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# Technical advisory notices

Technical Advisory Notices are issued for hardware issues and typically include:

- An issue summary
- Products that are affected (and how to identify if your product is affected)
- Issue resolutions and workarounds

## By product family

### Tracker System

- [TAN002 - Tracker One v1.0 Shipping Mode](#) Shipping mode issue impacting Tracker One v1.0 devices manufactured before August 31, 2020.
- [TAN006 - Tracker SoM GNSS Interface](#)
- [TAN011 - Tracker SoM default application firmware issue](#)
- [TAN013 - Tracker Manufacturing Firmware 3.3.0](#)

### Boron/B-Series SoM

- [TAN001 - SARA-R410M "124-day"](#) Power-off procedure recommendations for Particle devices running u-blox SARA-R410M-02B modules
- [TAN003 - B402 RF Circuit Component](#) A manufacturing run of B402 SOMs in week 28 of 2020 mis-populated 10K resistors in place of 15pF capacitors in the RF matching circuit. This can lead to weakened connectivity and component heating.
- [TAN004 - Power-off Recommendations for SARA R410M-Equipped Devices](#)
- [TAN005 - SARA-R410-02B-03](#)
- [TAN008 - B404 Manufacturing Firmware 2.3.0](#)
- [TAN009 - SARA-R410 Intermittent Increased Connection Time](#)
- [TAN010 - SARA-R410 SIM Initialization](#)
- [TAN012 - Rare connectivity issue with BRN404X, B404X, and E404X](#)
- [TAN014 - SARA-R510 band selection](#)
- [TAN015 - SARA-R510 reset procedure](#)

### Electron/E-Series

- [TAN001 - SARA-R410M "124-day"](#) Power-off procedure recommendations for Particle devices running u-blox SARA-R410M-02B modules
- [TAN004 - Power-off Recommendations for SARA R410M-Equipped Devices](#)
- [TAN005 - SARA-R410-02B-03](#)
- [TAN012 - Rare connectivity issue with BRN404X, B404X, and E404X](#)

## Manufacturing firmware updates

- [TAN008 - B404 Manufacturing Firmware 2.3.0](#)
- [TAN013 - Tracker Manufacturing Firmware 3.3.0](#)

## Numerical list

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