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# OXOBUTTON T

## (T=TOUGH)

### SPECSHEET



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#### PRODUCT NUMBER

- AF0B01

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#### SOFTWARE

- Configuration through Bluetooth (free App)
  - Firmware over the air*
  - Configure the LoRa-Params*
  - Software modes setting*
  - Change of images*
- Customizable Firmware: on request

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#### USER INTERFACE:

- 1.6" E-Paper Display (200×200px)
- 4×2 button LEDs + 1 BLE bicolor LEDs (red and green)
- 4 User-, 1 BLE- and 1 Reset-Button
- Buzzer

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#### BLUETOOTH

- Bluetooth Low Energy 5.0
- Device Configuration over Bluetooth
- Picture and Text Transfer
- Firmware Over the Air (FOTA)

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#### TEMPERATURE SENSOR

- Resolution: 12 Bit
- +/- 2° C

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#### LORA

- SX1276 Semtech
- Supported Frequencies : 868 MHz
- Adaptive Data Rate (ADR) supported

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#### APPLICATIONS

- Pricetag
- Inventory
- Alarming
- Facility Management
- Reorder process
- Other

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#### MCU

- STM32L082
- FLASH: 192kB
- RAM: 20kB
- EEPROM: 6kB
- Clock: 32MHz and 32.768kHz

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#### OPERATION TEMPERATURE:

- >10° C and <30° C

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#### ACCELEROMETER

- Low Power Accelerometer
- Selectable Full Scale:
  - +/- 2g, +/- 4g, +/- 8g, +/- 16g
- Data Rate: 1.6 – 1600Hz
- Resolution: 16 Bit

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#### EXTERN MEMORY


- 1 MB NOR-Flash
- Memory to store over 100 Images

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#### POWER SUPPLY

- 3V CR2430 Battery (300mAh)
- Standby-Current: <3uA

# OXOBUTTON T

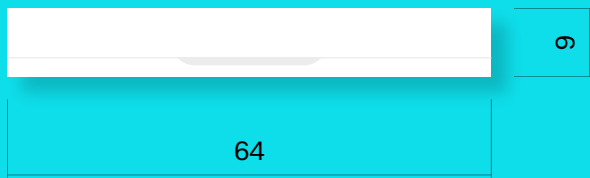
Oxon konzipiert und erstellt Hard- und Software 



GRÖSSE IN MILLIMETER

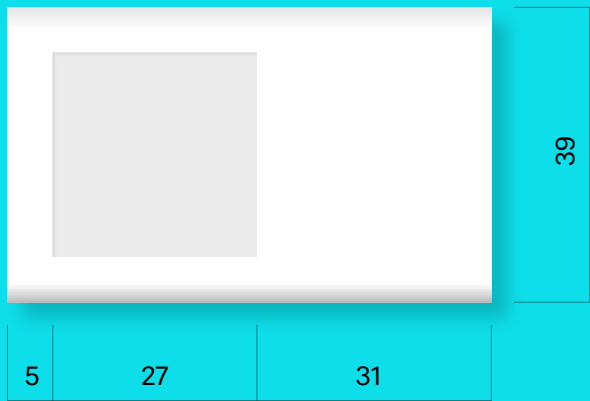
**Gesamtgrösse: 64×39×9**  
**Grösse Display: 27×27**

ANSICHT SEITE



**Auf der Rückseite ist ein Magnet befestigt**

ANSICHT OBEN



ANSICHT UNTEN

