

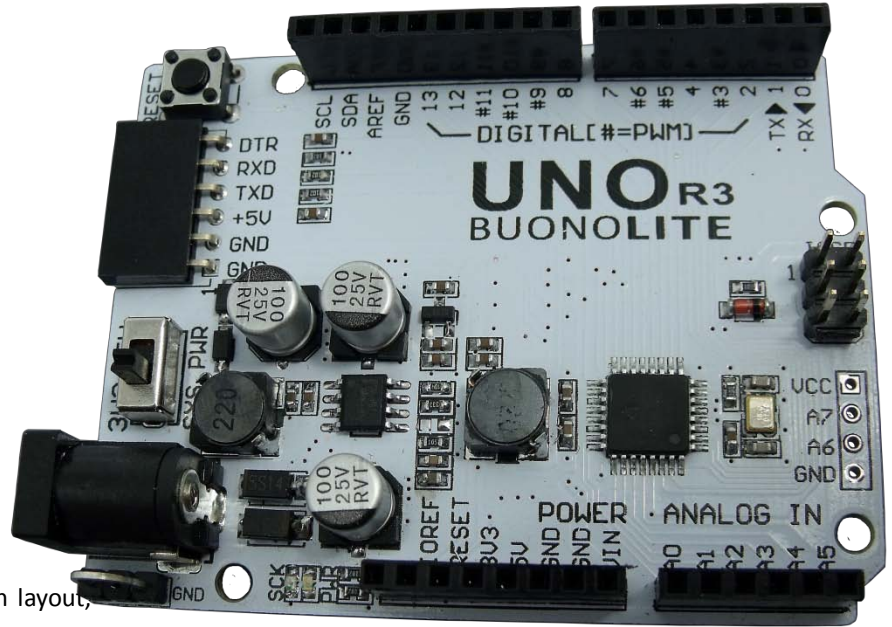
BUONO UNO LITE R3 Datasheet

INTRODUCTION

BUONO UNO can be used to many applications, but not all application need USB communication, so we release the BUONO UNO LITE R3, it's based on BUONO UNO R3 and canceled the USB to UART part, the UNO LITE have a 6Pin connector which can be connected to USB serial light adaptor for uploading firmware and communication, This will help user to reduce cost in the application.

FEATURES

- Inherits all of BUONO UNO R3 features
- Compatible to Arduino UNO/Duemilanove's pin layout, screw hole and dimensions
- 3.3V or 5V operating voltage selectable
- More visible location of indicator LEDs
- Evolved with SMD components
- Digital I/O pins 14 (of which 6 provided PWM output)
- Flash memory 32KB or which 0.5KB used by bootloader
- SRAM 2KB
- EEPROM 1KB
- Clock speed 16MHz
- Micro USB connection make the cable can be mixed use with most digital products such as cell phone
- 5V DC/DC provide 95% efficiency
- 6V to 23V width rang input
- Provide max 1.8A for peripheral circuits
- LC Low pass filter for AVCC make ADC much stable
- Ground terminal make measurement easier



UNO LITE need connect to USB2Serial to upload sketch, if you have no USB2Serial adaptor on hand, please buy together with the UNO LITE.

FEATURES

	Arduino UNO R3	BUONO UNO(LITE) R3
USB Connector	Type B Female	Micro USB connector
Operating Voltage	5V	3.3V or 5V selectable
3.3V Current	50mA	300mA
5V Current	500mA	2A
Input Range	7V to 12V	6V to 23V
MCU	Atmega168 or Atmega328	Atmega328 TQFP-32
Others		Ground terminal LPF for AVCC LITE version available

PACKAGE LIST

1 x BUONO UNO LITE R3

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