

## 製品概要

## NCS20282: 7 MHz, Dual Operational Amplifier with Enable in CSP, Low Power

技術情報は、データシートをご参照ください。

The NCS20282 high precision op amp features a wide bandwidth along with shutdown. These amplifiers provide low bias current useful for transimpedance applications. The wide bandwidth eases the design of active filters. The NCS20282 is specified for operation from -40°C to +125°C.

## 特長

- Gain Bandwidth: 7MHz
- Low Bias Current: 50 pA (typ)
- Offset Voltage: 1.5mV max
- ShutDown Current: 1uA Max
- Quiescent Current: 850uA (typ), 1.3mA (max)
- Slew Rate: 5V/us
- Supply Voltage: 2.5 to 5.5V

## 利点

- Higher Speed
- Low Leakage current
- Higher accuracy
- Low Power Consumption
- Low Power
- Fast input signal response

## アプリケーション

- Transimpedance Applications

## 最終製品

- Portable/ Handheld Devices
- Gas Detectors
- Particulate Matter sensors

## 電氣的仕様

製品	Pricing (\$/Unit)	Compliance	Status	Rail to Rail	Channels	V <sub>S</sub> Min (V)	V <sub>S</sub> Max (V)	I <sub>Q</sub> Typ (mA)	V <sub>OS</sub> Max (mV)	GB W Typ (MHz)	SR Typ (V/μs)	I <sub>O</sub> Typ (mA)	ΔV <sub>OS</sub> /ΔT (μV/°C)	e <sub>N</sub> (nV/√Hz)	I <sub>bias</sub> Typ (pA)	CM RR Typ (dB)	Architecture	Temperature Range (°C)	Package Type
NCS20282FCTTAG	0.2867	Pb-free Halide free non AEC-Q and PPAP	Active	Input/Output	2	2.5	5.5	0.85	1.5	7	5	10	2	20	50	86	CMOS	-40 to 125	WLCSP-9

詳細は、弊社 [www.onsemi.jp](http://www.onsemi.jp) の営業または販売代理店にお問い合わせください。

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