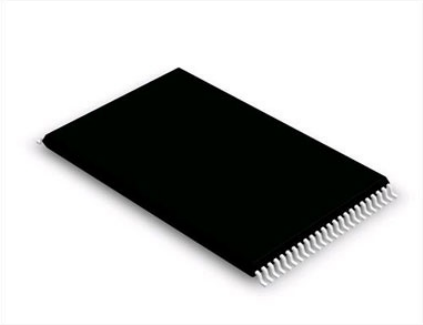
NCS325SN2T1G

Data Sheet

Operational Amplifier, RRIO, 1 Amplifier, 350 kHz, 0.16 V/µs, 1.8V to 5.5V, SOT-23, 5 Pins

Manufacturers	ON Semiconductor, LLC
Package/Case	TSOP-5
Product Type	Amplifier ICs
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for NCS325SN2T1G or Email to us: sales@ovaga.com We will contact you in 12 hours.

RFQ

General Description

The NCS325 is a CMOS operational amplifier providing precision performance. The Zero−Drift architecture allows for continuous auto−calibration, which provides very low offset, near−zero drift over time and temperature, and near flat 1/f noise at only 35 µA (max) quiescent current. These benefits make it ideal for precision DC applications. The NCS325 provides rail−to−rail input and output performance and is optimized for low voltage operation as low as 1.8 V and up to 5.5 V. The NCS325 is available in the space saving SOT23−5 package.

Features

Low Offset Voltage: 14 µV typ, 50 µV max at 25°C

Higher precision and reduced error

Zero Drift: 0.25 µV/°C max

Low offset voltage variability over temperature

Low Noise: 1 µVpp, 0.1 Hz to 10 Hz

Reduced error from noise

Quiescent Current: 21 µA typ, 35 µA max at 25°C

Low current consumption

Rail−to−Rail Input and Output

Wide input and output range

Internal EMI Filtering

Improved EMI Immunity

Supply Voltage: 1.8 V to 5.5 V

Wide supply voltage range

Application

ONSEMI

Related Products

NCV33202VDR2G

ON Semiconductor, LLC

SOIC-8

NCP2820MUTBG

ON Semiconductor, LLC

UDFN-8

NCV33074ADTBR2G

ON Semiconductor, LLC

TSSOP-14

NCV2001SN2T1G

ON Semiconductor, LLC

TSOP-5

NCV7351D1ER2G

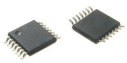
ON Semiconductor, LLC

SOIC-8

NCV33272ADR2G

ON Semiconductor, LLC

SOIC-8



NCV33274ADTBR2G

ON Semiconductor, LLC

TSSOP-14

NCS20072DTBR2G

ON Semiconductor, LLC

TSSOP-8