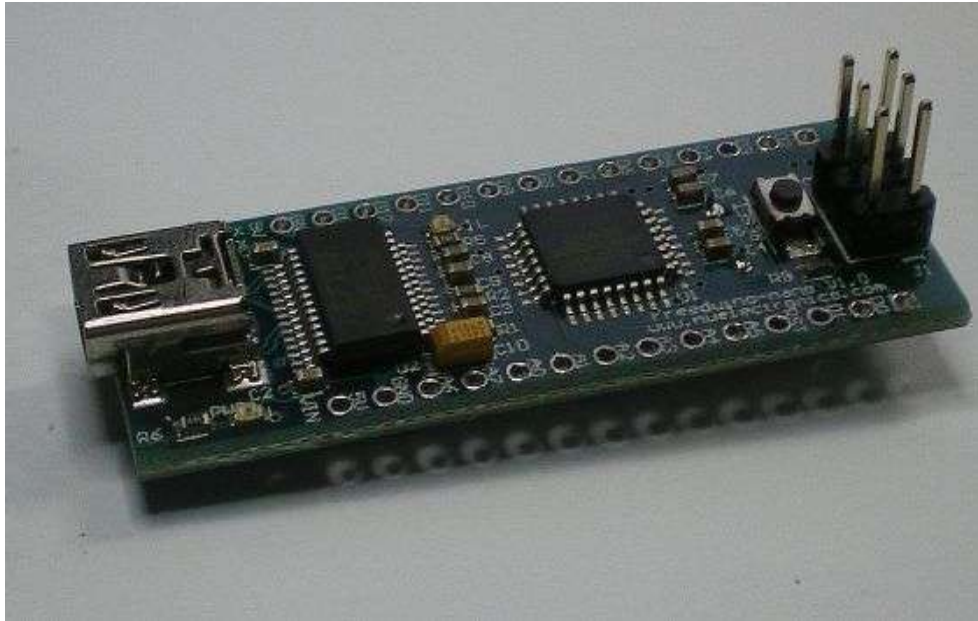


## **Freduino Nano, with ATMEGA328 V1.0**

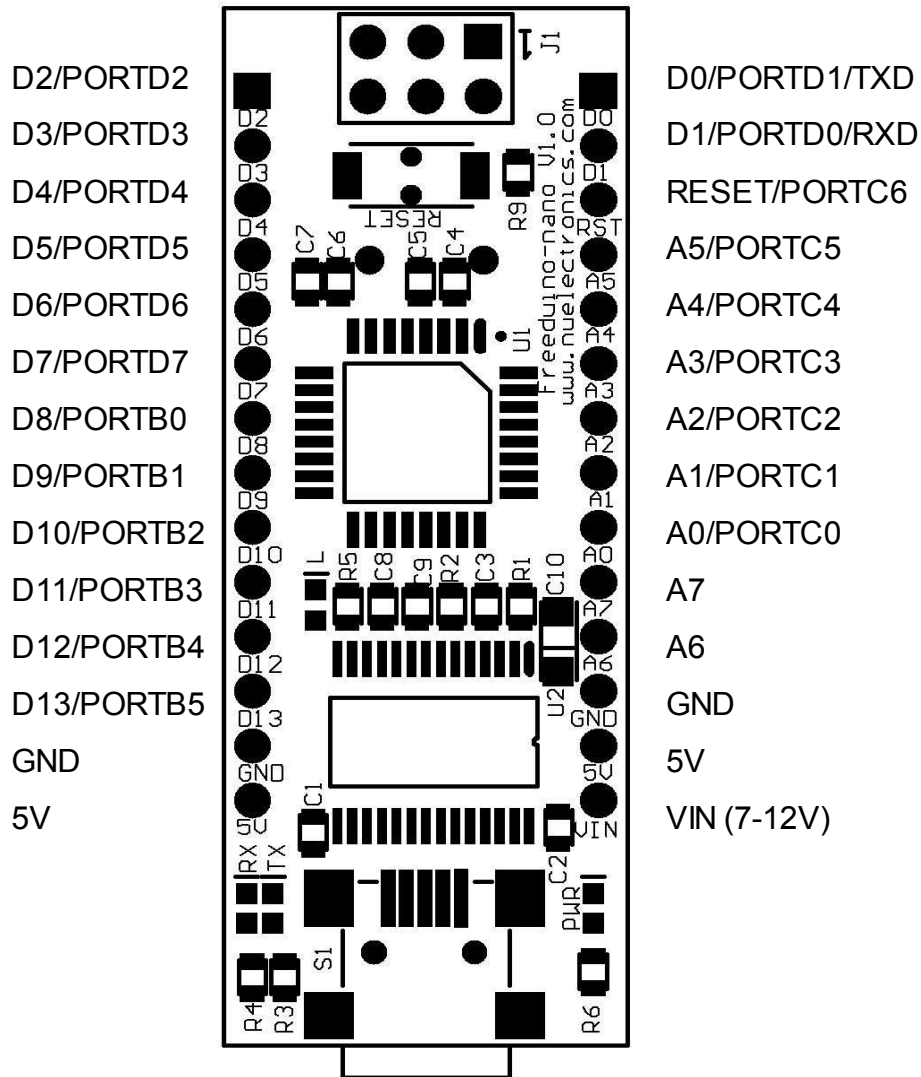
By [www.nuelectronics.com](http://www.nuelectronics.com)



