Datasheets

Embedded system :

* Camera : [DMC-G5 Hybrides Lumix G (DSLM) - Panasonic](https://www.panasonic.com/fr/consumer/archive-produits/appareils-photo-et-camescopes/dmc-g5ef.html)
* Battery : [RS PRO 12V T1 Sealed Lead Acid Battery, 2.3Ah | RS (rs-online.com)](https://uk.rs-online.com/web/p/lead-acid-batteries/5375450)
* Nucleo : [Introduction to digital camera interface (DCMI) for STM32 MCUs - Application note](https://www.st.com/resource/en/application_note/an5020-digital-camera-interface-dcmi-on-stm32-mcus-stmicroelectronics.pdf)
* Humidity and temperature sensor : [Capteur de T° et d'humidité AM2320 - Capteurs de t° et humidité | GO TRONIC](https://www.gotronic.fr/art-capteur-de-t-et-d-humidite-am2320-27959.htm)
* Movement sensor : [EV\_ICM-20602 TDK InvenSense | Cartes de développement, kits, programmateurs | DigiKey](https://www.digikey.fr/fr/products/detail/tdk-invensense/EV-ICM-20602/6140300)
* Voltage regulator : [Datasheet for LM317BTG onsemi Voltage Regulators - Linear | Octopart](https://octopart.com/datasheet/lm317btg-onsemi-139541)
* Lux sensor : [Adafruit TSL2591 High Dynamic Range Digital Light Sensor [STEMMA QT] : ID 1980 : Adafruit Industries, Unique & fun DIY electronics and kits](https://www.adafruit.com/product/1980)
* Charge controller : [Régulateur solaire RS PRO, tension du panneau solaire 12 V, 24 V | RS (rs-online.com)](https://fr.rs-online.com/web/p/controleurs-de-charge-solaire/9054532)
* SD card reader/writer: [Adafruit Micro SD SPI or SDIO Card Breakout Board - 3V ONLY! : ID 4682 : Adafruit Industries, Unique & fun DIY electronics and kits](https://www.adafruit.com/product/4682)
* LoRa emitter : [Microsoft Word - RFM95\_96\_97\_98W.doc (sparkfun.com)](https://cdn.sparkfun.com/assets/learn_tutorials/8/0/4/RFM95_96_97_98W.pdf)
* Temperature sensor : [LM35DZ Texas Instruments - Temperature and Humidity Sensors - Distributors, Price Comparison, and Datasheets | Octopart component search](https://octopart.com/lm35dz-texas+instruments-24814029?msclkid=f0f77a05fe69183656031c2fe65758ed&utm_source=bing&utm_medium=cpc&utm_campaign=b_cpc_emea-fr_search_dsa_english_en_usd_all-categories&utm_term=semiconductors&utm_content=Discrete%20Semiconductors%20DSA)

Base :

* Dragino LoRa hat : [Raspberry Pi HAT featuring GPS and LoRa® technology (dragino.com)](https://www.dragino.com/products/lora/item/106-lora-gps-hat.html)
* Raspberry pi 3 B+: [Buy a Raspberry Pi 3 Model B+ – Raspberry Pi](https://www.raspberrypi.com/products/raspberry-pi-3-model-b-plus/)
* Adafruit feather M0 (test) : [Feather M0 900MHz RFM95 LoRa Radio - Adafruit | Mouser](https://www.mouser.fr/new/adafruit/adafruit-feather-m0-900mhz-rfm95/)