ProofSnap

Digital Evidence

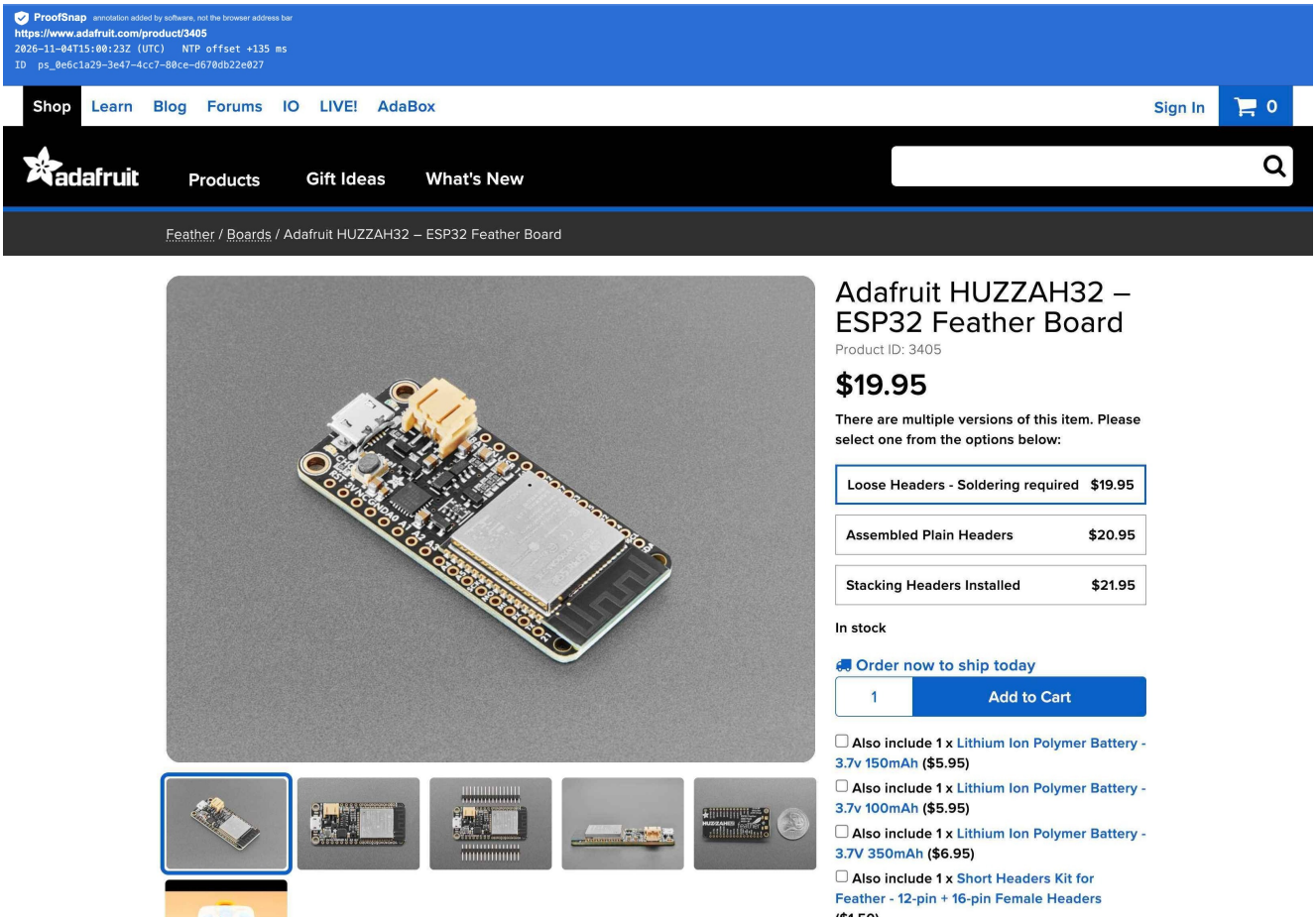
Domain:	www.adafruit.com
Time:	2026-11-04T15:00:23Z (UTC)
User:	dOExb6dsycZhJdewGiFyjdDZRCm1 (5.31.155.50)
Hash:	page.html · SHA-256: 3753fcbd2165ea9b0ff284b9c40cef1fc44c1a8c43d63156b8b9567e8aadaa72
eIDAS:	Requested; applied if manifest.json.tsr and eidas_validation.json are present in this package

1. Page Screenshot:

Below is a visual capture of the web page at the time of snapshot.

