

## TB

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Create the device under test which is the master/slave.

## FUNCTIONS

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### run\_test

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```
async def run_test(  
    dut,  
    payload_data  
    =  
    None  
)
```

Tests the source/sink for valid transmission of data.

### incrementing\_payload

---

```
def incrementing_payload()
```

Generate a list of ints that increment from 0 to 2<sup>8</sup>

### test

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```
def test(  
    request  
)
```

Main cocotb function that specifies how to put the test together.