# Shield SIM7000 Arduino NB-IoT/LTE/GPRS/GPS Expansion Shield

* <https://www.amazon.com/-/es/SIM7000-Arduino-NB-IoT-Expansion-Shield/dp/B07MK25Z8L>
* <https://es.aliexpress.com/item/32917907588.html?src=google&src=google&albch=shopping&acnt=494-037-6276&isdl=y&slnk=&plac=&mtctp=&albbt=Google_7_shopping&aff_platform=google&aff_short_key=UneMJZVf&&albagn=888888&albcp=2047572441&albag=80829465588&trgt=743612850714&crea=es32917907588&netw=u&device=c&gclid=Cj0KCQiAkKnyBRDwARIsALtxe7i4BNDpNXEEoFSclYg6o1t7zx-S5Lpb0wlc2DgSy48pjzRM5COx96EaAruLEALw_wcB&gclsrc=aw.ds>

# Shield Dragino NarrowBand IoT

1. <https://www.dragino.com/products/nb-iot/item/130-nb-iot-shield.html> (oficial dragino)
2. <https://www.robotshop.com/es/es/shield-dragino-narrowband-iot-quectel-bc95-g.html?gclid=Cj0KCQiAkKnyBRDwARIsALtxe7j2SQwz-2p7RWiqQVr6RjiM4saHtmNPFoxK0jkUxV7f_GFU8HoaCaoaAgRGEALw_wcB>
3. <https://www.antratek.com/nb-iot-shield-qg96-with-quectel-bg96> (especial Europa)
4. <https://www.elektor.com/dragino-nb-iot-shield-qb20-800-mhz>
5. <https://www.mouser.es/ProductDetail/Seeed-Studio/109030001?qs=sGAEpiMZZMve4%2FbfQkoj%252BNAeRhOhZXB1gvHwuECl8PY%3D> (900mhz)
6. <https://www.mouser.es/ProductDetail/Seeed-Studio/109030002?qs=sGAEpiMZZMve4%2FbfQkoj%252BEgB43cJl3Dbvn3UDTmaICM%3D> (850 mhz)
7. <https://www.exp-tech.de/en/modules/wireless/other/8858/dragino-nb-iot-shield-qb20>

# Operadores

1. Telefónica usa BC95-G (opción 2)
   1. [Certificación módulo opción 2](https://www.efe.com/efe/america/comunicados/telefonica-certifica-el-modulo-de-internet-las-cosas-nb-iot-quectel-con-capacidades-intercambio-subscripcion/20004010-MULTIMEDIAE_4150323)
   2. <https://iot.telefonica.com/es/solutions/connect/lpwa/>
2. Vodafone (800 MHz)
   1. <https://www.vodafone.es/c/empresas/grandes-clientes/es/soluciones/datos/internet-of-things/narrowband-iot/>
   2. <https://www.vodafone.es/c/statics/narrowband-iot.pdf>