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Wireless Y MiGLO Y NXH2281UK

NXH2281UK: NFMI radio for wireless audio and data streaming



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Overview

The NXP® MiGLO® NxH2281 is a fully integrated single-chip solution that enables wireless HQ audio streaming and data communication using Near Field Magnetic Induction (NFMI), a mature technology with a proven track record in the hearing aid industry.

NFMI is more power-efficient than RF in short distances. The steep degradation of signal strength as a function of distance increases privacy and reduces issues with interference compared to RF.

Contact your local NXP sales representative or a distributor near you to purchase this product.

Benefits:

- Power-efficient, robust and private

More **▼**

Features

- Human Body Compatibility
- NFMI Technology
- Customer Programmable
- Flexible Embedded Network
- Ultra-Low-Power Operation
- ▶ High-Integration Factor

Application Notes

sot1465-2_3d













Bragi shows off The Dash - the world's first 'hearable'

NxH2280 NFMI Hearables Solutions

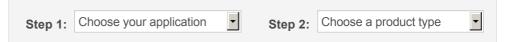
Target Applications

Consumer Electronics

Hearables (e.g. truly wireless earbuds) Hearing instruments

Mission-critical communication

Complementary products for your application













MMA8652FC:±2g/ ±4g/±8g, Low g, 12-Bit Digital Accelerometer

LPC541XX:Low-Power Microcontrollers (MCUs) Based on Arm® Cortex®-M4 Cores With Optional Cortex®-M0+ Coprocessor

K26_180:Kinetis® K26-180 MHz, Dual High-Speed & Fullspeed USBs, 2MB Flash Microcontrollers (MCUs) based on Arm® Cortex®-M4 Core

SGTL50 Power A



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