

## Product Overview

### FUSB3301: USB Type-C Source-Only Controller

For complete documentation, see the data sheet.

The FUSB3301 is an autonomous Source only Type-C controller optimized for mobile chargers and power adapters. It broadcasts the available current of the charger over CC1/CC2 using the USB Type-C standard and prevents VBUS from being asserted until a valid connection has been verified. It can be used for up to 15 W charging using Type-C protocols. The FUSB3301 has very low standby power consumption and is package in a 0.5 mm pitch package to accommodate power adapter PCBs.

### Features

- Fully Autonomous Type-C Controller
- Supports Type-C Version 1.1
- Fixed Source Mode
- Low Standby Power: ICC = 5  $\mu$ A (Typical)
- VBUS Switch Control
- Advertises Three Standard Type-C VBUS Current Levels (900 mA, 1.5 A, 3.0 A)
- 2 kV HBM ESD Protection
- 10 Lead MLP Package
- VDD Operating Range, 3.0 V - 5.5 V

### End Products

#### Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Mode Support	Power Delivery Communication Support	IC Features	Package Type
FUSB3301MPX	0.4667	Pb-free Halide free	Active	DFP (Source)	No	Autonomous CC Detection	WDFN-10

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

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