Booting wifi-enabled linux on ESP32s3

Script that builds and flashes everything:
https://gist.githubusercontent.com/jcmvbkbc/316e6da728021c8ff670a24e674a35e6/raw/c018a7c287051e15288dca01c6980480d13d7b20/rebuild-esp32s3-linux-wifi.sh

What can be done after booting:

Joining open network

```
# ip link set espsta0 up
# iw dev espsta0 connect <ssid>
# udhcpc -i espsta0
```

Joining WPA2 network

```
# ip link set espsta0 up
# cat > /tmp/ws.conf <<EOF
network={
        ssid="ssid-name"
        psk="password"
}
EOF
# wpa_supplicant -i espsta0 -c /tmp/ws.conf &
# udhcpc -i espsta0
```

Alternatively conf file may be generated with the wpa_passphrase program.

From:
http://wiki.osll.ru/ - **Open Source & Linux Lab**

Permanent link:
http://wiki.osll.ru/doku.php/etc:users:jcmvbkbc:linux-xtensa:esp32s3wifi?rev=1689132863

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