

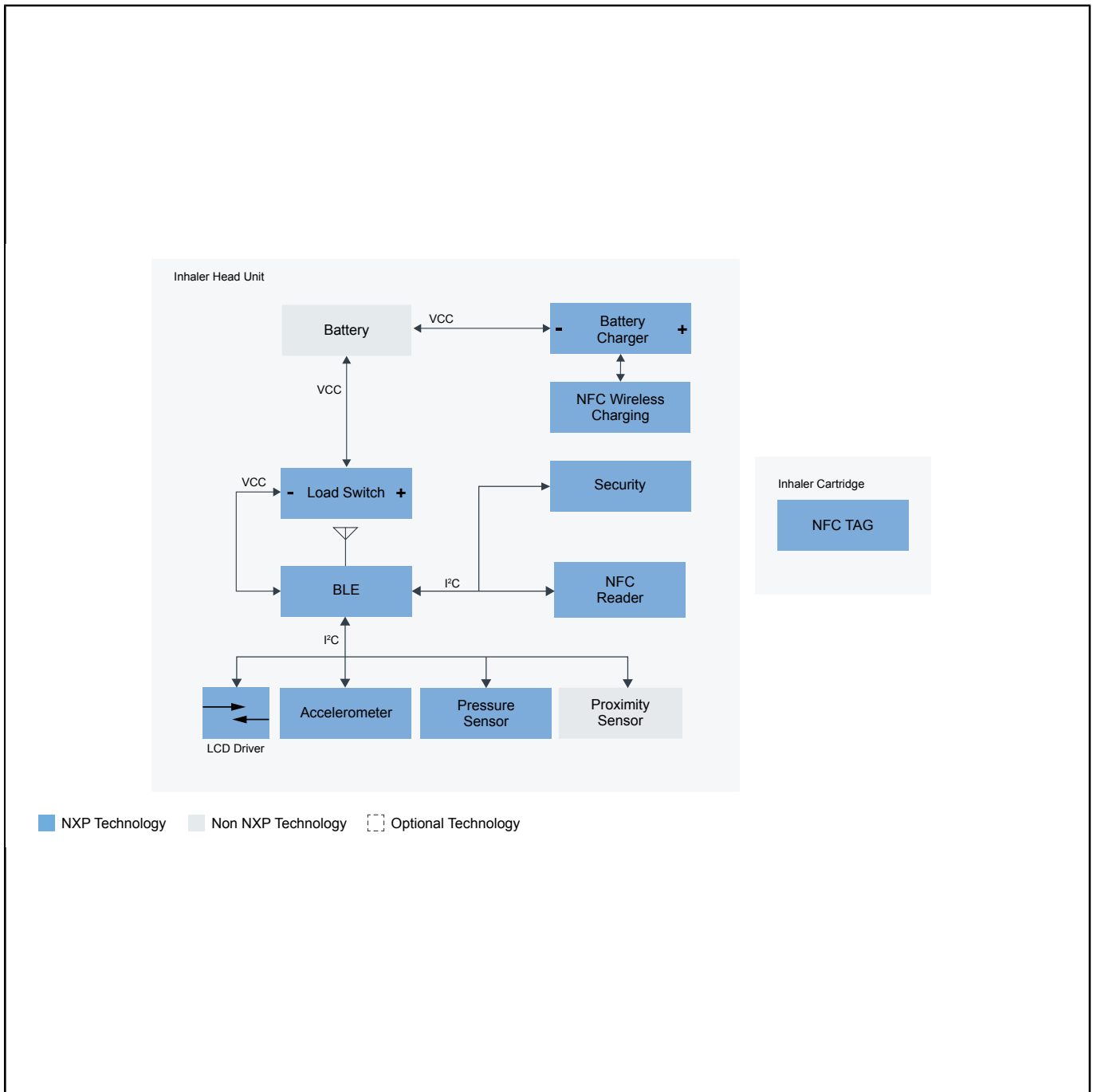


# 智能感应吸入器

Last Updated: Oct 13, 2023

恩智浦提供了广泛的传感器和MCU产品组合，例如QN9090、K32W061和NHS52Sx4无线MCU系列，能够为医疗物联网和医疗保健应用提供精确性能。这种新的智能感应吸入器将配备无线连接、安全集成和储气罐品牌保护功能，以保护患者信息的安全并将其上传到云端，可从医生端配置吸入器。

