



3x double photo detector: MX (X-axis) to Arduino pin A0 + A1  
MY (Y-axis) to Arduino pin A2 + A3  
MZ (Z-axis) to Arduino pin A4 + A5

3x photo detector:  
X-axis to Arduino pin 8  
Y-axis to Arduino pin 12  
Z-axis to Arduino pin 13

**CNC V3.2**  
Circuit revision: 0.1  
Source & info: [www.HomoFaciens.de](http://www.HomoFaciens.de)  
  
Bridge 1:  
InA to Arduino pin 2  
InB to Arduino pin 3  
InC to Arduino pin 4  
InD to Arduino pin 5  
  
Out A + Out B to MX (X axis)  
Out C + Out D to MY (Y axis)  
  
Bridge 2:  
InA to Arduino pin 6  
InB to Arduino pin 7  
  
Out A + Out B to MZ (Z axis)