

Announcements

1. Parts are **still** on the way
2. Zoom office hours schedule has changed
 - (a) Zoom video student hours, 9:00a-10:00a EDT, TR, Meeting ID: 118 905 682
 - (b) Zoom video student hours, 11:00a-noon EDT, MWF, Meeting ID: 767 906 797
3. Reading:
 - (a) Using the Protocol Analyzer on the Analog Discovery 2
 - (b) ESP8266 AT Instruction Set
 - (c) ESP8266 AT Command Examples

Serial Communications with ESP-01 Module

- Connect VCC and GND on ESP to 3V and GND on Feather
- Connect CH_UP to VCC
- Use pullup resistor on RST, GPIO0

Using AD2 for Serial Comms

Important AD2 settings

- Baud rate: 115.2k
- Ending: CRLF
- TX Echo: On
- Mode: Send & Receive
- Receive: Run

Important AT Commands

- AT+RST Reset the ESP-01
- AT+CWMODE=1 Set WiFi mode to client
- AT+CIPMUX=1 Configure for multiple connections
- AT+CWJAP="SSID", "PASSWORD" Connect to access point