



SparkFun Thing Plus - SAMD51

DEV-14713

★★★★★ 1

DESCRIPTION

FEATURES

DOCUMENTS

- ATSAM51J20 microcontroller
 - 32-bit ARM Cortex-M4F MCU
 - Up to 120MHz CPU speed
 - 1MB flash memory
 - 256KB SRAM
 - Up to 6 SERCOM interfaces
- UF2 bootloader
- Qwiic connector
- USB interface for programming and power
- 600mA 3.3V regulator
- 4Mb (external) flash memory
- LiPo charger
- Feather pin layout

Tags

ARDUINO

ARM

DEVELOPMENT

FEATHER

I2C

LIPO

LIPO CHARGER

QWIIC

SAMD51

SPARKFUN ORIGINAL

THING

THING PLUS

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SparkFun Thing Plus - SAMD51 Product Help and Resources

TUTORIALS

VIDEOS

SKILLS NEEDED



SAMD51 Thing Plus Hookup Guide

MAY 24, 2019

This tutorial covers the basic functionality of the SAMD51 Thing Plus and highlights the features of the new ARM Cortex-M4F development board.



ARM Programming

MAY 23, 2019

How to program SAMD21 or SAMD51 boards (or other ARM processors).



SparkFun Qwiic Shield for Thing Plus Hookup Guide

JANUARY 30, 2020

A short guide for assembling and using the SparkFun Qwiic Shield for Thing Plus.



Adding More SERCOM Ports for SAMD Boards

FEBRUARY 4, 2019

How to setup extra SPI, UART, and I2C serial ports on a SAMD-based boards.

Customer Reviews

★★★★★ 5 out of 5

Based on 1 ratings:

5 star		1
4 star		0
3 star		0
2 star		0
1 star		0

Currently viewing all customer reviews.

★★★★★ solid design...stable bootloader

about 9 months ago by **Member #773799** ✓ verified purchaser

so far...using mac based arduino system...it has been more stable than some adafruit boards...looks like a good "brain" for my design of networked "pods" in a machine design...



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