

# DUE R3 Board SAM3X8E 32-Bit ARM Cortex-M3 Control Board Module

## Product Description

1. Microcontroller: AT91SAM3X8E.
2. Operating Voltage: 3.3V.
3. Recommended Input Voltage: 7-12V.
4. Min-Max Input Voltage: 6-20V.
5. Digital I/O Pins: 54 (of which 12 provide PWM output).
6. Analog Input Pins: 12.
7. Analog Outputs Pins: 2.
8. Total DC Output Current on all I/O lines: 130 mA.
9. DC Current for 3.3V Pin: 800 mA.
10. DC Current for 5V Pin: 800 mA.
11. Flash Memory: 512 KB all available for the user applications.
12. SRAM: 96 KB (two banks: 64KB and 32KB).
13. Clock Speed: 84 MHz.

