

4-Bit Dual Supply Bidirectional I3C/I²C-Bus, SMBus and SPI Voltage-Level Translator

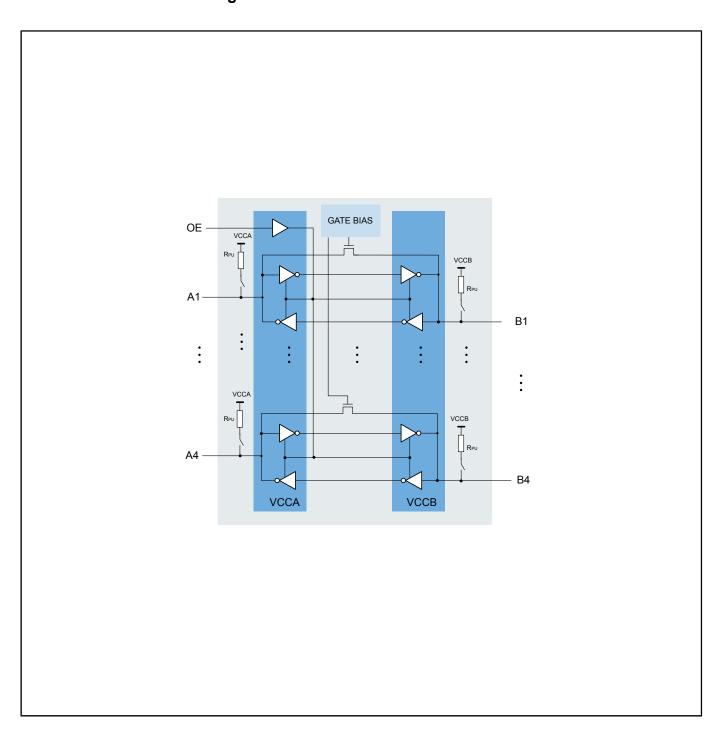
P3A1604

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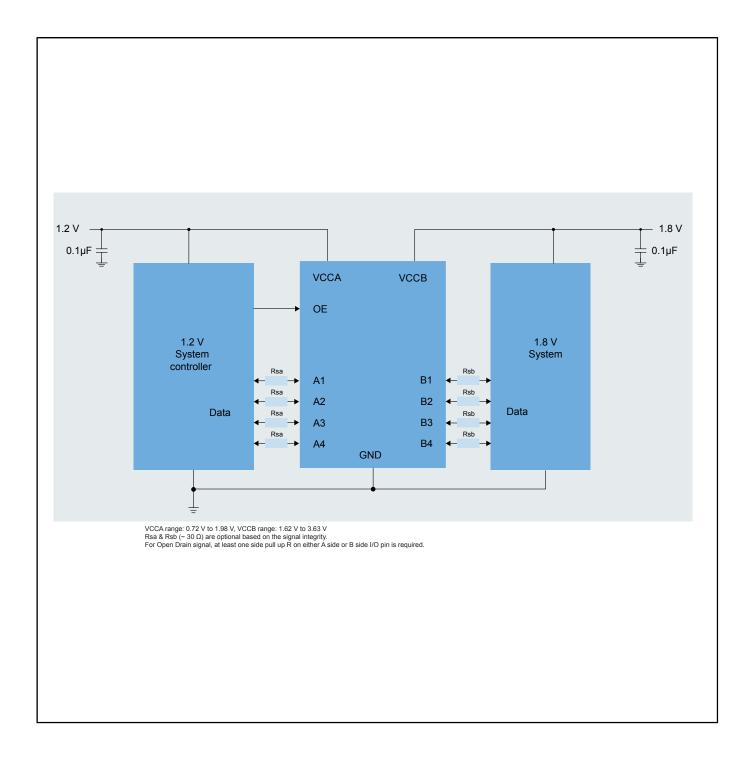
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The P3A1604UK is a 4-bit, dual supply translating transceiver with auto direction sensing, that enables bidirectional voltage level translation. The P3A1604UK has wide supply voltage range, VCCA from 0.72 V to 1.98 V and VCCB from 1.62 V to 3.63 V. It supports I3C / I²C / SMBus / SPI applications. This device helps translate the latest SoC / ASIC / MCU using advance process nodes to interface with peripherals at higher voltage rails.

P3A1604 Internal Block Diagram



P3A1604 Typical Application Circuit Block Diagram



View additional information for 4-Bit Dual Supply Bidirectional I3C/I2C-Bus, SMBus and SPI Voltage-Level Translator.

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

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