



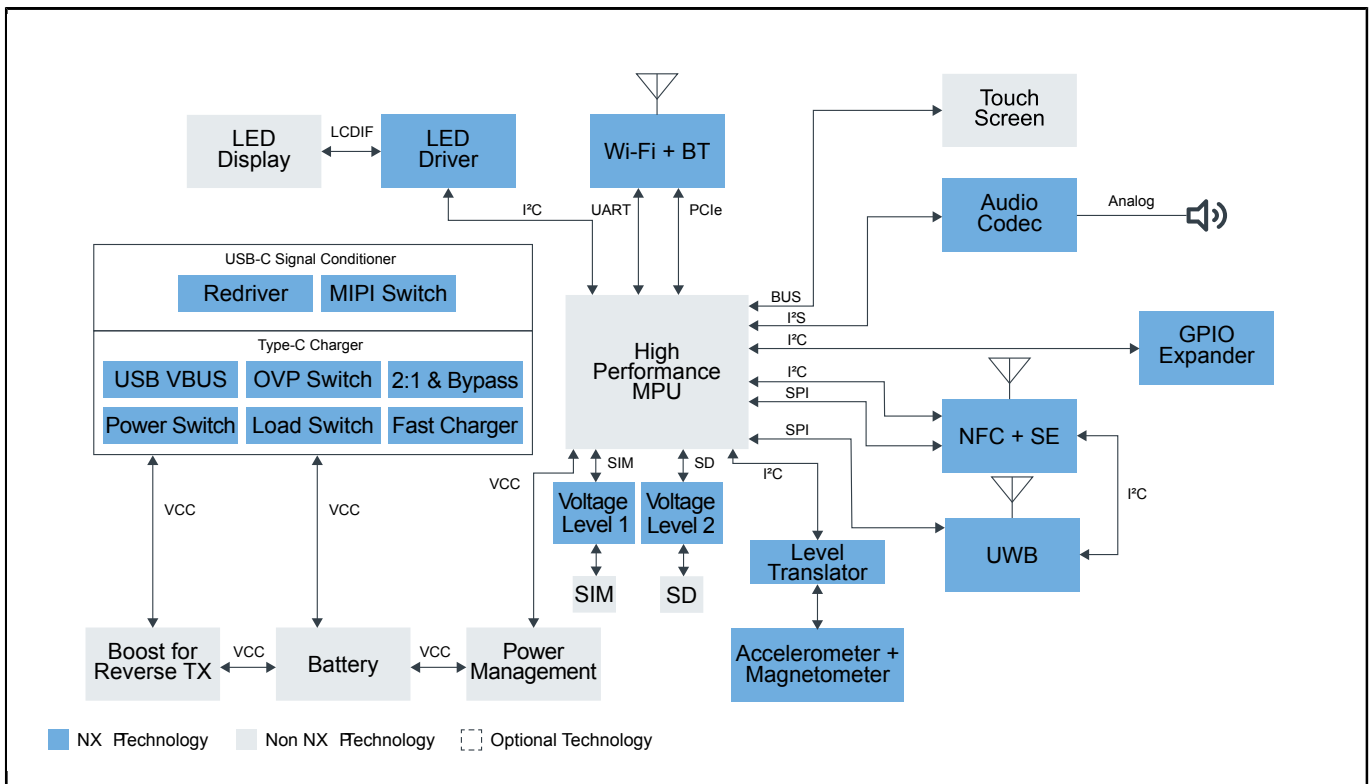
スマートフォン

Last Updated: Mar 14, 2024

NXPのイノベーションは、モバイルデバイスが日々のデジタルライフのスマートなハブになるにつれて、将来の様々な機能とアプリケーションをモバイルデバイスにもたらしめます。NXPポートフォリオは、モバイルデバイス向けの安全なモバイルウォレットソリューション、eSIM接続、およびUWB対応を提供します。

最大10Gbit/sのデータレートと最大100Wの電力を提供するUSB Type-Cは、新興の製品設計に最適なコネクタを提供し、「代替モード」をサポートする豊富なインターフェイス機能を提供します。また、完全に可逆的なプラグの向きとケーブルの方向を可能にし、USB Type-Cを消費者にとってはるかに便利にし、真のプラグアンドプレイ体験を提供するのに役立ちます。

スマートフォン Block Diagram



Recommended Products for スマートフォン

Type C charger	<ul style="list-style-type: none"> • NX30P6093: High-Voltage I²C Controlled Overvoltage Protection Load Switch • NX20P3483UK: USB PD and Type-C High-Voltage Sink/Source Combo Switch with Protection • NX30P0121UK: High-Voltage Back-to-Back OVP Switch with Current Sense
Voltage Level 1	<ul style="list-style-type: none"> • NVT4557: SIM Card Interface Level Translator with EMI Filter and ESD Protection

Voltage Level 2	<ul style="list-style-type: none"> • NVT4858: SD, SDIO, Mini SD, Micro SD and SIM Card Voltage Level Translator with EMI Filter and ESD Protection
USB C Signal	<ul style="list-style-type: none"> • PTN36502: Type-C USB 3.1 Gen 1 and DisplayPort V1.2 Combo Redriver • NX3DV642GU: Three-Lane High-Speed MIPI-Compatible Switch
Wireless	<ul style="list-style-type: none"> • 88W8997: 2.4/5 GHzデュアルバンド2x2 Wi-Fi® 5 (802.11ac) + Bluetooth® 5.3ソリューション • WLAN7202C: 5 GHz-7 GHz Wi-Fi® 6E Front-End IC • WLAN7205C: 5 GHz-7 GHz Wi-Fi® 6E Front-End IC • WLAN7207H: 2.4 GHz Wi-Fi® 6 Front-End IC • WLAN7207C: 5 GHz-7 GHz Wi-Fi® 6E Front-End IC
LED Driver	<ul style="list-style-type: none"> • PCA9632: 4-Bit Fm+ I²C-Bus Low-Power LED Driver
RTC	<ul style="list-style-type: none"> • FXLS8974CF: ±2g/±4g/±8g/±16g, Low-Power 12-Bit Digital IoT Accelerometer
Audio Codec	<ul style="list-style-type: none"> • SGTL5000: Ultra-Low-Power Audio Codec
GPIO Expander	<ul style="list-style-type: none"> • PCAL6408A: Low-Voltage Translating, 8-Bit I²C-Bus/SMBus I/O Expander
Level Translator	<ul style="list-style-type: none"> • PCA9306: Dual Bidirectional I²C-Bus and SMBus Voltage-Level Translator • P3A9606: Dual Bidirectional I³C/I²C-Bus and SPI Voltage-Level Translator
UWB	<ul style="list-style-type: none"> • SR150: Trimension™ SR150 : IoTデバイス向けのセキュアなUWBソリューション
USB C Signal	<ul style="list-style-type: none"> • PTN36502: Type-C USB 3.1 Gen 1 and DisplayPort V1.2 Combo Redriver • NX3DV642GU: Three-Lane High-Speed MIPI-Compatible Switch
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View our complete solution for [スマートフォン](#).

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

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