



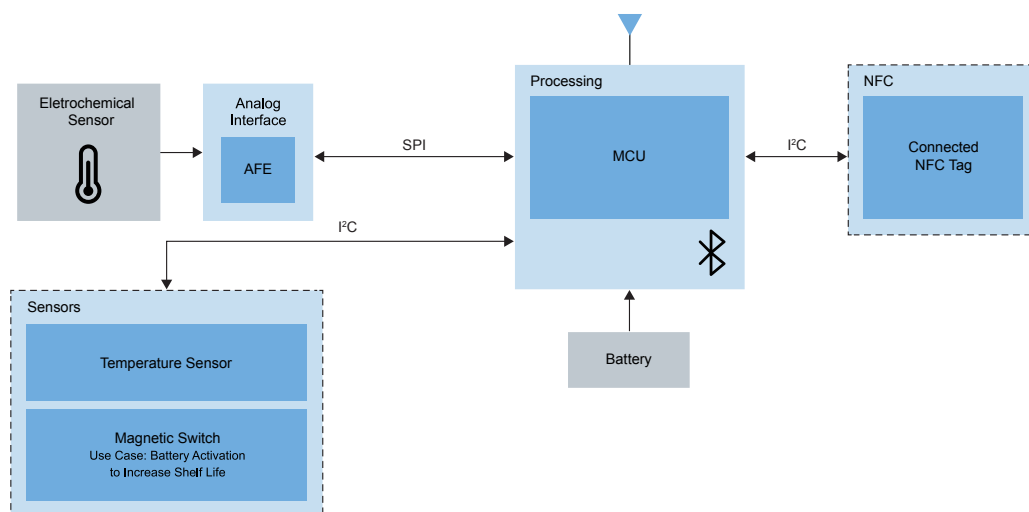
# Continuous Glucose Monitoring (CGM)

Last Updated: Apr 25, 2025

Continuous Glucose Monitoring (CGM) tracks glucose in real time, aiding diabetes and health management. CGMs require low power consumption, a small footprint, reliable communication, cost efficiency, precise sensing and security.

NXP is a leader in CGM technology, offering ultra-low power BLE radio, cost-effective BOMs, compact ICs, high-precision sensors, and NFC capabilities - meeting the needs of both disposable and durable CGMs.

