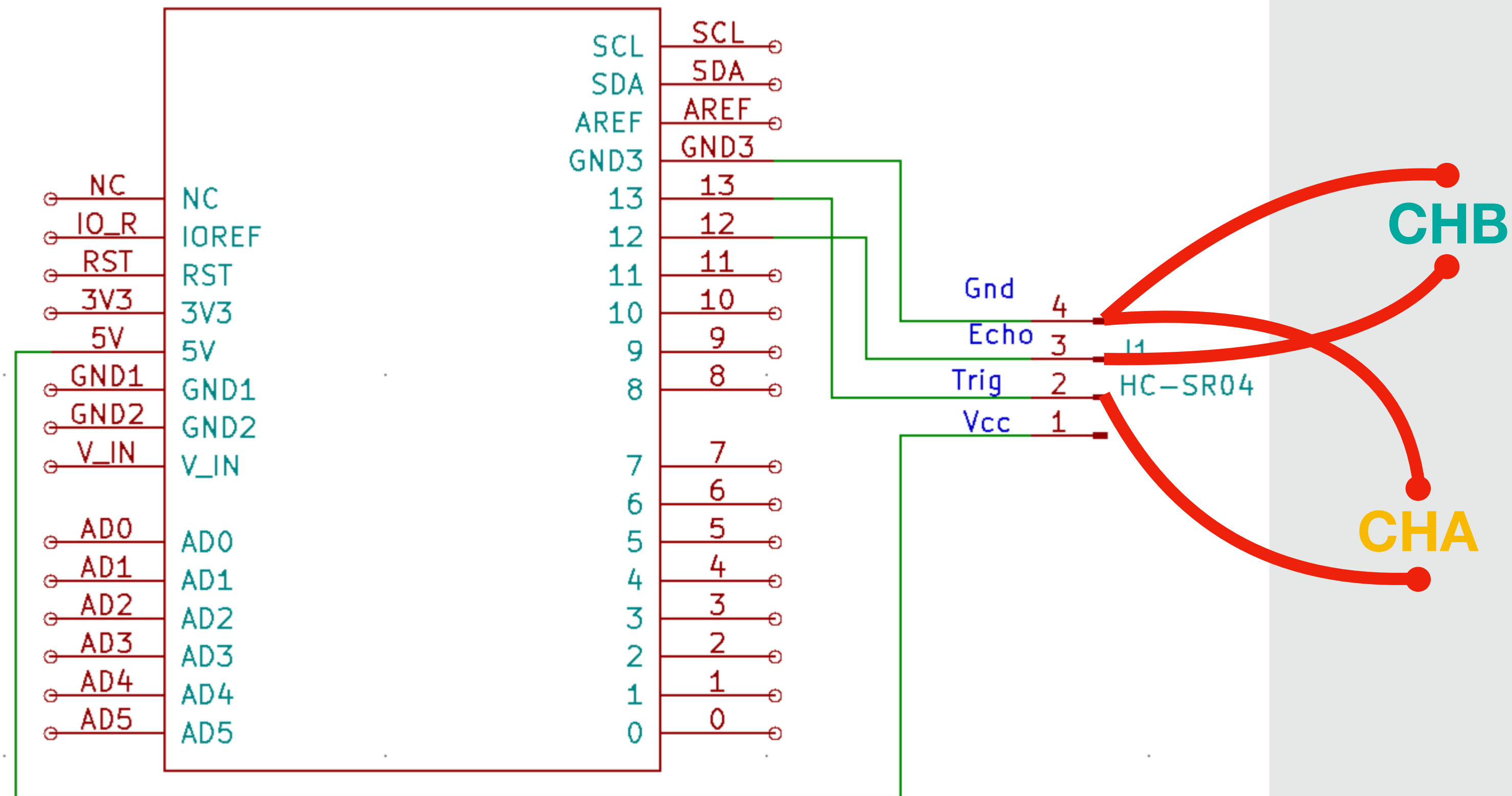


Ultrasonic sensor experiment

How distance is encoded as a square wave width

Ultrasonic sensor experiment



Oscilloscopes for Busy People

Distance sensor experiment



Ultrasonic sensor experiment

- Setup the scope
 - 100 μ s time scale
 - 200 mV voltage scale
- Triggering: edge, upslope, 1V
- Measure:
 - CH1 & CH2 square wave width
 - Distance between CH1 & Ch2 edges
- Cursors: Manual and auto

