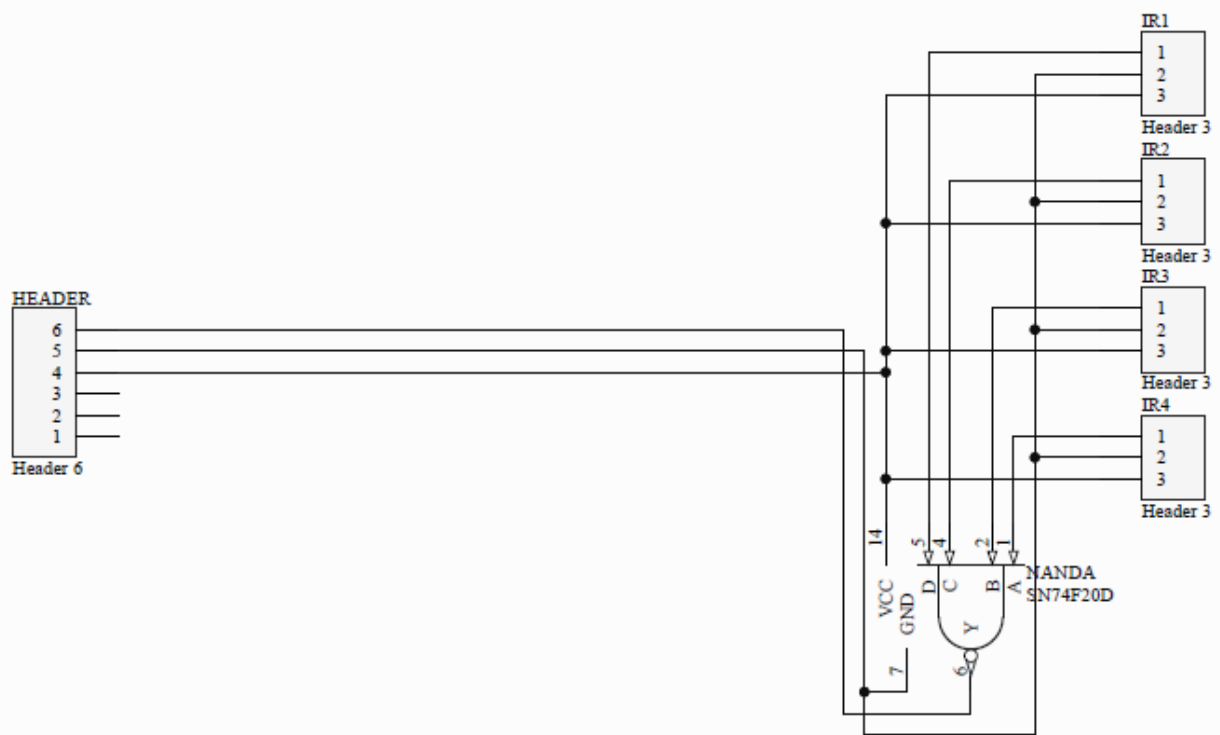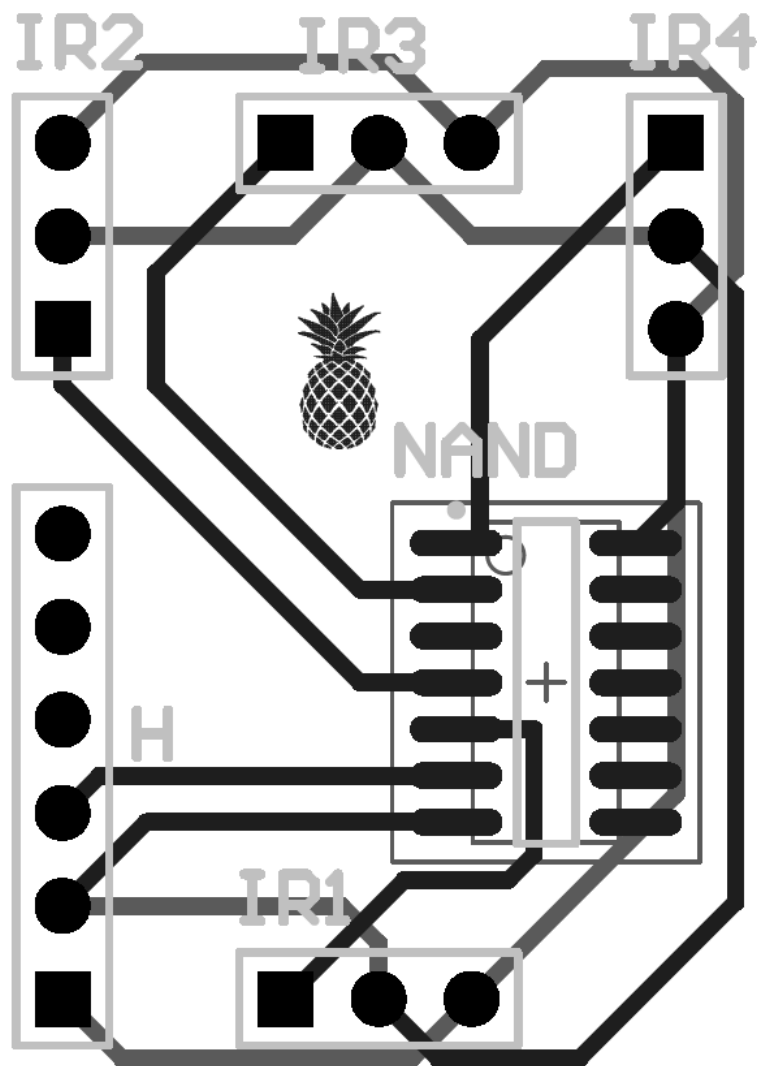# Brandon Hogue

IR Receiving Data Sheet

This module takes IR from an external emitter, and outputs demodulated IR to the PIC microcontroller.

Schematic:

PCB Layout:

Hardware Inputs:

Input Name	Description of Signal	Expected Range
5V	---	Up to 10mA
GND	---	---

Output Name	Description of Signal	Expected Range
IR Out	Active High Demodulated IR Signal	0V OR 5V

Software:

Function Name	Description	Input Parameters	Return Value
ISR	Christian's ISR block	Digital H/L	Packet Type

Time Dependent Output:

IR NAND Reciever