

# ATTI NY85 usb mikrokontroller



**Produktkode:** 1100

**Tilgjengelighet:** Opp til 1 mnd leveringstid

**Pris:** kr. 25,00

## Short Description

1/2/5/10PCS Digispark Kickstarter Micro General USB Development Board ATTINY85

## Beskrivelse

Support for the Arduino IDE 1.0+.

Power via USB or External Source - 5v or 7-35v (automatic selection).

On-board 500ma 5V Regulator.

Built-in USB (and serial debugging).

6 I/O Pins (2 are used for USB only if your program actively communicates over USB, otherwise you can use all 6 even if you are programming via USB).

8k Flash Memory (about 6k after bootloader).

I2C and SPI (via USI).

PWM on 3 pins (more possible with Software PWM).

ADC on 4 pins.

Power LED and Test/Status LED (on Pin0).

Package includes:

1/2/5/10PCS Digispark Kickstarter Micro General USB Development Board ATTINY85

## pinout

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LED is on P1 (Model A) or P0 (Model B) ⚠ Some clone digisparks are configured with P5 as reset

1	PB5	PCINT5	ADC0	RESET
3	PB4	PCINT4	ADC2	USB- PWM4
2	PB3	PCINT3	ADC3	USB+
7	PB2	PCINT2	ADC1	SCLK SCL INT0
6	PB1	PCINT1	PWM1	MISO
5	PB0	PCINT0	PWM0	MOSI SDA

6-16V  
GND  
5V

Legend:  
 ■ ATtiny85 Physical Pin  
 □ External Interrupt  
 ■ Change Interrupt  
 ■ Analog Read/Write  
 ■ Port Pin  
 ■ SPI  
 ■ I<sup>2</sup>C  
 P3 (USB+) has a 1.5 kΩ pull-up resistor which is required for USB communication

**Description:**

1. Support for the Arduino IDE 1.0 + (OSX/Windows/Linux).
2. Power via USB or External Source or 7-16 v to 5 v (automatic selection).
3. The On - board, 150 ma 5 v Regulator.
4. Built - in USB and serial was debugging).
5. 6 I/O Pins (2 are informs the for USB only if your program actively communicates over USB, otherwise you can use all 6 even

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