

Product Overview

NCS2372: Operational Amplifier, 1.0 A, Dual

For complete documentation, see the data sheet.

The NCS2372 is a monolithic circuit intended for use as a power op amp in a wide range of applications, including servo amplifiers and power supplies. No deadband crossover distortion provides better performance for driving coils.

Features

- Output Current to 1.0 A
- Slew Rate of 1.3 V/s
- Wide Bandwidth of 1.1 MHz
- Internal Thermal Shutdown
- Single or Split Supply Operation
- Excellent Gain and Phase Margins
- Common Mode Input Includes Ground
- Zero Deadband Crossover Distortion

Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Rail to Rail	Channels	V _S Min (V)	V _S Max (V)	I _q Typ (mA)	V _{OS} Max (mV)	GBW Typ (MHz)	SR Typ (V/μs)	I _O Typ (mA)	ΔV _o s/ΔT (μV/C)	e _N (nV/√Hz)	I _{bias} Typ (pA)	CMRR Typ (dB)	Architecture	Temperature Range (°C)	Package Type
NCS2372DWR2G	0.468	Pb-free Halide free	Active	-	2	5	40	4	15	1.4	1.4	1000	20	22	10000	90	Bipolar	-40 to 125	SOIC-16W

For more information please contact your local sales support at www.onsemi.com.

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