

## Product Overview

### NCP435: Controlled Load Switch, Ultra Small, 2.0 A, with Auto-Discharge Path

For complete documentation, see the data sheet.

The NCP434 and NCP435 are very low Ron MOSFET controlled by external logic pin, allowing optimization of battery life, and portable device autonomy. Indeed, thanks to a current consumption optimization with PMOS structure, leakage currents are eliminated by isolating connected IC on the battery when not used. Output discharge path is available in NCP435 version.

#### Features

- 1.2 V - 3.6 V operating range
- 29 mOhms RDSON at 3.3V
- DC current up to 2 A
- Output Auto-discharge (NCP435)
- WLCSP4 0.96 x 0.96 mm

#### Applications

- Smart phones
- Computing
- Tablets
- Portable devices

#### Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Channels	$r_{on}$ (mΩ)	I Max (A)	V <sub>I</sub> Min (V)	V <sub>I</sub> Max (V)	Package Type
NCP435FCT2G	0.2	Pb-free Halide free	Active	1	29	2	1	3.6	WLCSP-4

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

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