

NIXIE LAB ASSEMBLY REQUIREMENTS

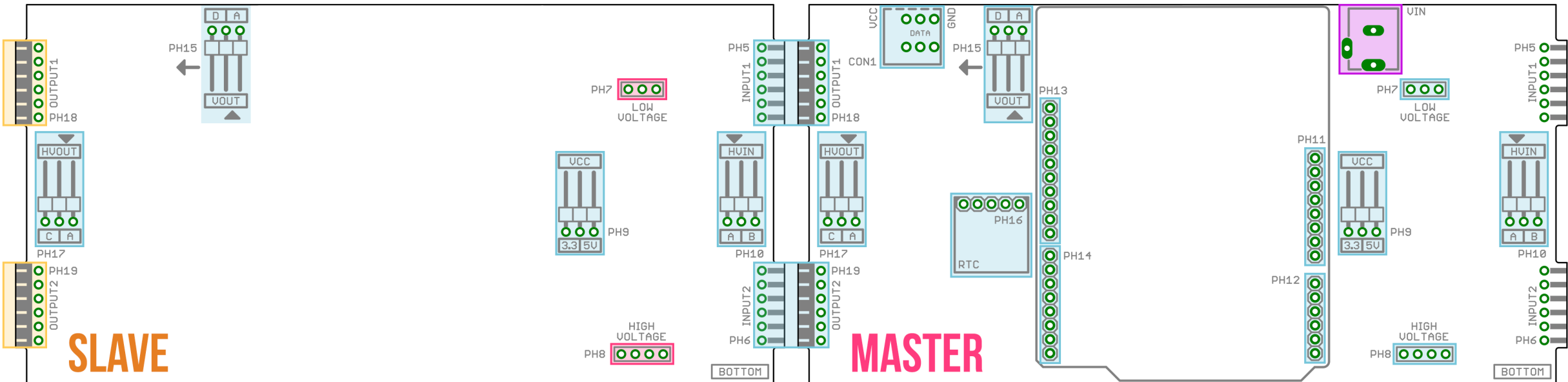
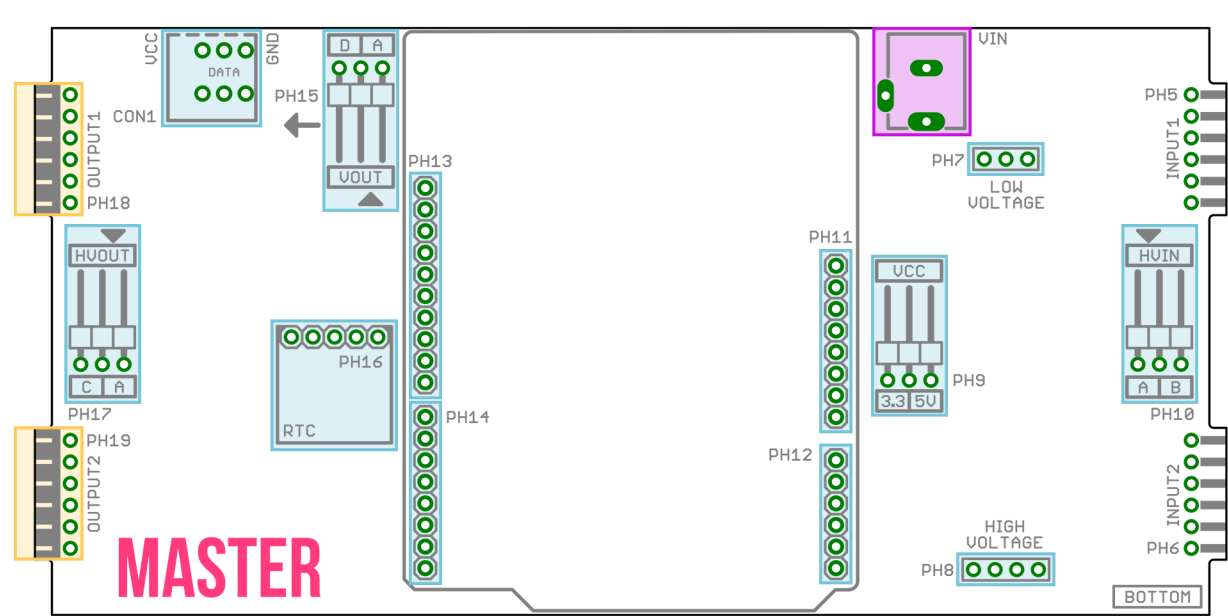
REQUIRED

OPTIONAL

ONLY IF AN ADDITIONAL NPS MODULE IS NEEDED (E.G. FOR B7971 NIXIE TUBES)

ONLY IF THE CONTROL BOARD IS NOT ARDUINO

**NOTE THAT THIS IS THE BOTTOM VIEW
IN THE TOP VIEW, THE MASTER MODULE IS THE LEFTMOST MODULE**



PH1, PH2, PH3, PH4 - 1*14 PIN HEADER; FEMALE; STRAIGHT
PH5, PH6 - 1*6 PIN HEADER; MALE; ANGLED
PH7 - 1*3 PIN HEADER; FEMALE; STRAIGHT; 3.5 MM HEIGHT
PH8 - 1*4 PIN HEADER; FEMALE; STRAIGHT; 3.5 MM HEIGHT
PH9, PH10, PH15, PH17 - 1*3 PIN HEADER; MALE; ANGLED
PH18, PH19 - 1*6 PIN HEADER; FEMALE; ANGLED; OPTIONAL

PH1, PH2, PH3, PH4 - 1*14 PIN HEADER; FEMALE; STRAIGHT
PH5, PH6 - NOT MOUNTED
PH7 - 1*3 PIN HEADER; FEMALE; STRAIGHT; 3.5 MM HEIGHT
PH8 - 1*4 PIN HEADER; FEMALE; STRAIGHT; 3.5 MM HEIGHT
PH9, PH10, PH15, PH17 - 1*3 PIN HEADER; MALE; ANGLED
PH11, PH14 - 1*8 PIN HEADER; MALE; STRAIGHT
PH12 - 1*6 PIN HEADER; MALE; STRAIGHT
PH13 - 1*10 PIN HEADER; MALE; STRAIGHT
PH16 - 1*5 PIN HEADER; MALE; STRAIGHT
PH18, PH19 - 1*6 PIN HEADER; FEMALE; ANGLED; OPTIONAL
CON1 - DHT22 SENSOR CONNECTOR
VIN - 12V POWER CONNECTOR - ONLY IF THE CONTROL BOARD IS NOT ARDUINO