Screenshot file: screenshot.jpeg

The blue band at the top of this image is an annotation added by ProofSnap software, not a capture of the browser address bar. It restates the captured page URL, the UTC capture time and the evidence ID recorded elsewhere in this package. The annotation was applied before the image was hashed and signed, so the hash in manifest.json is the hash of the annotated image, and the hash of the original un-annotated screenshot is in forensic_log.json. The page content below the band is unmodified. The band corroborates the capture; the accuracy of the capture time is established by the signed manifest and, where present, the qualified electronic timestamp, not by the printed value itself.



($1.50)

- [ ] **Also include 1 x** Stacking Headers for Feather - 12-pin and 16-pin female headers **($1.25)**
- [ ] **Also include 1 x** Header Kit for Feather - 12-pin and 16-pin Female Header Set **($0.95)**
- [ ] **Also include 1 x** Adafruit IO+ Subscription Pass – One Year **($99.00)**
- [ ] **Also include 1 x** Lithium Ion Polymer Battery with Short Cable - 3.7V 350mAh **($5.95)**
- [ ] **Also include 1 x** Lithium Ion Polymer Battery Ideal For Feathers - 3.7V 400mAh **($6.95)**

Qty	Discount
1-9	$19.95
10-99	$17.96
100+	$15.96

Add to Wishlist

Description

Technical Details

Description

Aww yeah, it's the Feather you have been waiting for! The **HUZZAH32** is our ESP32-based Feather, made with the official WROOM32 module. We packed everything you love about Feathers: built in USB-to-Serial converter, automatic bootloader reset, Lithium Ion/Polymer charger, and just about all of the GPIOs brought out so you can use it with any of our Feather Wings. We have other boards in the Feather family, check'em out here.

That module nestled in at the end of this Feather contains a dual-core ESP32 chip, 4 MB of SPI Flash, tuned antenna, and all the passives you need to take advantage of this powerful new processor. The ESP32 has both WiFi *and* Bluetooth® Classic/LE support. That means it's perfect for just about any wireless or Internet-connected project.

Because it's part of our Feather eco-system, you can take advantage of the 50+ Wings that we've designed to add all sorts of cool accessories.

The ESP32 is a perfect upgrade from the ESP8266 that has been so popular. In comparison, the ESP32 has way more GPIO, plenty of analog inputs, two analog outputs, multiple extra peripherals (like a spare UART), two cores so you don't have to yield to the WiFi manager, much higher-speed processor, etc. etc! We think that as the ESP32 gets traction, we'll see more people move to this chip exclusively, as it is so full-featured.

Please note: The ESP32 is still targeted to developers. Not all of the peripherals are fully documented with example code, and there are some bugs still being found and fixed. We got all of our Featherwings working under Arduino IDE, so you can expect things like I2C and SPI and analog reads to work. But other elements are still under development. For that reason, we recommend this Feather for makers who have some experience with microcontroller programming, and not as a first dev board.

Here are specifications from Espressif about the ESP32:

- 240 MHz dual core Tensilica LX6 microcontroller with 600 DMIPS
- Integrated 520 KB SRAM
- Integrated 802.11b/g/n HT40 Wi-Fi transceiver, baseband, stack and LWIP
- Integrated dual mode Bluetooth® (classic and BLE)
- 4 MByte flash include in the WROOM32 module
- On-board PCB antenna
- Ultra-low noise analog amplifier
- Hall sensor
- 10x capacitive touch interface
- 32 kHz crystal oscillator
- 3 x UARTs (only two are configured by default in the Feather Arduino IDE support, one UART is used for bootloading/debug)
- 3 x SPI (only one is configured by default in the Feather Arduino IDE support)
- 2 x I2C (only one is configured by default in the Feather Arduino IDE support)
- 12 x ADC input channels
- 2 x I2S Audio
- 2 x DAC
- PWM/timer input/output available on every GPIO pin
- OpenOCD debug interface with 32 kB TRAX buffer
- SDIO controller/peripheral 50 MHz
- SD-card interface support

Comes fully assembled and tested, with a USB interface that lets you quickly use it with the Arduino IDE or the low-level ESP32 IDF. We also toss in some header so you can solder it in and plug into a solderless breadboard. **Lipoly battery and USB cable not included** (but we do have lots of options in the shop if you'd like!)

