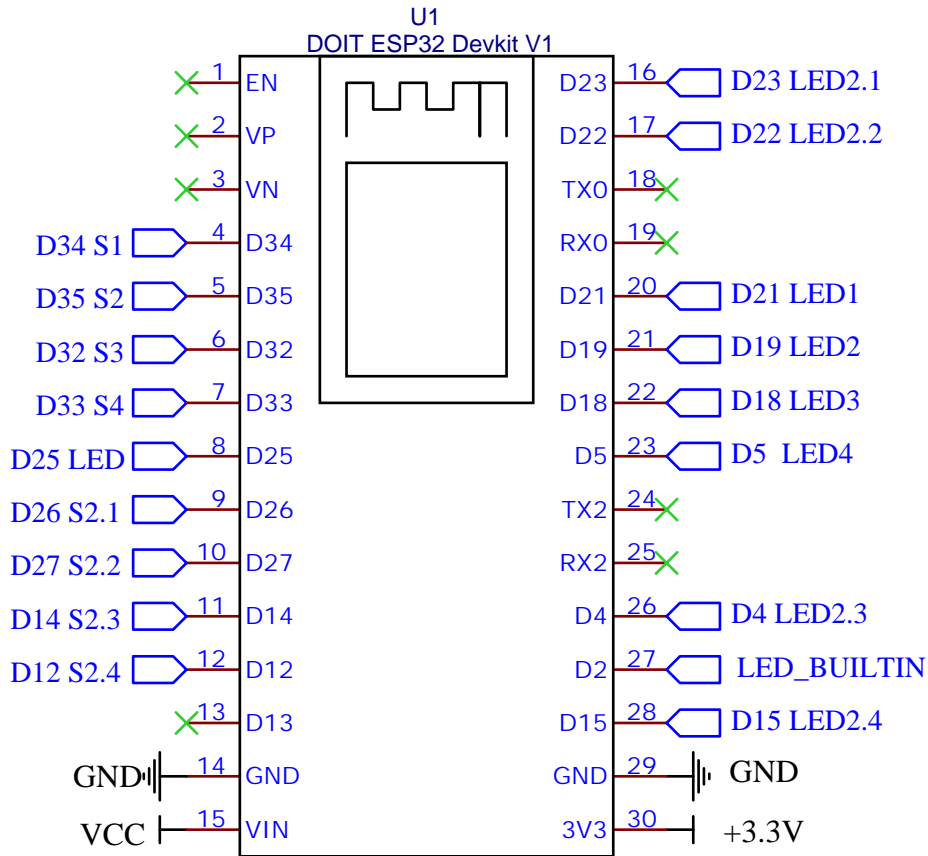
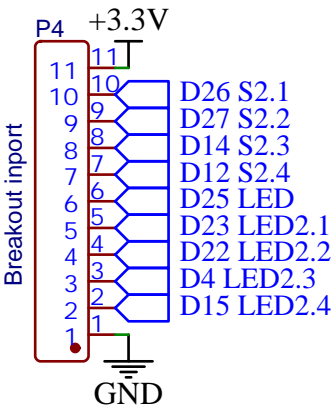
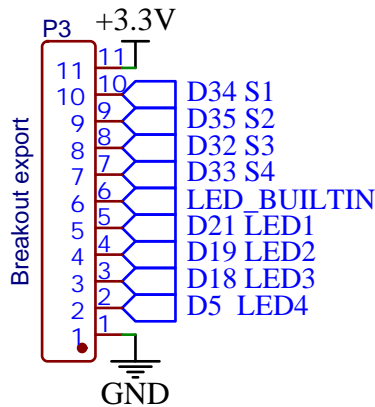
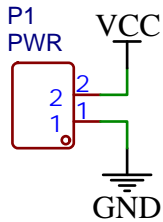


Add Teardrops!



power in (5V)



