

Analogue Comparator, Rail to Rail, Low Voltage, 1 Comparator, 1.1 μ s, 850mV to 6V, μ DFN, 6 Pins

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



Images are for reference only

Please submit RFQ for NCS2200AMUT1G or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The NCS2200 series is an in industry first sub-one volt, low power comparator family. These devices consume only 10uA of supply current. They are guaranteed to operate at a low voltage of 0.85V which allows them to be used in systems that require less than 1.0V and are fully operational up to 6.0V which makes them convenient for use in both 3.0V and 5.0V systems. Additional features include no output phase inversion and overdriven inputs, internal hysteresis, which allows for clean output switching, and rail-to-rail input and output performance. The NCS2200 series is available in the tiny SOT23-5. There are eight options featuring two industry standard pinouts. Additionally, the NCS2200 and NCS2202 are available in the SC70-5 package. The NCS2200 is also available in the tiny DFN 2x2.2 package. The NCS2200A is available in UDFN 1.2x1.0 package.

Features

Operating Voltage of 0.85 V to 6.0 V

Low operating voltage enables sub 1.0V applications

Rail-to-rail Input/Output Performance

Smallest automotive qualified comparator available

Low Supply Current of 10 μ A

No Phase Inversion/Glitchless transitioning in or out of Tri-State Mode

Complementary or Open Drain Output Configuration

Available with the Enable Function

Application

ONSEMI

Related Products



[NCV2200SQ2T2G](#)

ON Semiconductor, LLC
SC-88A



[NCV391SN2T1G](#)

ON Semiconductor, LLC
TSOP-5



[NCS2200SQLT1G](#)

ON Semiconductor, LLC
DFN-6



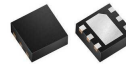
[NCS2252SQ2T2G](#)

ON Semiconductor, LLC
SC-88A / SC-70-5



[NCS2200SQ2T2G](#)

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[NCS2202AMUTBG](#)

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6-UDFN



[NCS2202SQ1T2G](#)

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SC-70-5



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