Check out the Adafruit learn guide for documentation, pinouts, schematics, Fritzing objects, Arduino setup, and more!



Technical Details

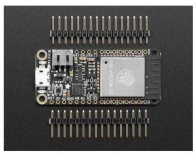
Revision History:

- **As of August 9, 2024** – We've updated this PCB with Adafruit Pinguin to make a lovely and legible silkscreen. We've also tweaked the USB-serial schematic to be better for low power usage, functionality is not affected
- **As of June 21, 2017** - we are now shipping with the Rev 1 silicon hardware inside the ESP32 module.

Product Dimensions: 51.0mm x 22.7mm x 7.3mm / 2.0" x 0.9" x 0.3"

Product Weight: 6.8g / 0.2oz

Learn



Primary Guide: Adafruit HUZZAH32 - ESP32 Feather
WiFi, Bluetooth, peripherals galore!



Introducing Adafruit Feather
Boards of a Feather flock together!



All the Internet of Things - Episode Two: Protocols
Protocols



Adding a WiFi Co-Processor to CircuitPython
Surf the 'net with Blinka!

See All Guides

May We Also Suggest...



Adafruit Feather HUZZAH with ESP8266 - Loose Headers



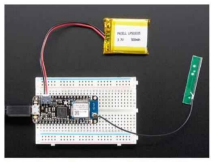
Assembled Adafruit Feather HUZZAH with ESP8266 With Headers



Assembled Feather HUZZAH w/ ESP8266 WiFi With Stacking Headers



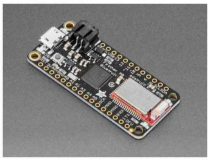
Adafruit Feather M0 WiFi - ATSAMD21 + ATWINC1500



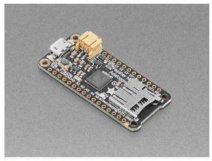
Adafruit Feather M0 WiFi with uFL - ATSAMD21 + ATWINC1500



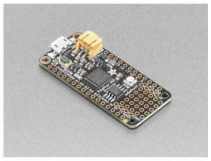
Huzzah! Adafruit.io Internet of Things Feather ESP8266 - WiFi Starter Kit - WiFi Starter Kit



