



# Multi-Channel Continuous Glucose Monitoring (CGM) Solutions

## MULTI-CHANNEL-CONTINUOUS-GLUCOSE-MONITORING

NEW

### Preproduction

本ページには、試作段階の製品に関する情報が含まれています。記載されている仕様および情報は、予告なく変更される場合があります。詳細については、担当営業までお問い合わせください。

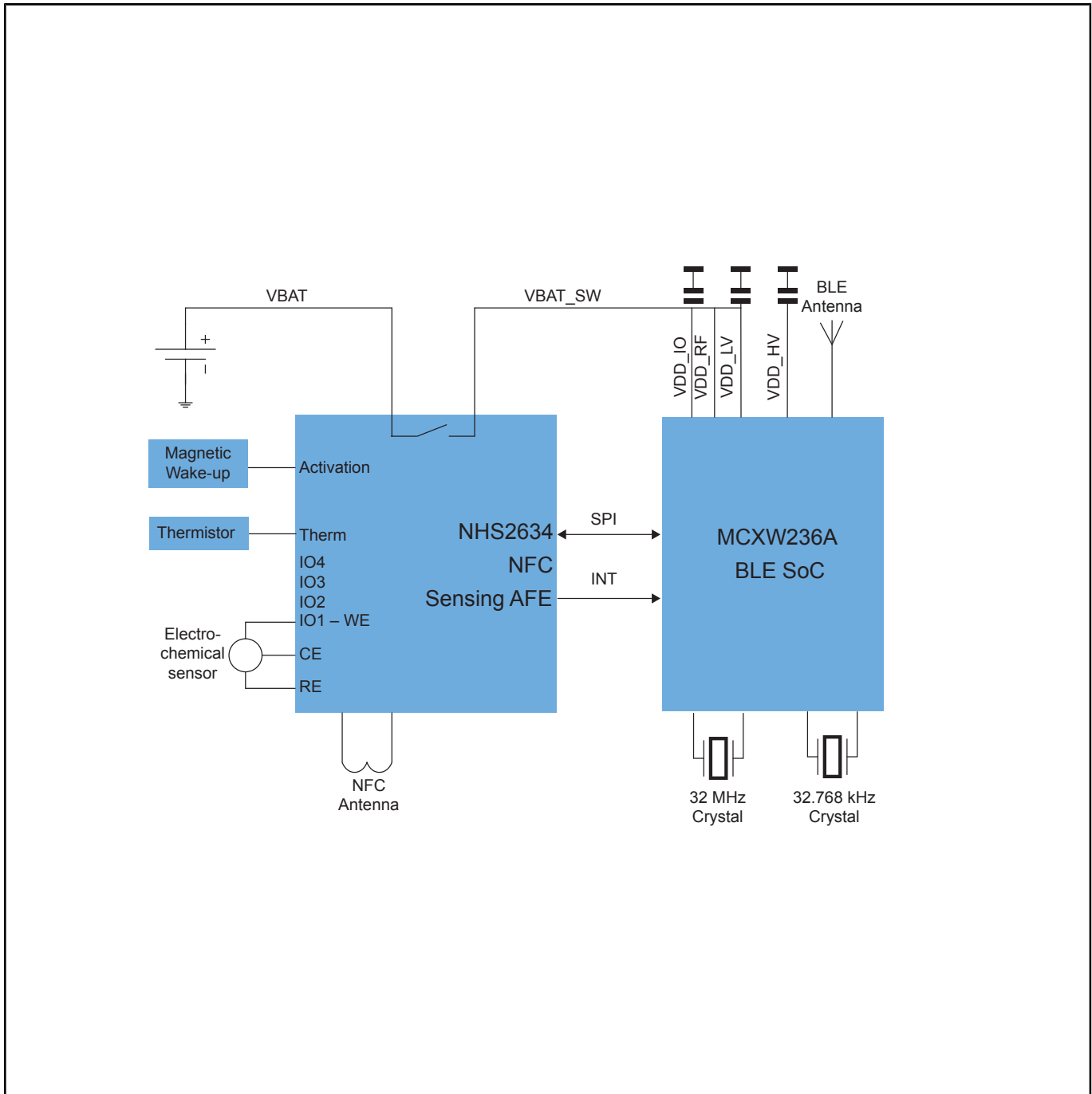
Last Updated: May 20, 2026

NXP's Continuous Glucose Monitoring (CGM) reference solution helps healthcare companies and partners build compact, accurate and power#efficient patient monitoring devices. It combines an ultra#low#power (ULP) multichannel electrochemical analog front-end (AFE) —including the MCX W23 Bluetooth® Low Energy (LE) microcontroller (MCU)—for precise sensing, secure connectivity and long battery life. The AFE is enabled with Near Field Communication (NFC) for easy activation, pairing, programming data readout while Bluetooth LE ensures stable real#time data streaming. A tiny wearable form factor, long shelf/wear life and included reference software/companion app is what make the platform designed to accelerate development and speed CGM innovation.

The solution has been fully developed, validated and tested. Additionally, NXP provides all the necessary materials to customize this design with schematics, bill of materials (BOM), firmware, application note, technical training video, user guide and a getting started guide. Enablement is available for NDA-approved customers.

Enablement is available to non-disclosure agreement (NDA)-approved customers. Reach out to your local NXP representatives to know more about this solution and request for access.

## Solution for Continuous Glucose Monitoring Patch Block Diagram



View additional information for [Multi-Channel Continuous Glucose Monitoring \(CGM\) Solutions](#).

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

**[www.nxp.com](http://www.nxp.com)**

NXP and the NXP logo are trademarks of NXP B.V. All other product or service names are the property of their respective owners. The related technology may be protected by any or all of patents, copyrights, designs and trade secrets. All rights reserved. © 2026 NXP B.V.