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PRODUCT INFO, DATASHEETS > DEVELOPMENT MODULES > FIPY **FIPY** Please Note: We have removed the labels from the pictures in the documentation due to inconsistencies with label orientation. The LED must be aligned above the USB socket when inserting or removing a development board from an expansion board/Pytrack/Pysense /Pyscan. Store: Buy Here Getting Started: Click Here PREVIOUS eet **NEXT** 

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#### FiPy Datasheet

The drawing of the LTE-M antenna is available as a PDF File. LTE-M Antenna Drawing

### Pinout

The pinout of the FiPy is available as a PDF File

### FiPy Pinout



Please note that the PIN assignments for UART1 (TX1/RX1), SPI (CLK, MOSI, MISO) and I2C (SDA, SCL) are defaults and can be changed in Software.

### Notes

#### WiFi

By default, upon boot the FiPy will create a WiFi access point with the SSID

fipy-wlan-XXXX, where XXXX is a random 4-digit number, and

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between the on-board and external antenna is connected to P12, for this reason using P12 should be avoided unless WiFi is disabled in your application.

#### Power

The Vin pin on the FiPy can be supplied with a voltage ranging from 3.5v to 5.5v.

The 3.3v pin on the other hand is output only, and must not be used to feed power into the FiPy, otherwise the onboard regulator will be damaged.

#### AT Commands

The AT commands for the Sequans Monarch modem on the FiPy are available in a PDF file.

AT Commands for Sequans

## Tutorials

Tutorials on how to the FiPy module can be found in the examples section of this documentation. The following tutorials might be of specific interest for the FiPy:

• WiFi connection

• LTE CAT-M1 Q Search • NB-IoT • <u>BLE</u> **★** INTRODUCTION **PYCOM PRODUCTS GETTING STARTED PYMAKR** PYTRACK, PYSENSE, PYSCAN TUTORIALS & EXAMPLES FIRMWARE & API REFERENCE PRODUCT INFO, DATASHEETS **DEVELOPMENT MODULES** WIPY 2.0 WIPY 3.0 LOPY LOPY 4 SIPY GPY FIPY OEM MODULES **EXPANSION BOARDS AND SHIELDS** NOTES **PYBYTES PYMESH DOCUMENTATION NOTES ADVANCED TOPICS DOCUMENTS** 

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