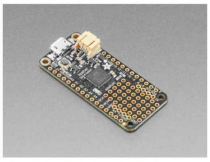
Adafruit Feather M0 Bluefruit LE



Adafruit Feather M0 Adalogger



Adafruit Feather M0 Express - ATSAMD21 Cortex M0 - ATSAMD21 Cortex M0



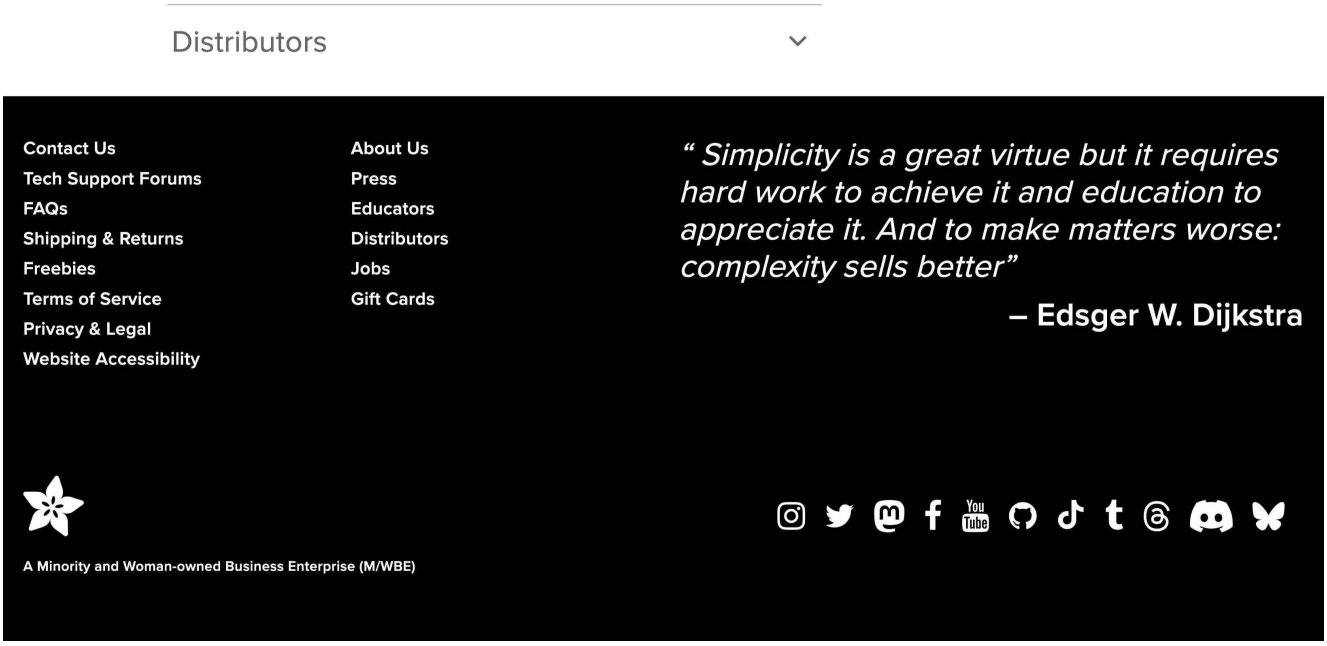
Adafruit Feather 32u4 Basic Proto



Adafruit Feather M0 Basic Proto - ATSAMD21 Cortex M0



USB cable - USB A to Micro-B - 3 foot long - 3 foot long



End of Page Screenshot Section. Note: the image reproduced above may have been shortened to keep this document to a workable size. The screenshot as it was recorded is the file screenshot.jpeg in this evidence package, and that file is what the hash values and the signature cover.

Evidence Verification

This is verifiable digital evidence. ProofSnap captured the page below at the stated time; any later modification is detectable. Its authenticity can be verified independently.

Source URL: https://www.adafruit.com/product/3405

Time: 2026-11-04T15:00:23Z (UTC)

What was verified

• The content is unchanged since capture: protected by a SHA-256 cryptographic hash; any modification is detectable.
• The package is protected against substitution by an RSA-4096 digital signature: any modification after signing is detectable.

The paragraphs below describe technical properties, not a legal opinion. ProofSnap does not give legal advice and does not determine before which court or tribunal this record will be produced.

Legal basis: these cryptographic properties (SHA-256 hash, digital signature, independent timestamp and chain of custody) are designed to support the authentication of electronic records. Admissibility is determined by the competent court under the applicable rules of evidence.

Where this package contains a qualified electronic timestamp (manifest.json.tsr and eidas_validation.json) issued by a qualified trust service provider on the EU Trusted List, and where the law of an EU or EEA State applies, Article 41(2) of Regulation (EU) No 910/2014 provides for a presumption as to the accuracy of the date and time indicated. That presumption concerns the date and time only; no presumption as to the authenticity of this package is claimed. Before a court outside the EU and the EEA the provision does not apply of its own force.

This summary verifies the technical integrity of the capture; it does not assess the truth of the page's content.

Independent verification: no trust in ProofSnap or in any party to the dispute is required. Submit the ZIP file to the open-source verifier:
Verify online: getproofsnap.com/verify/index.html

2. Evidence Identification

Evidence ID: ps_0e6c1a29-3e47-4cc7-80ce-d670db22e027

Source URL: https://www.adafruit.com/product/3405

Page Title: Adafruit HUZZAH32 – ESP32 Feather Board : Adafruit Industries, Unique & fun DIY electronics and kits

Timestamp (UTC): 2026-11-04T15:00:23Z (UTC)

Case / Matter: SAMPLE-TM-2026-001

Examiner: ProofSnap sample capture

Note: Sample capture for illustration: third-party use page. No dispute with the site owner.

Standard: ISO/IEC 27037:2012

Page HTML Hash (SHA-256): 3753fcbd2165ea9b0ff284b9c40cef1fc44c1a8c43d63156b8b9567e8aadaa72

3. Time Verification

NTP Timestamp (UTC): 2026-11-04T15:00:23Z (UTC)

NTP sync time (UTC): 2026-11-04T15:00:17Z (UTC)

NTP Source: NTP:time.google.com

Time Offset: 135 ms

NTP Latency: 337 ms

Cross-Verification: verified (3 of 3 sources agreed, max diff 357 ms)

NTP Source Details

NTP:time.google.com: 135 ms offset, 337 ms latency

Google-Date-Header: -222 ms offset, 1087 ms latency

Cloudflare-Date-Header: -222 ms offset, 1086 ms latency

Referrer: Direct navigation (no referrer)

User Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_7) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/154.0.0.0 Safari/537.36

Operating System: MacOS

Custodian ID: dOExb6dsycZhJdewGiFyjdDZRCm1

Pseudonymous identifier of the ProofSnap account that performed the capture. The account email address is not printed in this package; its SHA-256 hash is recorded in chain_of_custody.json, so the custodian can be identified on request.

