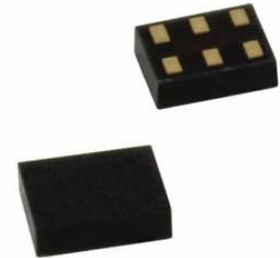


TinyLogic UHS Dual Buffer with Schmitt Trigger Inputs; Package: MicroPak; No of Pins: 6;
 Container: Tape & Reel, Buffers & Line Drivers DI Buff Sch Trigger

Manufacturers	ON Semiconductor, LLC
Package/Case	MicroPak-6
Product Type	Logic ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for NC7WZ17L6X or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The NC7WZ17 is a dual buffer with Schmitt trigger inputs from Fairchild's Ultra-High Speed (UHS) series of TinyLogic® products. The device is fabricated with advanced CMOS technology to achieve ultra-high speed with high output drive, while maintaining low static power dissipation over a very broad VCC operating range. The device is specified to operate over the 1.65V to 5.5V VCC range. The inputs and outputs are high-impedance when VCC is 0V. Inputs tolerate voltages up to 5.5V, independent of VCC operating voltage. Schmitt trigger inputs achieve 1V typical hysteresis between the positive- and negative-going input threshold voltage at 5V.

Features

Ultra-High Speed: tPD 3.6ns (Typical) into 50pF at 5V VCC

High Output Drive: $\pm 24\text{mA}$ at 3V VCC

Broad VCC Operating Range: 1.65V to 5.5V

Matches Performance of LCX when Operated at 3.3V VCC

Power Down High Impedance Inputs/Outputs

Over-Voltage Tolerance Inputs Facilitate 5V to 3V Translation

Proprietary Noise/EMI Reduction Circuitry

Ultra-Small MicroPak™ Packages

Space-Saving SC70 Package

Application

ONSEMI

Related Products



[NC7SZ18P6X](#)

ON Semiconductor, LLC
SC-70-6



[NC7SV32P5X](#)

ON Semiconductor, LLC
SC-70



[NC7S32M5X](#)

ON Semiconductor, LLC
SOT-23



[NC7WZ08K8X](#)

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VSOP-8



[NC7SV04P5X](#)

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SC-70-5



[NC7SV08P5X](#)

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SC-70



[NC7SV157P6X](#)

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SC-70-6



[NC7SZ00P5X](#)

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SC-70