

# monitor.py

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## AUTHORS

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JAY CONVERTINO

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## DATES

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## INFORMATION

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### Brief

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Monitor for uP

### License MIT

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## upMonitor

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upBase

upMonitor

Check signals to make sure they are applied properly.

## FUNCTIONS

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init

---

```
def __init__(
    self,
    entity,
    name,
    clock,
    resetn,

    args,
    kwargs
)
```

Setup defaults and call base class constructor.

---

## **`_check_type`**

```
def _check_type(
    self,
    trans
)
```

Check and make sure we are only sending uptrans, this is only here to satisfy the need to have it.

---

## **`_run_write`**

```
async def _run_write(
    self
)
```

Coroutine for writing uP bus

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## **`_run_read`**

```
async def _run_read(
    self
)
```

Coroutine for reading uP bus