IP Address: 5.31.155.50

Browser: Chrome

Timezone: Asia/Dubai

Session Cookies:

• cart_count: 0
• _gcl_au: 1.1.1477308180.1793804338
• _ga: GA1.1.1391785966.1793804338
• _ga_DRGH4QPNZS: GS2.1.s1793804338$o1$g0$t1793804340$j58$l0$h0

Local Storage:

• lastExternalReferrer: empty
• _gcl_ls: {"schema":"gcl","version":1,"gcl_ctr":{"value":{"v [truncated at 50 characters]
• lastExternalReferrerTime: 1793804339065

Each store is listed up to its first 5 entries, and any value longer than 50 characters is shortened and marked as such. Values whose name contains token, auth, jwt, session, key or secret are withheld. The complete, untruncated set is preserved in metadata.json, whose SHA-256 hash is listed in manifest.json. Cookies marked HttpOnly are not readable by a page and are therefore absent from this list.

---

4. Device Integrity

Integrity Score: 100/100

Status: passed

Headless Browser: No

WebDriver Detected: No

Automation Indicators: None detected

WebGL Renderer: ANGLE (Apple, ANGLE Metal Renderer: Apple M1 Pro, Unspecified Version)

WebGL Vendor: Google Inc. (Apple)

5. Extension Integrity

Extension ID: hpnpkajkpggigoikdmjidcpaojknjdan

Extension Version: 1.19.7

Manifest Version: 3

Content Script Hash: eba0057c44c0dd8379a4dfc1b7101857416ffa294297a6894506a449a10f1e56

The fingerprint above is a SHA-256 over the extension's name, version, manifest version, permissions and content script declarations. It is recorded so this build can be compared against another copy of the same version. The browser offers an extension no interface with which to attest its own code, and no such attestation is made here.

---

6. Evidence Package Files

metadata.json: f0c82bb0cf43f5b5a817432f2351fabec8ab6887e706bdb076634aaab1eb67ca

page.html: 3753fcbd2165ea9b0ff284b9c40cef1fc44c1a8c43d63156b8b9567e8aadaa72

screenshot.jpeg: a77997f6223901f7b1b1fcea4a6c3374dd3d5b04680d48b1bdd8e285b305777a

c2pa.json: 28e212c8adf97ce3b8d13bab0d6c1f24ad7ac1ed4b985cd5ebc199b1f9c6c6f9

C2PA Content Credentials manifest (sidecar of the manifest embedded inside screenshot.jpeg). Verify independently at contentcredentials.org/verify.

domtextcontent.txt: 4e67fa6db36911e5f6691dea5c0d63f5e889bfc45f01c7df067f161607dcc62c

Only the primary evidence files are listed above; the package contains additional files. All evidence file hashes are listed in manifest.json and cryptographically signed via manifest.sig (RSA-4096 PKCS#1 v1.5). Verify integrity by checking file hashes against manifest.json, then verifying manifest.sig using publickey.pem.

---

7. Page text

The text of the captured page is preserved in domtextcontent.txt inside this evidence package. Its SHA-256 hash is listed in manifest.json and is covered by the manifest signature, so any alteration of the text causes verification against the signed manifest to fail.

The file holds the text in the order in which the elements appear in the page source, which on some pages differs from the order in which they are displayed on screen. It is therefore to be read together with the screenshot, not as the reading order of the page.

---

8. TLS/SSL SECURITY INFORMATION

Protocol: Not available via browser API

Cipher Suite: Not available via browser API

Certificate Details:

Subject: Not available via browser API

Issuer: Not available via browser API

Valid From: Not available via browser API

Valid To: Not available via browser API

Fingerprint: Not available via browser API

Note: the browser API does not expose full certificate details. See metadata.json for all available TLS data.

