Tutorial 2 NodeMCU V2: The Basic

1. Diagram and Pin Outs

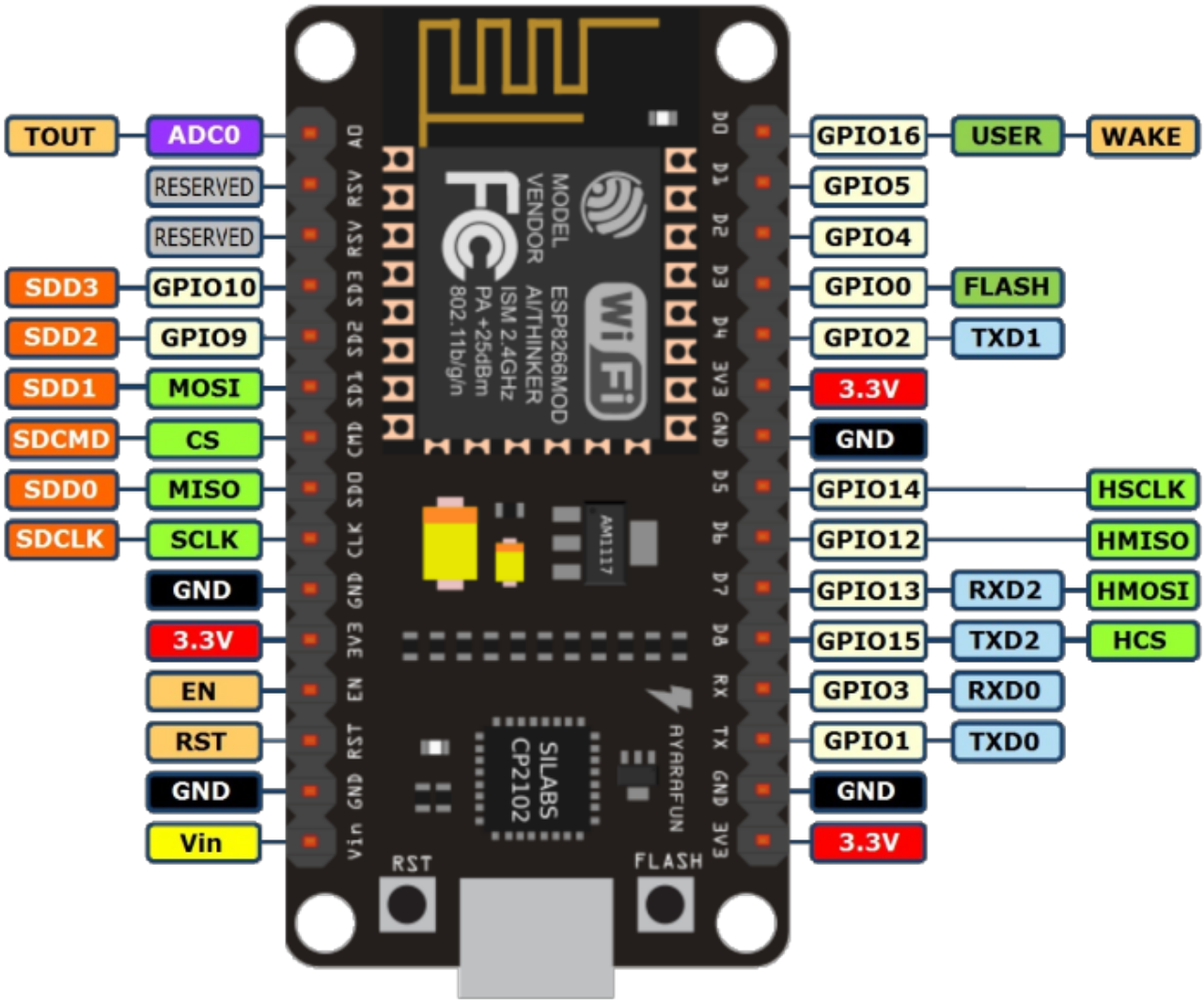

Figure 1.1: NodeMCU

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2. Pin Mapping

Table 1.1: Pin Mapping NodeMCU vs ESP8266

NodeMCU	ESP8266
D0	GPIO16
D1	GPIO5
D2	GPIO4
D3	GPIO0
D4	GPIO2
D5	GPIO14
D6	GPIO12
D7	GPIO13
D8	GPIO15
D9	GPIO3
D10	GPIO1
***LED_BUILTIN = GPIO16	

