

Analogue Comparator, Rail to Rail, Low Voltage, 1 Comparator, 580 ns, 850mV to 6V, μ DFN, 6 Pins

Manufacturers	ON Semiconductor, LLC
Package/Case	6-UDFN
Product Type	Comparator ICs
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for NCS2202AMUTBG or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.



General Description

The NCS2200 Series is an industry first sub-one volt, low power comparator family. These devices consume only 10 A of supply current. They are guaranteed to operate at a low voltage of 0.85 V which allows them to be used in systems that require less than 1.0 V and are fully operational up to 6.0 V which makes them convenient for use in both 3.0 V and 5.0 V systems. Additional features include nooutput phase inversion with overdriven inputs, internal hysteresis, which allows for clean output switching, and rail-to-rail input and output performance. The NCS2200 Series is available in complementary and open drain outputs and a variety of packages. There are two industry standard pinouts for SOT-23-5 and SC70-5 packages. The NCS2200 is also available in the tiny DFN 2x2.2 package. The NCS2200A and NCS2202A are available in UDFN 1.2x1.0 package.

Features

- Operating Voltage of 0.85 V to 6.0 V
- Rail-to-Rail Input/Output Performance
- Low Supply Current of 10 A
- No Phase Inversion with Overdriven Input Signals
- Glitchless Transitioning in or out of Tri-State Mode
- Complementary or Open Drain Output Configuration
- Internal Hysteresis

Application

ONSEMI

Related Products



[NCV2200SQ2T2G](#)

ON Semiconductor, LLC
SC-88A



[NCV391SN2T1G](#)

ON Semiconductor, LLC
TSOP-5



[NCS2200SQLT1G](#)

ON Semiconductor, LLC
DFN-6



[NCS2252SQ2T2G](#)

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SC-88A / SC-70-5



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