---

9. DNS RESOLUTION VERIFICATION

Hostname: www.adafruit.com

Resolved IPs: 172.66.129.120, 104.20.10.3, 2606:4700:10::ac42:8178, 2606:4700:10::6814:a03

Verification: verified (2 of 2 sources agreed)

DNSSEC Validation: Validated

DNS Source Details:

Google_DoH: 172.66.129.120, 104.20.10.3, 2606:4700:10::ac42:8178, 2606:4700:10::6814:a03, TTL: 300s, DNSSEC: Validated, Latency: 540 ms

Cloudflare_DoH: 104.20.10.3, 172.66.129.120, 2606:4700:10::6814:a03, 2606:4700:10::ac42:8178, TTL: 300s, DNSSEC: Validated, Latency: 760 ms

---

10. HTTP RESPONSE HEADERS

Request URL: https://www.adafruit.com/product/3405

Status Code: 200

Capture Source: last_known_navigation

Captured At: 2026-11-04T14:58:56.058Z

Key Security & Server Headers:

date: Wed, 04 Nov 2026 14:58:55 GMT

content-type: text/html; charset=utf-8

server: cloudflare

cache-control: no-store, no-cache, must-revalidate

x-frame-options: DENY

x-xss-protection: 1; mode=block

x-content-type-options: nosniff

strict-transport-security: max-age=15552000; preload

cf-ray: a5547ac8692cc10d-LHR

Additional Headers:

expires: Thu, 19 Nov 1981 08:52:00 GMT

pragma: no-cache

permissions-policy: interest-cohort=()

cross-origin-opener-policy: same-origin

vary: accept-encoding

cf-cache-status: DYNAMIC

content-encoding: br

---

11. DOMAIN REGISTRATION (WHOIS/RDAP)

Domain: adafruit.com

Registrar: NameCheap, Inc.

Data Source: WHOIS

Registration Date: 2005-05-23T05:09:30Z

Expiration Date: 2027-05-23T05:09:30Z

Last Updated: 2026-04-23T06:03:24Z

Nameservers: ashley.ns.cloudflare.com, beau.ns.cloudflare.com

Domain Status: clientTransferProhibited

Registrant: (redacted under the GDPR)

12. AI Content Detection Signals

Images analyzed: 20 of 45 images found on the page

Strong signals: 0

Weak signals: 0

Standards / detector: v3.2 · C2PA 2.4 · IPTC 2025.1

25 of the 45 images found on the page were not examined. The detector reads only images embedded as an img element, served over http or https, at least 100 pixels wide and 100 pixels high, already decoded when the capture ran, deduplicated by URL and capped at 20 images per page.

No AI-generation signals were detected in the analyzed images. A negative result is itself a forensic finding and is recorded in this report.

ProofSnap reports raw detection signals collected at capture time. Final determination of whether an image is AI-generated requires expert review and/or independent verification using the linked third-party tools.

13. IMAGE PROVENANCE (PHOTO AGE)

HTTP response headers fetched per image at capture time. Last-Modified is the strongest available age signal.

Images on this page: 45. HTTP headers fetched: 45. With a Last-Modified date: 44. Shown below (most relevant first): 25.



https://cdn-shop.adafruit.com/970x728/3405-08.jpg
Last modified: Fri, 09 Aug 2024 17:10:13 GMT

Alt text: Angled shot of black, rectangular microcontroller.
Page section: 0
Server: cloudflare
ETag: "c73d0b9d2efbbb02711fe66511...



https://cdn-learn.adafruit.com/guides/images/000/001/859/medium640/adafruit_02.png
Last modified: Thu, 14 Dec 2017 17:01:36 GMT

Alt text: Title screen for "Protocols: Machines Talking to Machines" with a clo...
Page section: 3
Server: cloudflare
ETag: "d32b1e0a36dc277180602bcbfd...



https://cdn-shop.adafruit.com/145x109/3405-12.jpg
Last modified: Fri, 09 Aug 2024 17:10:28 GMT

Server: cloudflare
ETag: "67d8a42f8eda6895b438c35fd4...



https://cdn-learn.adafruit.com/guides/images/000/001/638/medium640/fam.jpg
Last modified: Thu, 11 May 2017 02:55:11 GMT

Alt text: Eighteen different Adafruit Feather boards are arranged in a grid. Ea...
Page section: 3
Server: cloudflare
ETag: "9f34b9ee50c108f30a5b5d14a5...



