from pynq.overlays.base import BaseOverlay

base = BaseOverlay("base.bit")

from pynq.lib.arduino import Arduino\_IO

x=Arduino\_IO(base.ARDUINO,11,"in")

y=x.read()

if(y==1):

print("Authorized")

else:

print("Unauthorized")

z=Arduino\_IO(base.ARDUINO,12,"out")

if(y==1):

z.write(1)

else:

z.write(0)