(TBD coming soon!)

Components

wire

resistor

capacitor

buzzer

inductor

capacitor

diode

LED

PNP transistor

NPN transistor

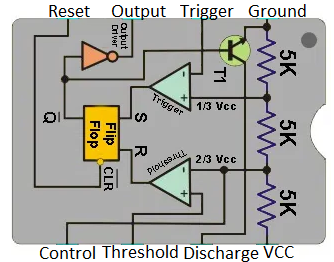
battery

NE555 IC

LM358 IC

gnd

vcc



Circuits.

Volts, ohms, and amps.

multimeter

scope

What is a resistor?

What is a capacitor?

What is an inductor?

What is a diode?

What is a transistor?

What are oscillations?

Building a dc-to-dc using diode ladder

What is an operational amplifier?

What is a 555 Timer IC?

Condenser microphone

Can we record audio in deep-dive mode? Using ram at dim ram[8192] at address 0x80014000

Audio amplifier

Counters

Shift-registers

ALU

SPI, LED strips

I2C, displays, etc.

Microcontrollers (BASIC)

Microcontrollers (C)