



Interfaces

Serial	4xUART (1 shared w/ USB), 2xTWI, 1xSPI, 1xCAN
USB	2.0 host/device/HID

General

Input Voltage	5V (USB/ext.) or 7~12V (Vin)
Power Consumption	100mA
PCB size	53.3mm x 101.5mm
Weight	34g

Microcontroller

Microcontroller	AT91SAM3X8E
Architecture	Microchip ARM Cortex- M3
Operating Voltage	3.3V
Flash Memory	512kB
SRAM	96kB (two banks: 64kB and 32kB)
Clock Speed	84MHz
I/O Total	54
Digital (max)	54
PWM (max)	12
Analog (max)	12 ADC + 2 DAC (12-bit resolution)
DC Current per I/O pins	130mA (I/O pins) 800mA (3.3V pin) 800mA (5V pin)