## Disposable CGM Block Diagram

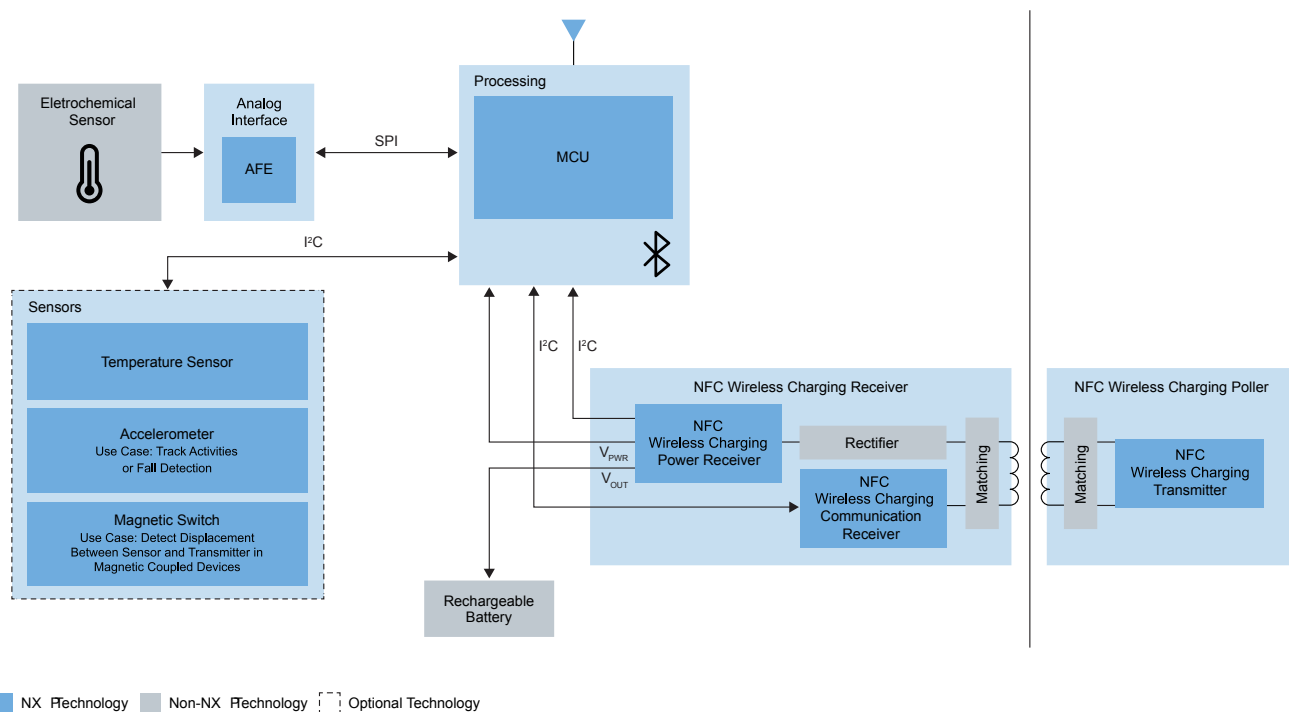


■ NX Technology 
 ■ Non-NX Technology 
  Optional Technology

### Recommended Products for Disposable CGM

MCU	<ul style="list-style-type: none"> <li><a href="#">NHS52S04</a>: NHS52S04: Ultra-Low-Power Bluetooth® Low Energy Solution With Arm® Cortex®-M33 TrustZone® for Medical IoT</li> </ul>
Temperature Sensor	<ul style="list-style-type: none"> <li><a href="#">P3T1035xUK</a>: I3C, I²C-Bus, ±0.5 °C Accuracy, Digital Temperature Sensor</li> </ul>
Magnetic Switch	<ul style="list-style-type: none"> <li><a href="#">NMH1000</a>: NMH1000 Ultra-Low Power and Low-Voltage Magnetic Switch</li> </ul>
Connected NFC Tag	<ul style="list-style-type: none"> <li><a href="#">NTAG5-LINK</a>: NTAG® 5 Link: NFC Forum-Compliant I²C Bridge for IoT on Demand</li> <li><a href="#">NTAG_I2C</a>: NTAG I²C Plus 2K: NFC Forum Type 2 Tag with I²C Interface</li> </ul>

## Reusable CGM and Case Block Diagram



### Recommended Products for Reusable CGM and Case

MCU	<ul style="list-style-type: none"> <li>• <a href="#">NHS52S04</a>: NHS52S04: Ultra-Low-Power Bluetooth® Low Energy Solution With Arm® Cortex®-M33 TrustZone® for Medical IoT</li> </ul>
Temperature Sensor	<ul style="list-style-type: none"> <li>• <a href="#">P3T1035xUK</a>: I3C, I²C-Bus, ±0.5 °C Accuracy, Digital Temperature Sensor</li> </ul>
Accelerometer	<ul style="list-style-type: none"> <li>• <a href="#">FXLS8974CF</a>: ±2g/±4g/±8g/±16g, Low-Power 12-Bit Digital IoT Accelerometer</li> </ul>

Magnetic Switch	<ul style="list-style-type: none"> <li>• <a href="#">NMH1000</a>: NMH1000 Ultra-Low Power and Low-Voltage Magnetic Switch</li> </ul>
NFC Wireless Charging Power Receiver	<ul style="list-style-type: none"> <li>• <a href="#">PCA943X</a>: NFC Wireless Charging Power Receiver</li> </ul>
NFC Wireless Charging Communication Receiver	<ul style="list-style-type: none"> <li>• <a href="#">CRN120</a>: NFC Wireless Charging Communication Receiver Frontend</li> </ul>
NFC Wireless Charging Transmitter	<ul style="list-style-type: none"> <li>• <a href="#">CTN73x</a>: NFC Wireless Charging Transmitter</li> </ul>

View our complete solution for [Continuous Glucose Monitoring \(CGM\)](#).

**Note:** The information on this document is subject to change without notice.

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