Specifications

Megawin Demo Board (Proto)		
Sr No	**Name**	**Description**
1	Board	Megawin MG32F02A128AD48 Arduino compatible
		Cortex M0 core
		Flash Memory: 128 KB
		SRAM: 16 KB (MG32F02A128AD48)
		EEPROM: 1 KB (MG32F02A128AD48)
		Clock Speed: 48 MHz
2	Controller	MG32F02A128AD48
3	Supply	12V input from SMPS or adapter on Screw Terminal
		Operating Voltage: 5V/3.3V selectable by jumper
		On board 3.3V regulator
		USB -B type Female connector for 5V input
4	Digital I/O	Digital I/O Pins: 14 (of which 6 provide PWM output)
5	Analog I/O	Analog Input Pins: 6
6	RS485	RS485 Transceiver on board
7	ISP	Support ISP (In-system program) for application code update. User can load code using Serial to TTL converter or USB port
8	DAP	Debug Access port for debugging the hardware using Megawin M-link or Segger J-Link debugger
9	Module Size	70 mm x 74mm

Features

- Low Cost.
- Megawin Proto has all the features of Arduino + RS485 transceiver on board with 3 pin terminal connector.
- This board can be used for DIY projects or other demo purpose.
- All Arduino shields can be used with this board.
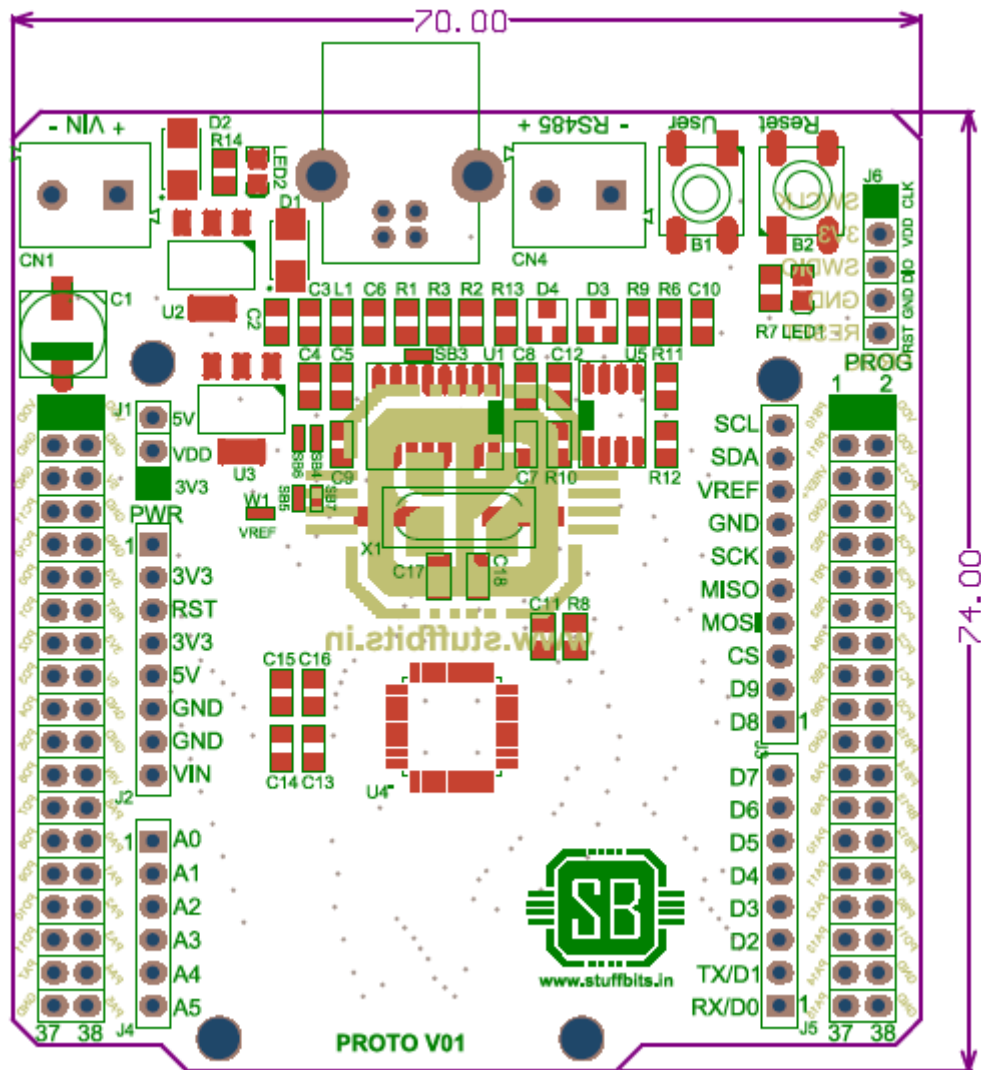- Example on Instructables for beginners.

Product Images

Figure 1: Megawin Proto Top View

Figure 2: Megawin Proto Bottom View

Module Dimensions

3: All Dimensions in mm