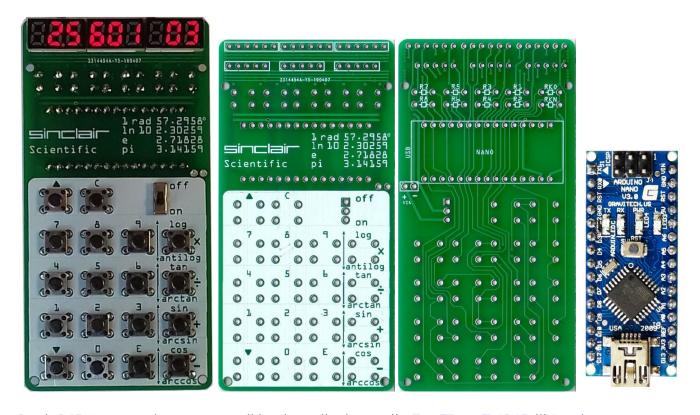
Sinclair Scientific Calculator Emulator

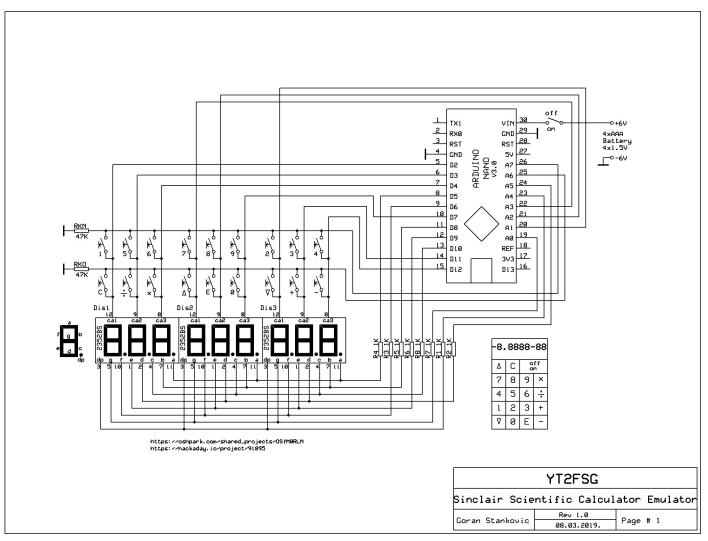
Na web stranici <u>Sinclair Scientific Calculator Emulator V5 - r6 - RC1</u> ili na <u>Hackaday: Sinclair Scientific Calculator Emulator</u> opisana je izrada sa dokumentacijom ovog kalkulator emulatora sa <u>ARDUINO NANO V3.0</u> modulom. Za napajanje koristi se napon 6V (4 x AAA baterija 1.5V).



Izradu PCB štampane ploče možete uraditi preko on-line kompanija: EasyEDA - JLCPCB ili Seeed

Električna šema, Sinclair Scientific Calculator Emulator:

1 of 7



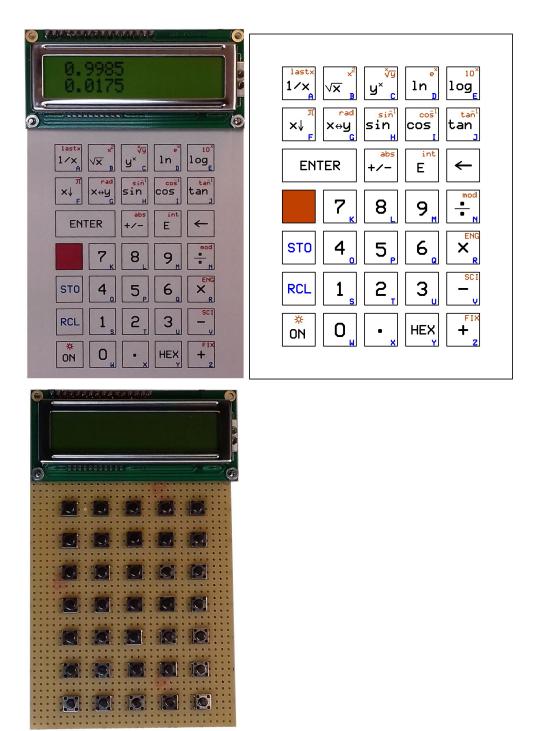
Download File: Lista materijala za Sinclair Scientific Calculator Emulator

