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Arduino MKR Vidor 4000

DEV-14870 ROHS











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DESCRIPTION | FEATURES | DOCUMENTS

- FPGA: Intel Cyclone 10CL016
  - Mini PCI Express port with programmable pins
  - Camera Connector: MIPI camera connector
  - Circuit Operating Voltage: 3.3V
  - DC Current per I/O Pin: 4mA or 8mA
  - Flash Memory: 2MB
  - SDRAM: 8MB
  - Clock Speed: 48MHz - up to 200MHz
  - Video Output: Micro HDMI
- Microcontroller: Microchip ATSAMD21 (Arm Cortex-M0+ processor)
  - Wi-Fi: U-blox Nina-W102
  - (VIN): 5V
  - Supported Battery: Li-Po Single Cell, 3.7V, 700mAh Minimum
  - Circuit Operating Voltage: 3.3V
  - Flash Memory: 256KB
  - SRAM: 32KB
  - EEPROM: No
  - Clock Speed: 32.768kHz (RTC), 48MHz

Tags

ARDUINO | CYCLONE 10CL016 | DEVELOPMENT | FPGA | I2C | I2S | MKR 4000 | SAMD21 | SPI | U-BLOX | VIDOR | WIFI | WIRELESS

Arduino MKR Vidor 4000 Product Help and Resources

TUTORIALS | VIDEOS | SKILLS NEEDED



ARM Programming

MAY 23, 2019

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

COMMENTS 0 | REVIEWS 0

Comments

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In 2003, CU student Nate Seidle fried a power supply in his dorm room and, in lieu of a way to order easy replacements, decided to start his own company. Since then, SparkFun has been committed to sustainably helping our world achieve electronics literacy from our headquarters in Boulder, Colorado.

No matter your vision, SparkFun's products and resources are designed to make the world of electronics more accessible. In addition to over 2,000 open source components and widgets, SparkFun offers curriculum, training and online tutorials designed to help demystify the wonderful world of embedded electronics. We're here to help you start something.

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