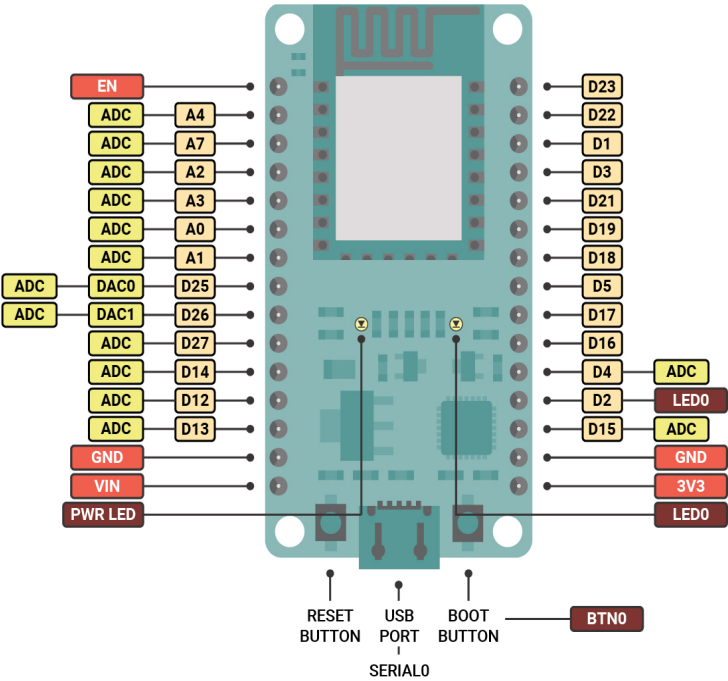
GPIOs 34 to 39 are GPIs –input only pins.
These pins don ' t have internal pull-ups
or pull-down resistors.

DO NOT USE D6 TO D11

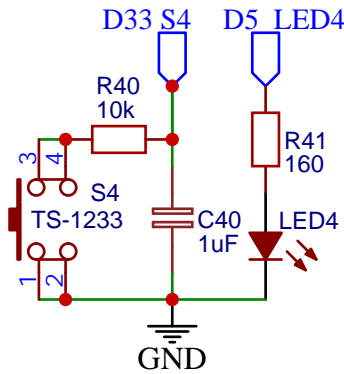
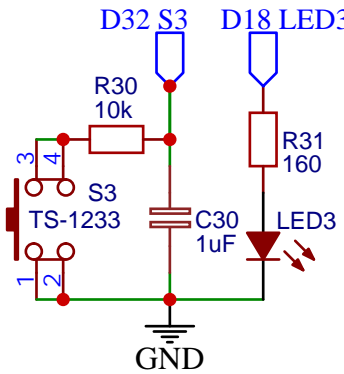
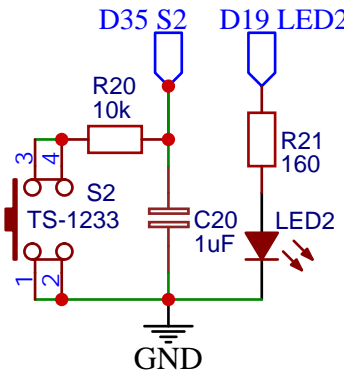
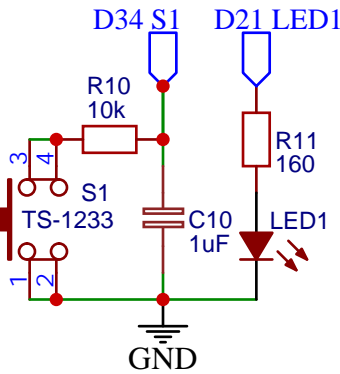
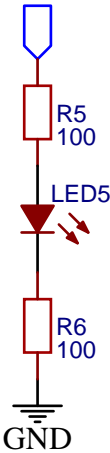
PWM IS ENABLED ON EVERY DIGITAL PIN

ICU NOT SUPPORTED

ADC ON PINS D4, D12, D13, D14, D15, D25, D26, D27
CAN BE READ ONLY WITH WI-FI NOT STARTED



LED_BUILTIN



R#0 Current limiting resistor
R#1 Current limiting resistor LED
C#0 De-bounce capacitor
(Internal pullup is used!)

$$V_{led} = ((5V/0.02A) - R_x) * 0.02A \text{ (must be 1.8V-2V)}$$

TITLE: Smart home switch		REV: 1.3
EasyEDA	Company: JelleWho	Sheet: 1/1
	Date: 2021-04-09	Drawn By: JelleWho