## 智能感应吸入器 Block Diagram



| Recommended Products for 智能感应吸入器 |   |
|----------------------------------|---|
| Battery Charger                  | <ul style="list-style-type: none"> <li>• <b>MC34671</b>: 600mA单芯锂离子/锂聚合物电池充电器</li> </ul>  |
| Load Switch                      | <ul style="list-style-type: none"> <li>• <b>NX3P2902BUK</b>: 逻辑控制的高侧电源开关</li> </ul>   |
| Security                         | <ul style="list-style-type: none"> <li>• <b>SE051</b>: EdgeLock<sup>®</sup> SE051: 久经考验且易于使用的物联网安全解决方案, 支持可更新性和自定义小程序</li> <li>• <b>EDGELOCK-A5000</b>: EdgeLock<sup>®</sup> A5000 Plug &amp; Trust安全身份验证芯片: 身份验证更安全、可扩展且简单</li> </ul>  |
| BLE                              | <ul style="list-style-type: none"> <li>• <b>NHS52S04</b>: NHS52S04: 超低功耗蓝牙<sup>®</sup>低功耗解决方案, 采用Arm<sup>®</sup>Cortex<sup>®</sup>-M33 TrustZone<sup>®</sup>, 适用于医疗物联网</li> <li>• <b>QN9090-30</b>: QN9090/30(T): Bluetooth LE MCU带有Arm<sup>®</sup>Cortex<sup>®</sup>-M4 CPU, 高效率的模数外设以及NFC标签选项</li> <li>• <b>K32W061_41</b>: K32W061/41: 适用于Zigbee<sup>®</sup>、Thread和低功耗蓝牙<sup>®</sup>5.0的高性能、超低功耗的安全微控制器, 内置NFC选项</li> </ul> |
| NFC                              | <ul style="list-style-type: none"> <li>• <b>PN7160</b>: 带集成固件和NCI接口的NFC即插即用控制器</li> <li>• <b>PN7462</b>: 面向门禁、配有可选接触式接口的NFC Cortex<sup>®</sup>-M0一体化微控制器</li> </ul>   |
| Accelerometer                    | <ul style="list-style-type: none"> <li>• <b>FXL8974CF</b>: <math>\pm 2g/\pm 4g/\pm 8g/\pm 16g</math>, 低功耗, 12位数字物联网加速度传感器</li> </ul>  |
| NFC Tag                          | <ul style="list-style-type: none"> <li>• <b>NTAG424DNA</b>: NTAG<sup>®</sup> 424 DNA / 424 DNA TagTamper – Advanced Security and Privacy for Trusted IoT Applications</li> <li>• <b>NTAG_223_224_DNA</b>: NTAG<sup>®</sup> 223 / 224 DNA - 获得NFC安全芯片技术的认证, 可大规模支持可信的物联网应用</li> <li>• <b>SL2S2602</b>: 具有独创性签名的ICODE SLIX2 NFC Forum Type 5标签</li> <li>• <b>SL2S6002FUD</b>: 具有AES加密的ICODE DNA NFC Forum Type 5标签</li> </ul>     |
| LCD Driver                       | <ul style="list-style-type: none"> <li>• <b>PCA8561</b>: 车载18 x 4 LCD段码驱动器</li> </ul>   |
| Wireless Charging                | <ul style="list-style-type: none"> <li>• <b>CRN120</b>: NFC Wireless Charging Communication Receiver Frontend</li> <li>• <b>CTN73x</b>: NFC Wireless Charging Transmitter</li> <li>• <b>PCA943X</b>: NFC Wireless Charging Power Receiver</li> </ul>  |
| Pressure Sensor                  | <ul style="list-style-type: none"> <li>• <b>FXPQ3115BV</b>: 生物医学精密压力传感器</li> </ul>  |

View our complete solution for [智能感应吸入器](#).

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. © 2024 NXP B.V.