https://cdn-learn.adafruit.com/guides/images/000/001/641/medium640/thumb.jpg
Last modified: Wed, 10 May 2017 21:02:01 GMT

Alt text: ESP32 Microcontroller board featuring an ESP32-WROOM-32 module, with ...
Page section: 3
Server: cloudflare
ETag: "0153c5a15567233b9697b47db0...



https://cdn-shop.adafruit.com/145x109/3405-11.jpg
Last modified: Fri, 09 Aug 2024 17:10:30 GMT

Server: cloudflare
ETag: "068da402c1650037e7bf3d94c6...



https://cdn-shop.adafruit.com/145x109/3405-08.jpeg
Last modified: Fri, 09 Aug 2024 17:10:31 GMT

Server: cloudflare
ETag: "c4794cea696b2dfa1e3d8e6234...



https://cdn-shop.adafruit.com/145x109/3405-09.jpeg
Last modified: Fri, 09 Aug 2024 17:10:35 GMT

Server: cloudflare
ETag: "4e6c060c070e61cc02c77248a3...



https://cdn-learn.adafruit.com/guides/images/000/002/326/medium640/blinka_esp.jpg
Last modified: Sun, 16 Dec 2018 23:22:34 GMT

Alt text: A purple CircuitPython logo Blinka snake encircles a red Espressif co...
Page section: 4
Server: cloudflare
ETag: "7900d5142243082baa479d2b20...



https://cdn-shop.adafruit.com/413x309/2995-08.jpg
Last modified: Fri, 06 Feb 2026 17:58:20 GMT

Alt text: Adafruit Feather M0 Bluefruit LE - Angled Shot of the Adafruit Feathe...
Page section: 5
Server: cloudflare
ETag: "8049d6fa2f3a3f4be59b04f18f...



https://cdn-shop.adafruit.com/413x309/3403-04.jpg
Last modified: Thu, 10 Oct 2024 16:29:51 GMT

Alt text: Adafruit Feather M0 Express - ATSAMD21 Cortex M0 - ATSAMD21 Cortex M0...
Page section: 5
Server: cloudflare
ETag: "485eca4850b9be2dfb26fdbbbd...



https://cdn-shop.adafruit.com/413x309/2796-12.jpg
Last modified: Tue, 08 Aug 2023 19:37:01 GMT

Alt text: Adafruit Feather M0 Adalogger - Angled shot of rectangular microcontr...
Page section: 5
Server: cloudflare
ETag: "310148a92a6b93df365651c8a8...



https://cdn-shop.adafruit.com/413x309/2771-14.jpg
Last modified: Wed, 26 Jul 2023 16:51:28 GMT

Alt text: Adafruit Feather 32u4 Basic Proto - Angled shot of a Adafruit Feather...
Page section: 5
Server: cloudflare
ETag: "d009a70de8c051b29d624fb55c...



https://cdn-shop.adafruit.com/413x309/3061-04.jpg
Last modified: Mon, 14 Mar 2016 14:56:11 GMT

Alt text: Adafruit Feather M0 WiFi with uFL - ATSAMD21 + ATWINC1500 - Top view ...
Page section: 4
Server: cloudflare
ETag: "92ef7167b1d533b9dc45e1c095...



https://cdn-shop.adafruit.com/413x309/3010-12.jpg
Last modified: Mon, 22 Dec 2025 17:34:33 GMT

Alt text: Adafruit Feather M0 WiFi - ATSAMD21 + ATWINC1500 - Angled shot of rec...
Page section: 4
Server: cloudflare
ETag: "19009af0243694abce0ce1745f...



https://cdn-shop.adafruit.com/413x309/2680-01.jpg
Last modified: Fri, 29 Jul 2016 20:10:27 GMT

Alt text: Huzzah! Adafruit.io Internet of Things Feather ESP8266 - WiFi Starter...
Page section: 4
Server: cloudflare
ETag: "f64f4b7432dceb9025fc55a201...



https://cdn-shop.adafruit.com/413x309/2821-07.jpg
Last modified: Wed, 28 Jan 2026 17:19:04 GMT

Alt text: Adafruit Feather HUZZAH with ESP8266 - Loose Headers - Angled shot of...
Page section: 4
Server: cloudflare
ETag: "efe6e2ce95afa0b296ae3b5cfc...



