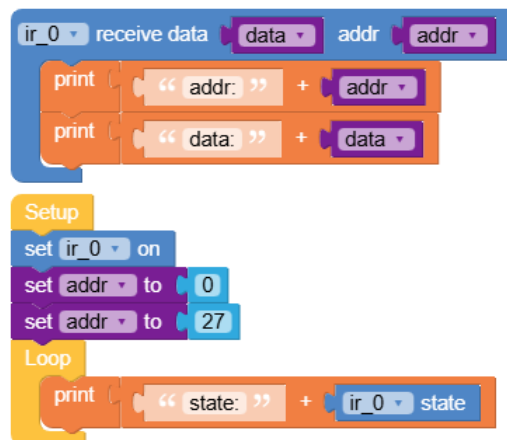


Unit IR

Example

Receive IR data



```
from m5stack import *
from m5ui import *
from uiflow import *
import unit

setScreenColor(0x222222)
ir_0 = unit.get(unit.IR_NEC, unit.PORTB)

addr = None
data = None

def ir_nec_rx_cb(_data, _addr, _ctrl):
    global addr, data
    data = _data
    addr = _addr
    print((str('addr:') + str(addr)))
    print((str('data:') + str(data)))

ir_0.rx_cb(ir_nec_rx_cb)

ir_0.txOn()
addr = 0
addr = 27
while True:
    print((str('state:') + str((ir_0.rxStatus()))))
    wait_ms(2)
```

API



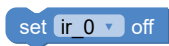
```
def ir_nec_rx_cb(_data, _addr, _ctrl):  
    # global params  
    data = _data  
    addr = _addr  
  
    ir_0.rx_cb(ir_nec_rx_cb)
```

- Receives IR data sent to the specified address and triggers the function



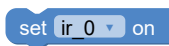
```
ir_0.tx(0, 0)
```

- Send the IR signal value to the address



```
ir_0.txOff()
```

- Enable data sending



```
ir_0.txOn()
```

- Disable data sending



```
print((str('state:') + str((ir_0.rxStatus()))))
```

- Obtain the current device status