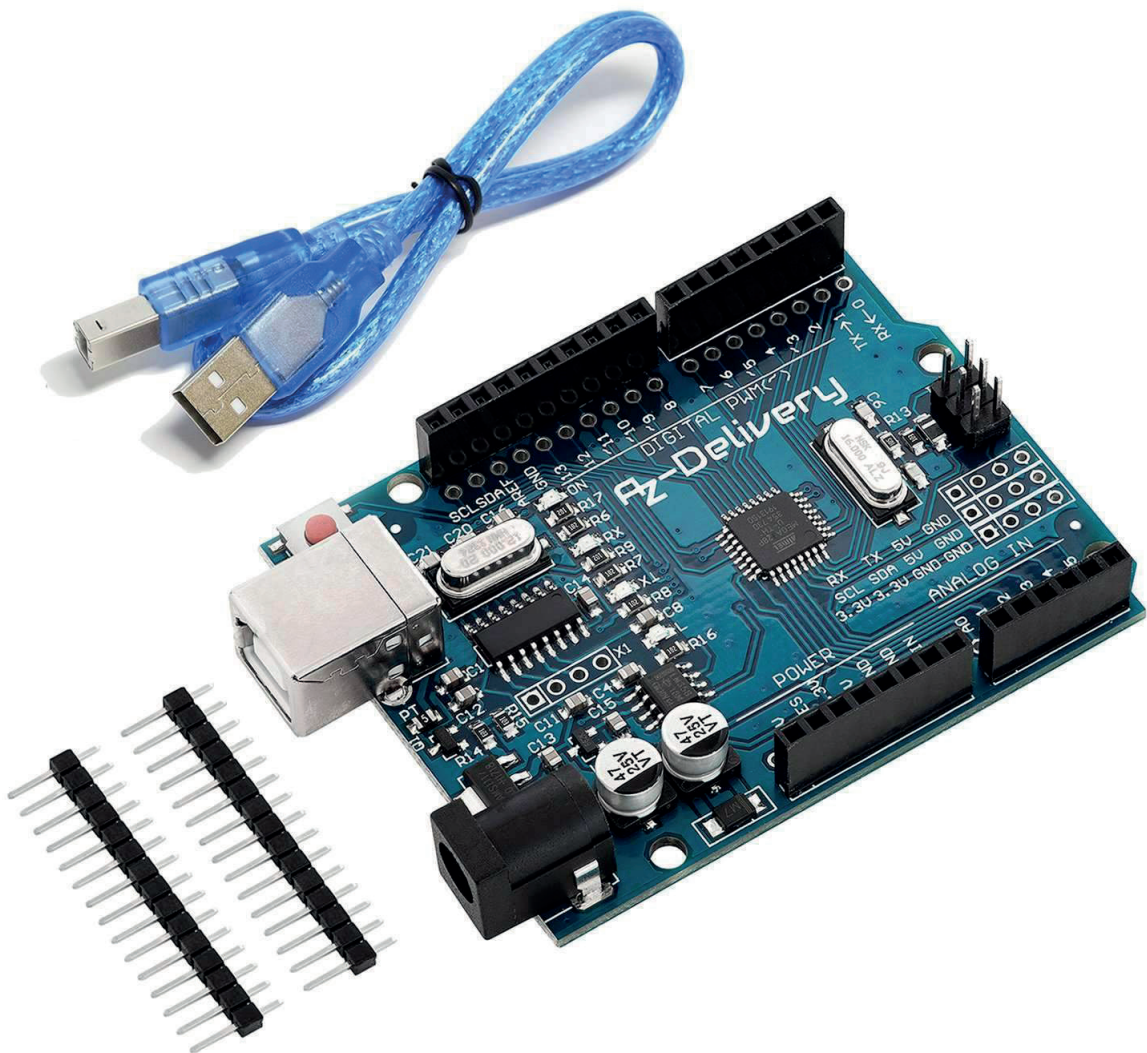


## Mikrocontroller Board mit ATmega328 Datenblatt



**Content:**

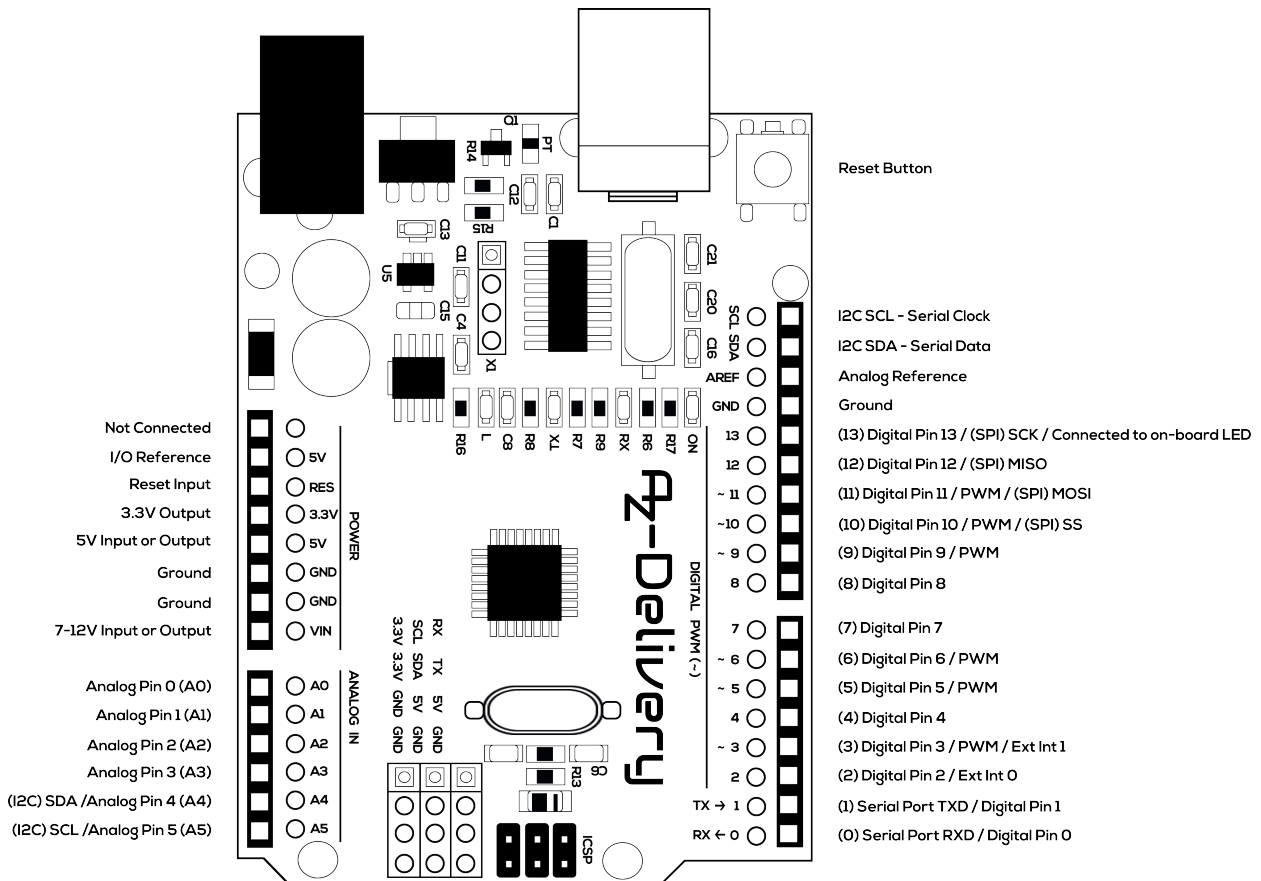
**1. Specifications**

**2. Microcontroller Board Pinout**

## 1. Specifications

<b>Operating Voltage</b>	<b>5V</b>
<b>Input Voltage</b>	<b>7V-12V</b>
<b>Microcontroller</b>	<b>ATMega328P</b>
<b>Digital I/O Pins</b>	<b>14 (6 provide PWM output)</b>
<b>PWM Digital I/O Pins</b>	<b>6</b>
<b>Analog Input Pins</b>	<b>6</b>
<b>DC Current per I/O Pin</b>	<b>20mA</b>
<b>DC Current per 3.3V Pin</b>	<b>50mA</b>
<b>Flash Memory</b>	<b>32kB (0.5kB used by bootloader)</b>
<b>SRAM</b>	<b>2kB (ATMega328P)</b>
<b>EEPROM</b>	<b>1kB (ATMega328P)</b>
<b>Clock Speed</b>	<b>16MHz</b>
<b>Dimensions</b>	<b>70mm x 50mm x 13mm</b>

## 2. Microcontroller Board Pinout



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