### ***Features -***

- Small size 1.9inch x 0.7 inch (48.2mm x 17.8mm)
- Standard 0.1" pitch, ready to be plugged into prototype board or application board
- Use ATMEGA328P-AU chip, twice RAM/FLASH/EEPROM size of normal Arduino Nano/mini
- With on-board FT232RL chip, 5V LDO regulator
- Can be powered by USB port or Vin pin (7-9V)
- Compatible with latest Arduino IDE 0017, programmed as 'Arduion Duemilanove w/ ATMEGA328' board
- Fully assembled, tested and supplied with male and female headers and USB mini cable

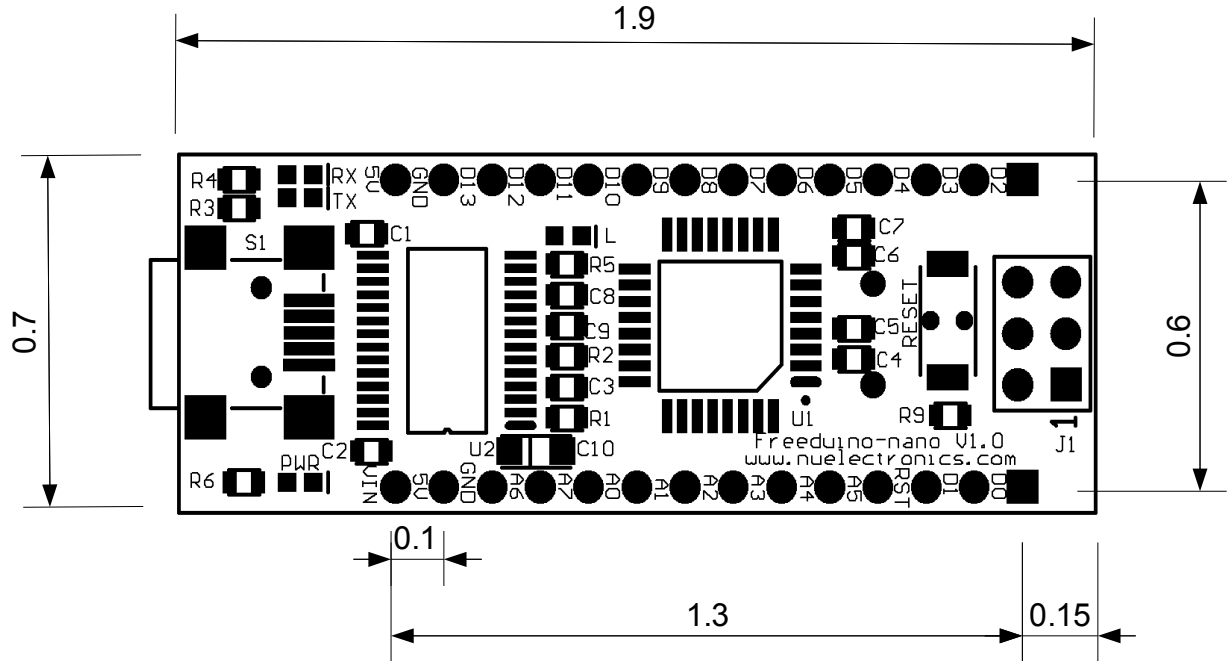
## Signal pinout -



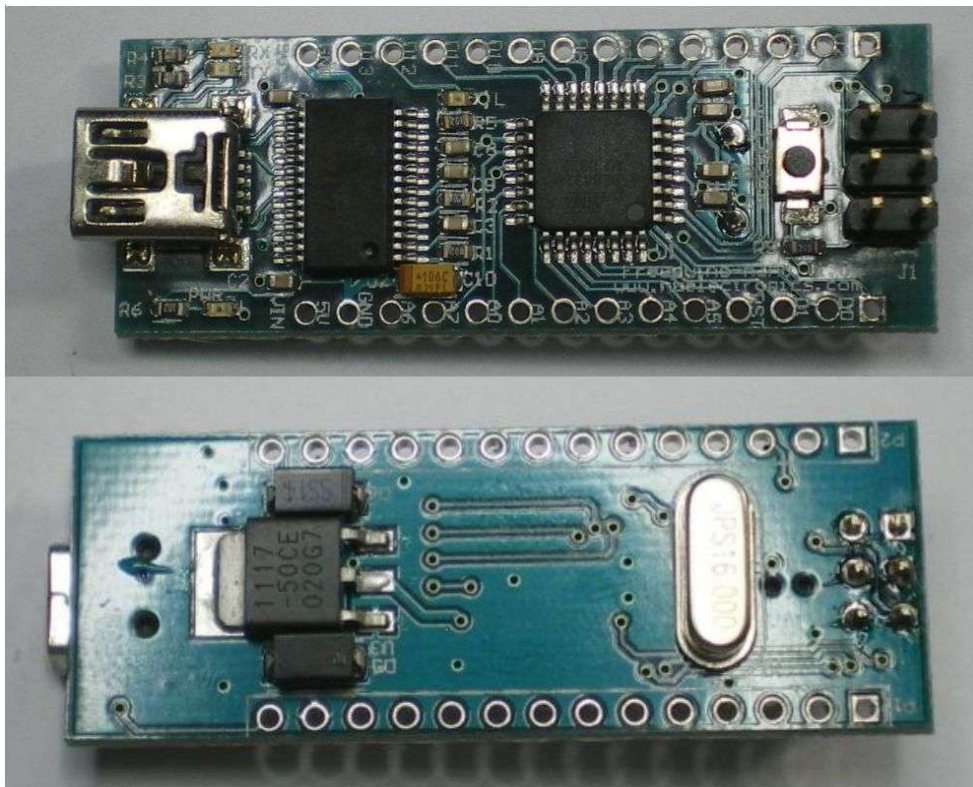
# NUELECTRONICS

## Physical Dimension -

(All dimensions are in inches)



