



P3S0210 Dual Bidirectional I3C Switch and Voltage Level Translator Evaluation Board

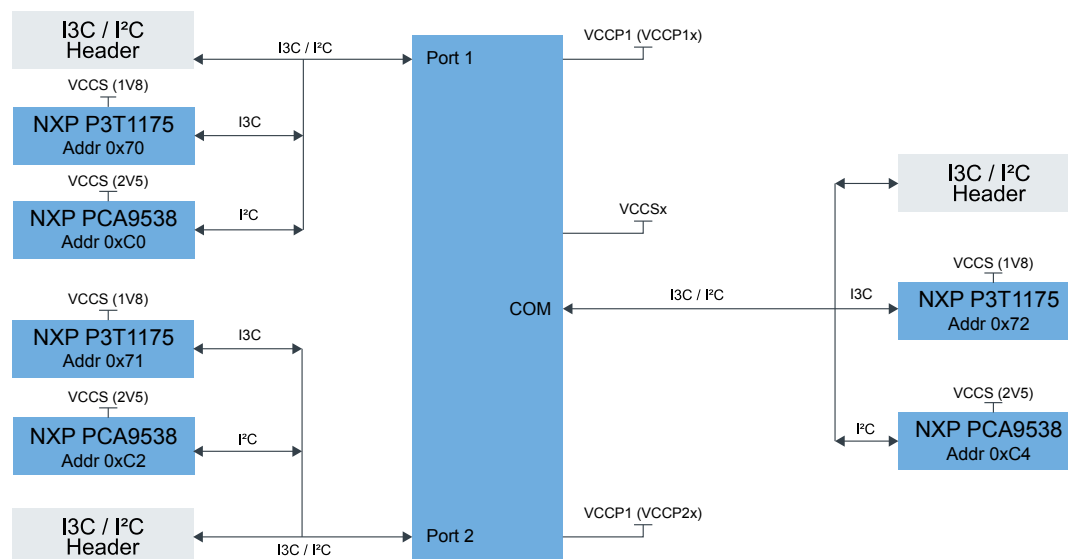
P3S0210BQ-ARD

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The P3S0210 evaluation board allows the customer to evaluate the on-board P3S0210 dual bidirectional I3C-bus 1:2 and 2:1 switch and voltage level translator with auto direction sensing. The evaluation board can be connected to the customer's I²C/I3C controller via a 100 mil pitch header, or via the Arduino® interface headers. The board is powered by a USB cable, and the on-board LDOs are used to provide power to the P3S0210 as well as the rest of the components on the board.

Each P3S0210 port has one on-board 8-bit I²C GPIO expander (PCA9538) and one I3C temperature sensor (P3T1175) connected to the port. The user I²C/I3C controller can access these devices via the port I²C/I3C interface headers.

P3S0210BQ-ARD Block Diagram



■ NXP Technology
 ■ Non NXP Technology
 Optional Technology

View additional information for [P3S0210 Dual Bidirectional I3C Switch and Voltage Level Translator Evaluation Board](#).

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