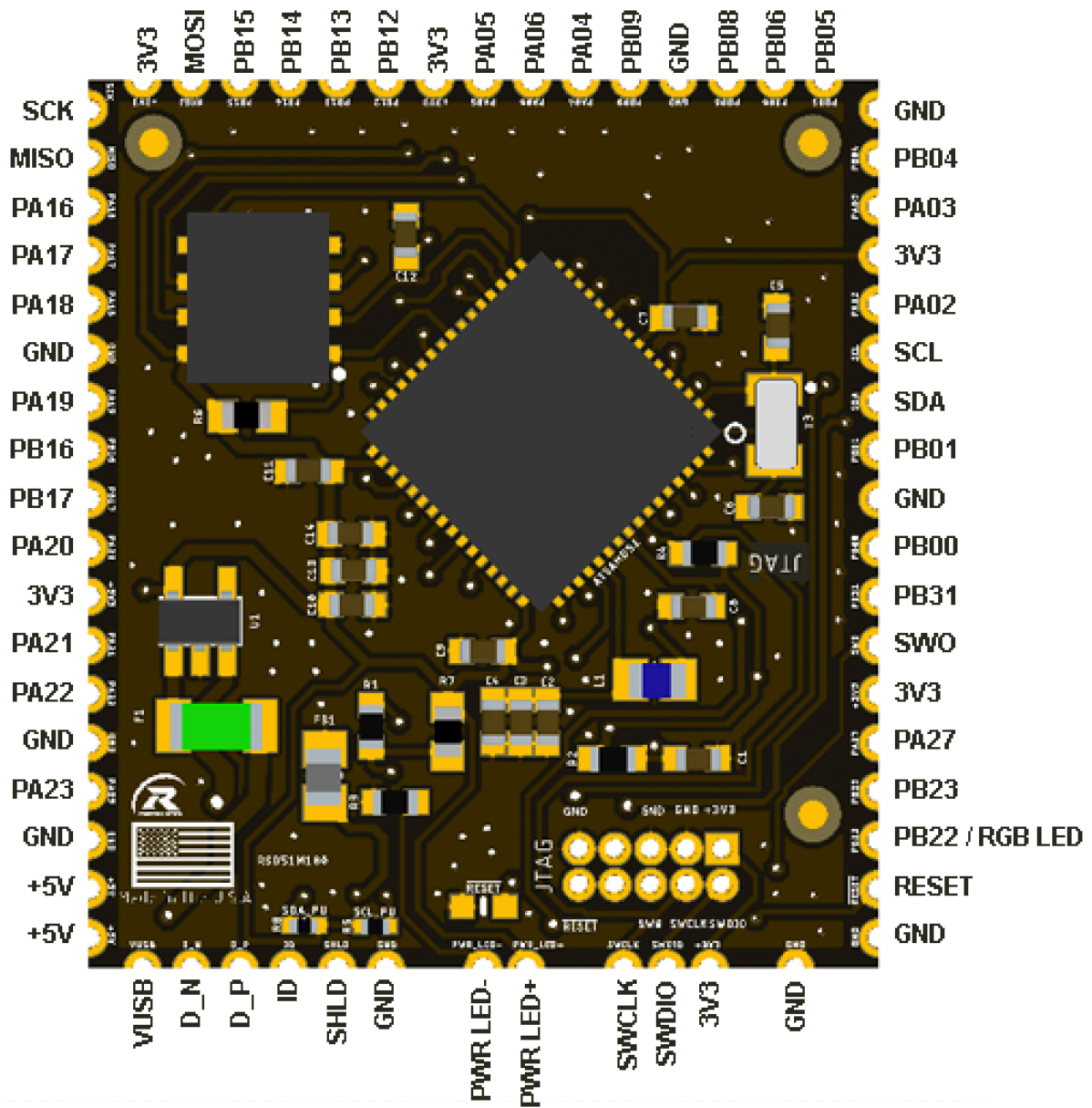


Rendeer Systems RSD51M100 Module

- Microchip ATSAM51J19 ARM® Cortex® M4 core running at 120 MHz
- [Floating point support with Cortex M4 DSP instructions](#)
- 512 KB flash, 192 KB RAM
- 32-bit, 3.3V logic and power
- Dual 1 MSPS DAC (A0 and A1)
- Dual 1 MSPS ADC (8 analog pins)
- 6 x hardware SERCOM (I2C, SPI or UART)
- 22 x PWM outputs
- Built in crypto engines with AES (256 bit), true RNG, Pubkey controller
- Native USB, there's no need for a hardware USB to Serial converter when used to as a serial device, the USB interface can be used by any computer to send/receive data to the RSD51M200 and can also be used to launch and update code via the bootloader. It can also act like an HID keyboard or mouse.



TECHNICAL DETAILS



Product Dimensions: 31.5mm x 28mm x 2.05mm / 1.24" x 1.10" x 0.8"
<https://www.rendeersys.com>