https://cdn-shop.adafruit.com/413x309/2772-09.jpg
Last modified: Tue, 11 Jul 2023 19:09:30 GMT

Alt text: Adafruit Feather M0 Basic Proto - ATSAMD21 Cortex M0 - Angled shot of...
Page section: 5
Server: cloudflare
ETag: "24392adc78f7a47ee9bfa1d455...



https://cdn-shop.adafruit.com/413x309/3046-07.jpg
Last modified: Tue, 10 Sep 2024 17:26:09 GMT

Alt text: Assembled Adafruit Feather HUZZAH with ESP8266 With Headers - Angled ...
Page section: 4
Server: cloudflare
ETag: "82f168cd555d805daf3464fe7e...



https://cdn-shop.adafruit.com/413x309/592-01.jpg
Last modified: Mon, 07 Mar 2016 21:23:07 GMT

Alt text: USB cable - USB A to Micro-B - 3 foot long - 3 foot long - USB cable ...
Page section: 5
Server: cloudflare
ETag: "8e23ac828c67be57e6039f5eb7...



https://cdn-shop.adafruit.com/413x309/3213-09.jpg
Last modified: Wed, 14 Aug 2024 15:20:56 GMT

Alt text: Assembled Feather HUZZAH w/ ESP8266 WiFi With Stacking Headers - Angl...
Page section: 4
Server: cloudflare
ETag: "136ccd25575e2a267a8ad6f070...



https://cdn-shop.adafruit.com/145x109/3405-08.jpg
Last modified: Fri, 09 Aug 2024 17:10:31 GMT

Server: cloudflare
ETag: "806f9bb51882fdca89265c030e...



https://www.adafruit.com/includes/templates/shop2019/images/RoHS2_2015_863_EU.svg
Last modified: Tue, 27 Oct 2026 19:45:48 GMT

Alt text: RoHS 2 2015 863 EU Compliant
Page section: 3
Server: cloudflare
ETag: W/"6ae0ff6c-21e5"



https://www.adafruit.com/includes/templates/shop2019/images/RoHS2_2011_65_EU.svg
Last modified: Tue, 27 Oct 2026 19:45:38 GMT

Alt text: RoHS 2 2011 65 EU Compliant
Page section: 3
Server: cloudflare
ETag: W/"6ae0ff62-1cbc"



https://www.adafruit.com/includes/templates/shop2019/images/adafruit-logo.png
Last modified: Tue, 27 Oct 2026 19:45:48 GMT

Alt text: Adafruit Logo
Page section: 0
Server: cloudflare
ETag: "6ae0ff6c-a8a"

... and 19 more image(s) with a Last-Modified header (see metadata.json)

Note: Last-Modified reflects the file modification time reported by the origin server or CDN, not the publication or creation date of the image. Redeploys or CDN cache invalidation can reset it, and CDNs serving immutable hashed filenames often omit it. Treat as a strong indicator of image age, not as proof.

14. Data Collection Methodology Specification

The data collection methodology is fully described in the attached technical metadata and manifest, which are an integral part of the evidence package. Key collection parameters are as follows:

Target Source (URL): https://www.adafruit.com/product/3405

Collection Date and Time (UTC): 2026-11-04T15:00:23Z (UTC)

Collection Environment (User Agent): Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_7) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/154.0.0.0 Safari/537.36

User Identification: Collection was performed by the user with pseudonymous identifier dOExb6dsycZhJdewGiFyjdDZRCm1 from IP address 5.31.155.50.

15. Legal Notice:

This document is generated by ProofSnap to provide a verifiable snapshot of a web page at a specific point in time. The included digital signatures and timestamps ensure the integrity and authenticity of the captured data. This evidence may be used for legal or compliance purposes, subject to applicable laws and regulations.

Standards & Compliance

Aligns with ISO/IEC 27037:2012 guidelines for identification, collection, acquisition and preservation of digital evidence.
Supports self-authentication of electronic records through a SHA-256 hash and a signed manifest; admissibility is determined by the competent court under the applicable rules of evidence.
EU eIDAS 910/2014 qualified electronic timestamp by a QTSP, when this package contains manifest.json.tsr.

Independent verification, no ProofSnap account or service required:

Verify online: getproofsnap.com/verify/index.html
Verify source code (MIT): github.com/proofsnap/proofsnap-verify