



Arduino Yun Mini



Overview

Arduino Yun Mini is a breadboard PCB developed with ATmega 32u4 MCU and QCA MIPS 24K SoC CPU operating up to 400 MHz. Qualcomm Atheros CPU supports a Linux distribution based on OpenWRT named Linino. The board has built-in WiFi (IEEE 802.11b/g/n operations up to 150Mbps 1x1 2.4 GHz) supports 20 digital input/output pins (of which 7 can be used as PWM outputs and 12 as analog inputs), a 16 MHz crystal oscillator, a micro USB connector, an ICSP header, two reset buttons and one user button.

Description

AVR Microcontroller

Microcontroller	ATmega32u4
Operating voltage	5V
Input voltage	5V
Digital I/O pins	20
PWM channels	7
Analog input channels	12
DC current per I/O pin	40 mA
DC current for 3.3V pin	50 mA
Flash memory	32 KB
SRAM	2.5 KB
EEPROM	1 KB
Clock speed	16 MHz

Linux Processor

Processor	Atheros AR9331, MIPS 24K processor operating at up to 400 MHz
WiFi	IEEE 802.11b/g/n
RAM	64 MB DDR2
Flash memory	16 MB
Operating voltage	3.3V typ.380mA (113~570 mA)
Input voltage (micro USB)	4.75~5.25 V/1A
Temperature	Operating: 0°~60° C Storage: -10°~60° C

Option

dogRJ45	IEEE 802.3 fast ethernet switch 10/100 Mbps fast ethernet port
dogUSB	USB A type connector with USB 2.0 hub Micro SD connector with card reader

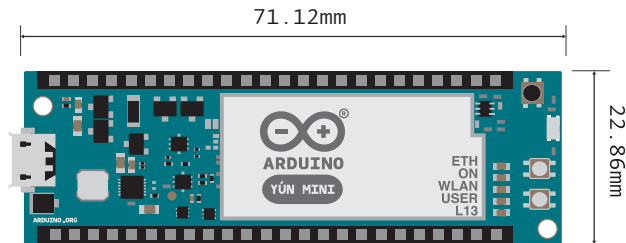


Arduino Yun Mini



Dimension

Scale 1:1



Diagram

