

## Product Overview

### NCP4208: Synchronous Buck Converter, 8-Phase, VR11.1 Programmable, with I2C Interface

For complete documentation, see the data sheet.

The NCP4208 is an integrated power control IC with an I2C interface. The NCP4208 is a highly efficient, multiphase, synchronous buck switching regulator controller, which aids design of High Efficiency and High Density solutions. The NCP4208 can be programmed for 1, 2, 3, 4, 5, 6, 7 or 8 phase operation, allowing for the construction of up to 8 complementary buck switching stages.

#### Features

- Fast enhanced PWM

#### Applications

- CPU Vcore

#### Benefits

- Excellent load transition performance

#### End Products

- Desktop PC, servers

### Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Topology	Phases	Control Mode	V <sub>CC</sub> Min (V)	V <sub>CC</sub> Max (V)	f <sub>sw</sub> Typ (kHz)	Package Type
NCP4208MNR2G	1	Pb-free Halide free	Active	Step-Down	1/2/3/4/5/6/7/8				1500	QFN-48

For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com).

Created on: 7/8/2020