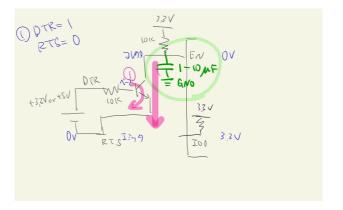
[ESP32] Understanding the automatic boot loader mechanism and truth table





Medium a sass



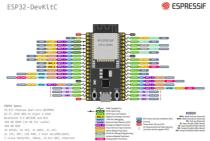


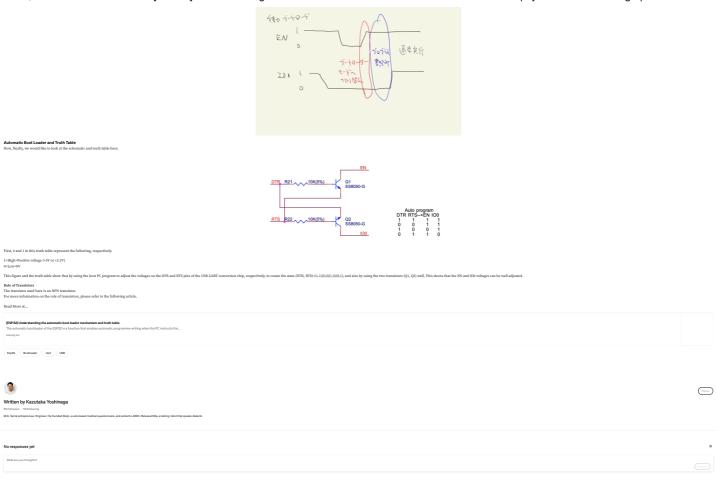
- nunication is established, when the PC wants to send program data, it sets RTS High to signal ":
- 6. When the ESP32 buffer is full, CTS is set Low to notify "reception p
- 8. When the ESP32 buffer is free, CTS is again set High to notify "resump

## EN pin and IOO pin of ESP32 EN pin: Button for restart, abbreviation of En

- High: Normal operating mode. When the EN pin goes High, the ESP32 recovers from reset and starts norm
   Low: The ESP32 enters a reset state. When the EN pin goes Low, ESP32 experiences a hard reset and all ope
- Press when the program is re-run or behavior becomes unstable.
- IO0 (Input/Output 0) pin
- Low: Boot loader mode (also called flash mode), enters a special mode to write a new progra
   It has a pull-up resistor built in, so it is normally High.







## [Protobuf] How Varint encoding works and the importance of field numbers

