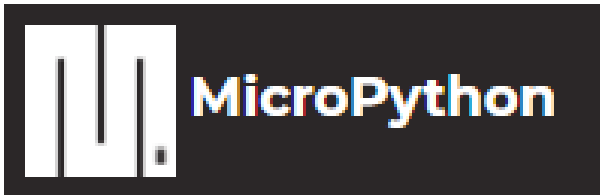


Source URL: https://www.emacinc.com/products/operating_systems/micropython-0



MicroPython

MicroPython is a lean and efficient implementation of the Python 3 programming language that includes a small subset of the Python standard library and is optimized to run on microcontrollers and in constrained environments.

The MicroPython based IOT-F407M "MitiPy™" and IOT-F407C "CutiPy™" are compact microcontroller electronic circuit boards that runs MicroPython on bare metal, giving you a low-level Python operating system that can be used to add remote IoT control to industrial systems.

MicroPython is packed full of advanced features such as an interactive prompt, arbitrary precision integer, closures, list comprehension, generators, exception handling and more. Yet it is compact enough to fit and run within just 256k of code space and 16k of RAM.

MicroPython aims to be as compatible with normal Python as possible to allow you to transfer code with ease from the desktop to a microcontroller or embedded system.

To get started developing with EMAC's hardware see the CutiPy MicroPython Wiki page:
https://wiki.emacinc.com/wiki/CutiPy-Installing_MicroPython_Firmware

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