



# **SIM Card Interface Level Translator and Supply Voltage LDO**

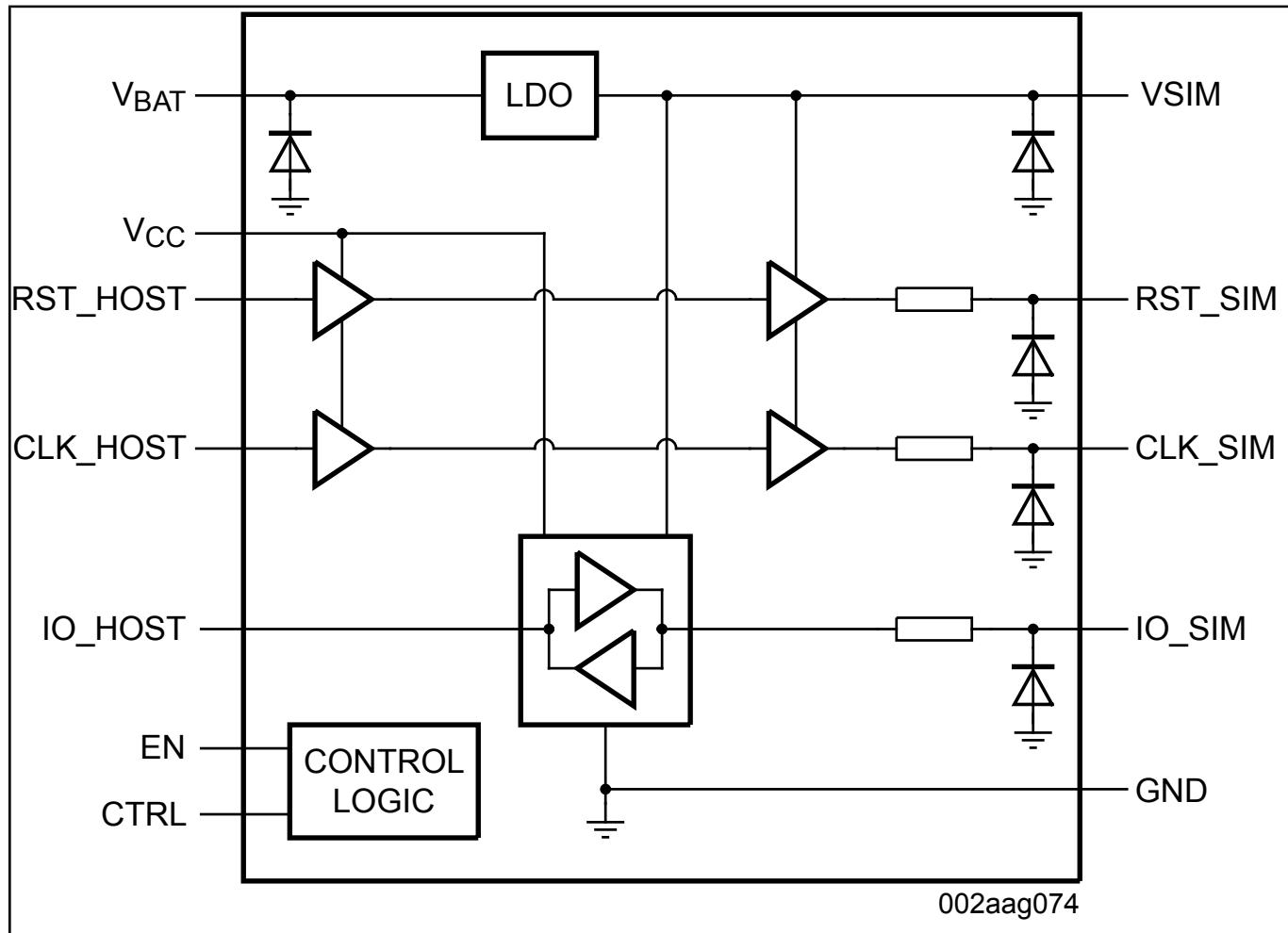
## **NVT4555UK**

Last Updated: Dec 23, 2025

The NVT4555 device is built for interfacing a SIM card with a single low-voltage host side interface. The NVT4555 contains an LDO that can deliver two different voltages, 1.8 V or 2.95 V from typical mobile phone battery voltages up to 5.25 V and three level translators to convert the data, RST<sub>n</sub> and CLK<sub>n</sub> signals between a SIM card and a host microcontroller.

The NVT4555 contains one voltage select pin (CTRL) to select either 1.8 V or 2.95 V for SIM card power supply and one active HIGH enable pin (EN) to enable normal operation. The NVT4555 is compliant with all ETSI, IMT-2000 and ISO-7816 SIM/Smart card interface requirements.

## SIM Card Interface Level Translator and Supply Voltage LDO Block Diagram



[View additional information for SIM Card Interface Level Translator and Supply Voltage LDO.](#)

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

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