3. Blink The LED

1.3.1 Blink The LED– Method 1

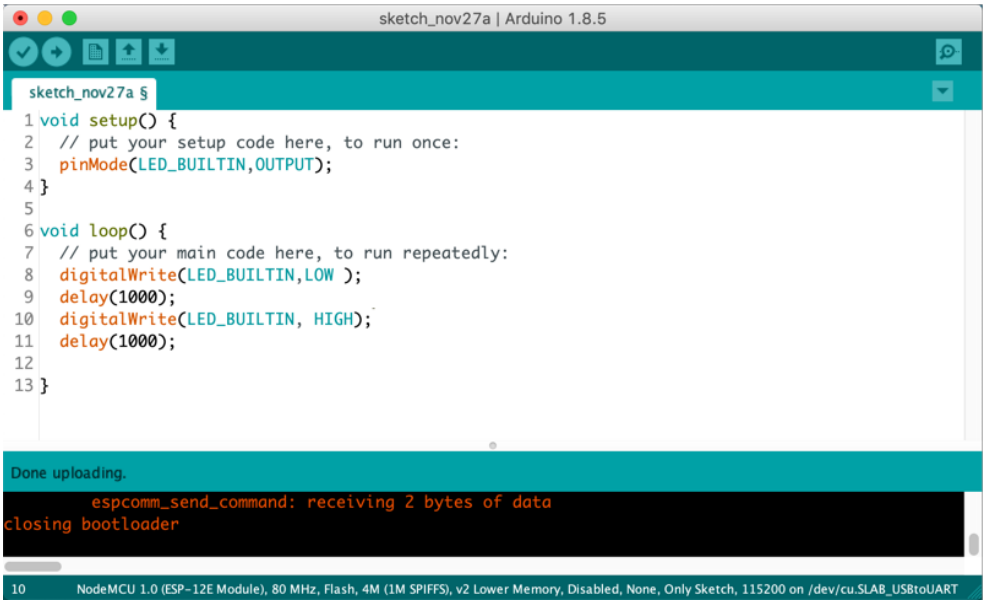

Figure 1.2: How to use LED_BUILTIN

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1.3.1 Blink The LED – Method 2

Change LED_BUILTIN to 16

1.3.2 Blink The LED – Method 3

Change LED_BUILTIN to D0

4. How To Display and Monitor uC Activity?

Figure 1.3: Serial activity

5 Reading From Analog Port

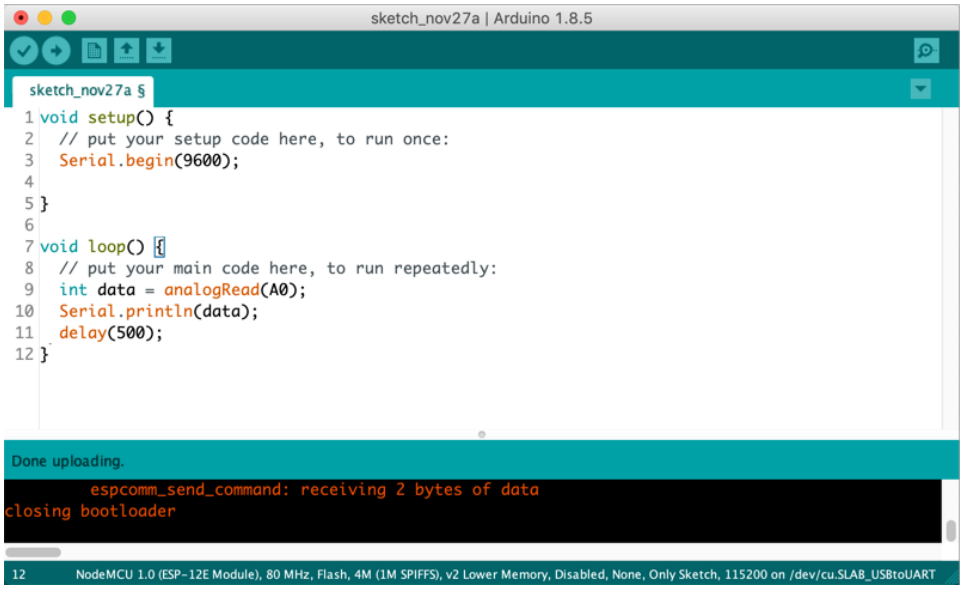

Figure 1.4: Serial activity with analog input

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