Product Overview

NCP333: Load Switch with Discharge Path, 1.5 A

For complete documentation, see the data sheet.

The NCP333 is a 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

- 1.2 V 5.5 V Operating Range
- 55 mΩ P MOSFET at 3.3 V
- DC Current up to 1.5 A
- Output Auto-Discharge
- Active High EN Pin

Applications

- Load Management

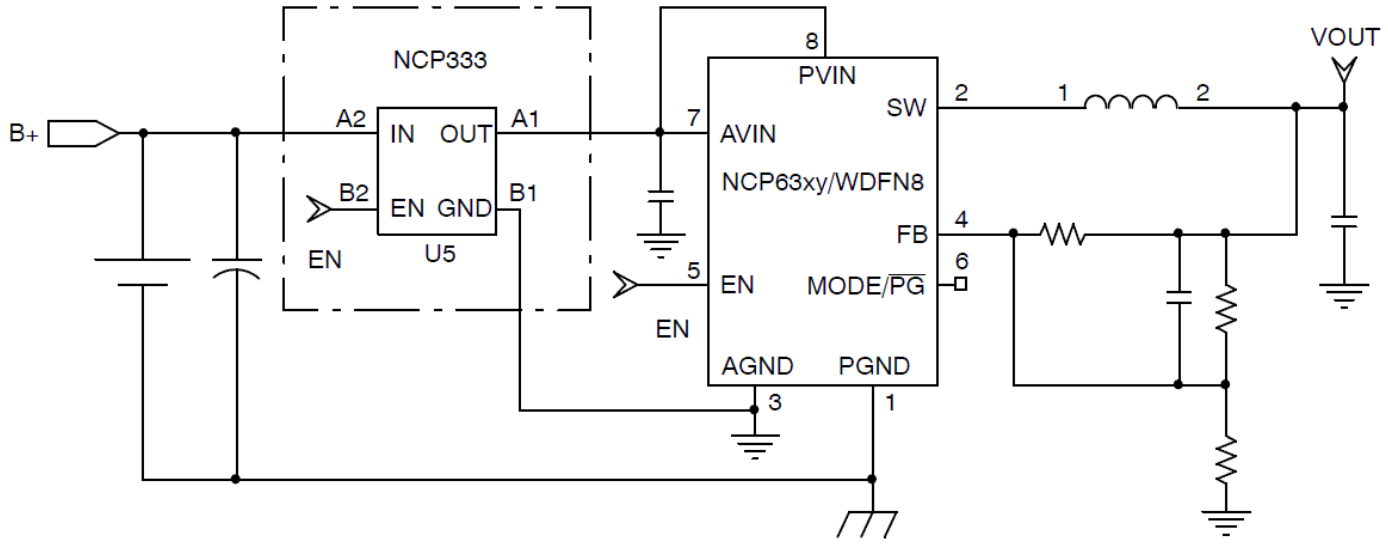
End Products

- Mobile Phones
- Tablets
- Digital Cameras
- GPS

Part Electrical Specifications

Product	Pricing ($/Unit)	Compliance	Status	Channels	r_{on} (mΩ)	I Max (A)	V_I Min (V)	V_I Max (V)	Package Type
NCP333FCT2G	0.12	Pb-free Halide free	Active	1	55	1.5	1.2	5.5	WLCSP-4

Application Diagram



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