Download Software za ARDUINO: Download the Arduino IDE

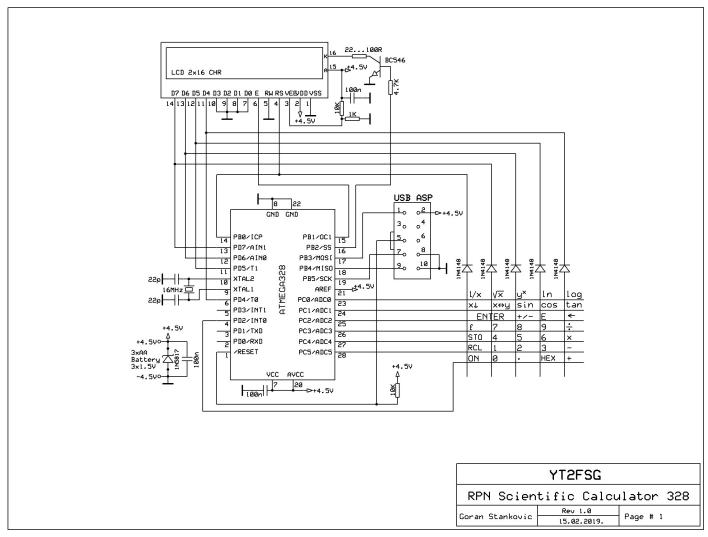
RPN Scientific Calculator 328

Na web stranici <u>Easy Calc 64-bit floating point RPN calculator for arduino</u> dat je software bez električna šeme ovog kalkulator emulatora sa mikrokontrolerom ATmega328P.

Za napajanje koristi se napon 4.5V (3 x AA baterija 1.5V).



Električna šema, RPN Scientific Calculator 328:

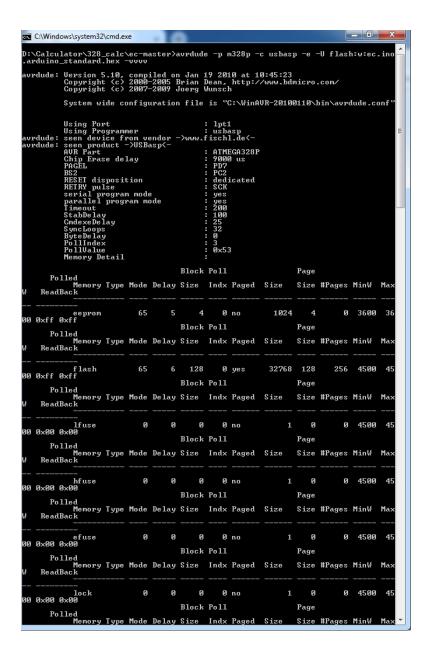


Download File: Lista materijala za RPN Scientific Calculator 328

Software je dužine 32KB, koristi se mikrokontroler ATmega328P bez bootloadera.

Programira se pomoću <u>USB ASP V2.0</u> (USB ISP) programatora i <u>AVRDUDE - AVR Downloader/UploaDEr</u>



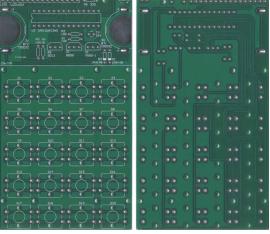


```
: usbasp
: USBasp, http://www.fischl.de/usbasp/
      AVR device initialized and ready to accept instructions
      reading input file "ec.ino.arduino_standard.hex" input file ec.ino.arduino_standard.hex auto detected as Intel Hex writing flash (32102 bytes):
```

DIY Kit Calculator

Na web stranici <u>DIYleyuan: Calculator Installation & Instructions</u> dato je detaljno upustvo za samogradnju ovog kalkulatora za elektroničare entuzijaste.





Plavi LCD displej i PCB ploča smešteni su u akrilno prozirno kućište. Za napajanje koristi se napon 6V (2 x CR2032 baterija 3V).

Funkcije:

Osnovne računske operacije (+, -, *, /) sa decimalnom tačkom. Računa vrednost otpornika na osnovu boja sa 4 ili 5 prstena. Računa vrednost otpornika za ograničenje struje LED diode. Konverzija broja DEC -> HEX i HEX -> DEC.

Link:

- Sinclair Scientific
- Reversing Sinclair's amazing 1974 calculator hack
- Hackaday: Sinclair Scientific
- Sinclair Scientific Calculator Emulator V5 r6 RC1
- Sinclair Scientific Calculator Emulator
- ARDUINO NANO V3.0
- Easy Calc 64-bit floating point RPN calculator for arduino
- AVRDUDE AVR Downloader/UploaDEr
- USB ASP V2.0 (USB ISP) programatora
- Download the Arduino IDE
- DIYleyuan: Calculator Installation & Instructions
- en.wikipedia.org/wiki/TI-59 / TI-58
- en.wikipedia.org/wiki/HP-41C
- en.wikipedia.org/wiki/HP 39/40 series
- www.ti59.com/
- www.hpmuseum.org
- www.hpmuseum.org/prog/hp41prog.htm
- www.hpcalc.org
- www.hpcalc.org/hp39/

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