

## Product Overview

### NCP433: Controlled Load Switch, Ultra-Small, 1.5 A, with Auto-Discharge Path

For complete documentation, see the data sheet.

The NCP432 and 433 are low Ron MOSFET controlled by an 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's on the battery when not used.

#### Features

- 1.0 V - 3.6 V Operating Range
- 37 m P MOSFET at 3.3 V
- DC Current up to 1.5 A
- Active High EN Pin
- Output Auto-Discharge for the NCP433

#### Applications

- Load Management

#### End Products

- Smartphones, Tablets, Digital cameras

#### Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Channels	$r_{on}$ (m $\Omega$ )	Max Current (A)	$V_{in}$ Min (V)	$V_{in}$ Max (V)	Package Type
NCP433FCT2G	0.3293	Pb-free Halide free non AEC-Q and PPAP	Active	1	35	1.5	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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