**Beep Nordic Platform wensenlijst**

* 1x LoRa 868 MHz antenna on PCB (and 434 MHz U.fl connector?)
* 5 (or 7 if possible) pin screw connector for HX711 input Bosche H40A weight sensor
* 3 pin screw connector for 1-48x DS18B20 on 2m cable
* 4 pin screw connector I2C: T/H/P BME280 on 2m cable
* 6 pin screw connector I2S: I2S mems mic ICS43434 om 2m cable
* 2x AAA battery holder on PCB: for 2x e.g. Energizer lithium 1200 mAh @ 1.5-1.7V AAA
* 1x tilt sensor on PCB on programmable IO
* 1x reed sensor on side of PCB on programmable IO for BLE wake-up, reset
* 1x buzzer for auditive feedback (reed/tilt)
* 16MB Flash
* EUI chip for unique identity
* Standby < 5uA: 1 year of data (min 365 x 24 x 4 LoRa messages of about 30 bytes)
* Firmware with USB, or OTA updatable (which of two is most convenient)
* Max dimensions: 76x51mm with corners inset