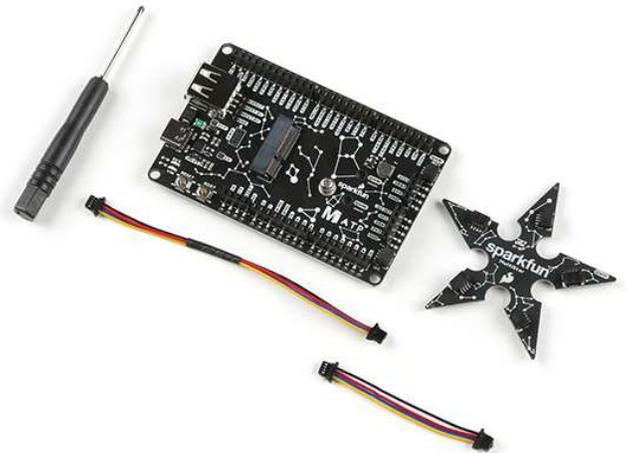![sparkfun START SOMETHING]

SparkFun Constellation MicroMod Kit

KIT-21224

The SparkFun Constellation MicroMod Kit is the newest limited edition offering that joins the ranks of the SkeleBoard and the SnowBoard. Instead of releasing a single board this year, released is a full kit instead. This kit combines both MicroMod and Qwiic in a single box with a limited edition MicroMod ATP Carrier Board and MultiStar. Due to popular demand, we have reworked the MultiStar into a working (and much safer) celestial version of the MultiPort. Also included in this kit is a MicroMod Screwdriver and two Qwiic Cables to get you hooked up! The ATP Carrier Board and MultiStar included in this kit feature a matte black PCB with a star scape design in white silk.

Access all the pins (i.e. ATP) of the MicroMod Processor Boards with the SparkFun MicroMod ATP Carrier Board. This board breaks out the MicroMod Processor Board's pins on the M.2 connector to 0.1" spaced female headers and PTH pads on the edge of the board. This Carrier Board is great if you're interested in testing out different MicroMod Processor Boards for your application.

A modern USB-C connector makes programming easy. In addition to the pins broken out, two separate Qwiic-enabled I2C ports allow you to easily daisy chain Qwiic-enabled devices. We've exposed the SWD pins for more advanced users who prefer to use the power and speed of professional tools. A USB-A connector is provided for Processor Boards that have USB Host support. A backup battery is provided for processor boards with RTC. If you need a "lot" of GPIO with a simple-to-program, ready for market module, the ATP is the fix you need. We've even added a convenient jumper to measure the current consumption for low power testing.

Have you ever had problems trying to daisy chain Qwiic-enabled boards with only ONE Qwiic connector? Or maybe you need a Qwiic-enabled device that is not in the middle of a daisy chain? The SparkFun Qwiic MultiStar adds five additional ports to boards that have only one Qwiic port on the I2C bus. Once added, you can use it as a hub to add as many I2C devices to the bus as you need!

Kit Includes

- 1x SparkFun Constellation MicroMod ATP Carrier Board
- 1x SparkFun Constellation Qwiic MultiStar
- 1x Qwiic Cable - 100mm
- 1x Qwiic Cable - 50mm
- 1x MicroMod Screwdriver