

**// S= I2C Start, P= I2C Stop**  
**// PI4IOE5V9554-PI4IOE5V9554A command flow example**

**S 70 03 00 P**  
**// 70= 9554A ID address, A0=0, A1=0, A2=0**  
**// 03= I/O config index for input or output, set index data = 00 = output, power on initial value= input=FF as datasheet**

**S 70 01 00 P**  
**// 70= 9554A ID address, A0=0, A1=0, A2=0**  
**// 01= output index, set index data 00= output = 00, power on initial value=FF = input as datasheet**

**S 70 03 FF P**  
**// Change I/O from output=00 to input=FF, I/O state will output weakly high from output =00.**

**S 71 00 dd P**  
**// 71 = ID + read, index = 00 => input register, dd = I/O input value**  
**// or you can has other flow as below**

**S 70 00 P**  
**// setting index to 00 input register**

**S 71 dd P**  
**// read index 00 input register, dd= input data**