## Freeduino Photos ( top side & bottom side)

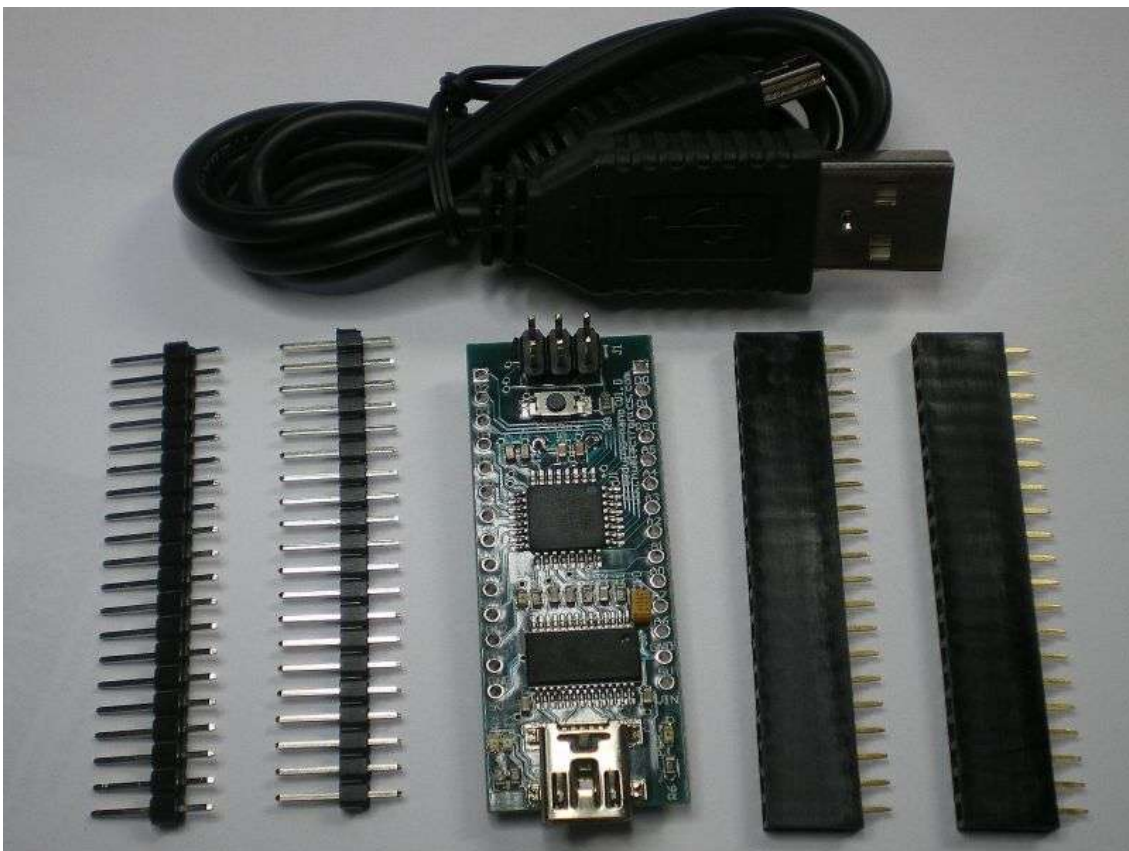


# ***NUELECTRONICS***

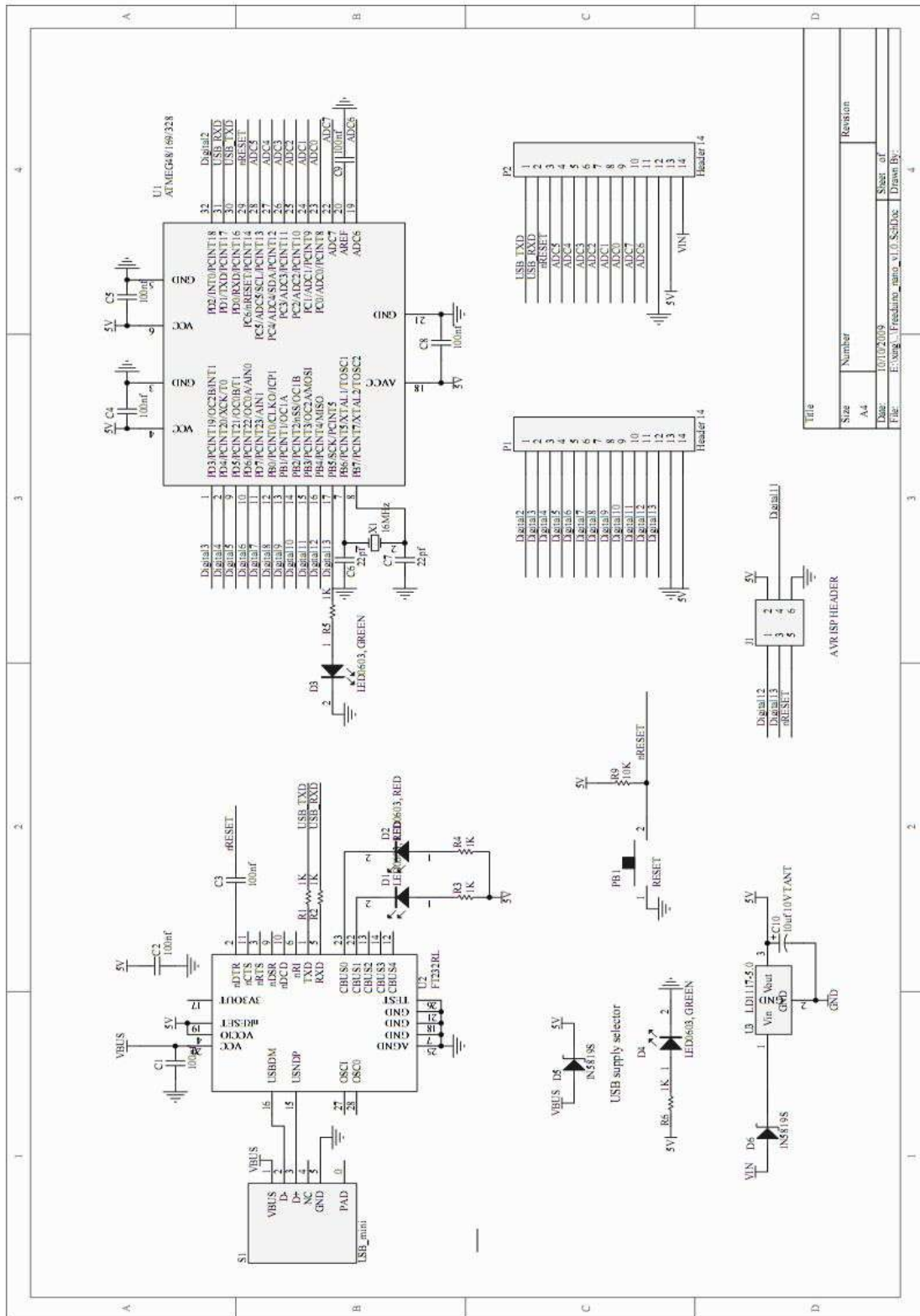
## ***Package contents -***

The freeduino nano v1.0 board supplied with a package include -

- 1x Freeduino nano board, fully assembled & tested
- 2x 20pin 0.1" male connector
- 2x 20pin 0.1" female connector
- 1x USB mini cable



## Schematic (v1.0)-



Title	
Size	Number
A4	
Date	Revision
10/10/2009	
File	Sheet of
E:\Sung...Friedman_nano_v1.0_SchDoc	4
Drawn By:	