

# QUICKSHEET

## ACD52840

Take a sense of the environment for unleashed creativity



**MA:DE IN  
GERMANY**

**aconno™**

## Preamble

This document is a preface of a real datasheet and is meant to give you enough data for a quick start with this aconno product.

Please take all necessary data (e.g. temperature or voltage ranges) of the used components from the linked datasheets.

## Environmental specifications

- ROHS conform
- Temperature range -40°C to +85°C
- IP65 case
- CR2450 battery powered

## Schematic



## Components

BLE Module: [ACN52840 \(https://aconno.de/acn52840\)](https://aconno.de/acn52840)

E-Paper Display: [GDEP015OC1 \(https://aconno.de/GDEP015OC1\)](https://aconno.de/GDEP015OC1)

IR LED: [VSMB10940 \(https://aconno.de/V SMB10940\)](https://aconno.de/V SMB10940)

Light sensor: [PDV-P8103 \(https://aconno.de/PDV-P8103\)](https://aconno.de/PDV-P8103)

Temp. sensor: [MCP9700T \(https://aconno.de/MCP9700T\)](https://aconno.de/MCP9700T)

Buzzer: [MCKPM-G1205A-3706 \(https://aconno.de/MCKPM-G1205A-3706\)](https://aconno.de/MCKPM-G1205A-3706)

Relais: [G5V-1-DC5 \(https://aconno.de/G5V-1-DC5\)](https://aconno.de/G5V-1-DC5)

LED: [RGB \(https://aconno.de/RGB\)](https://aconno.de/RGB)

9DOF sensor: [LSM9DS1 \(https://aconno.de/LSM9DS1\)](https://aconno.de/LSM9DS1)



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