

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	Compliance	Status	Topology	Phases	Control Mode	V _{CC} Min (V)	V _{CC} Max (V)	f _{SW} Typ (kHz)	Package Type
NCP4208MNR2G	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.

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