

Product Overview

FUSB301A: Autonomous USB Type-C Controller with Configurable I²C Address

For complete documentation, see the data sheet.

The FUSB301A is a fully autonomous Type-C controller optimized for $\leq 15\text{ W}$ applications. The FUSB301A offers CC logic detection for Source Mode, Sink Mode, DRP, accessory detection support, and dead battery support. The FUSB301A features configurable I2C address to support multiple ports per system. The FUSB301A features an extremely low power disable mode as well as low power during normal operation. It is available in an ultra thin, 12-Lead TMLP package.

Features

- Fully Autonomous Type-C Controller Supports Type-C Version 1.1
- VDD Operating Range, 3.0 V- 5.5 V
- Low Disable Power: ICC = 2.0 μA (Max.)
- Low Standby Power: ICC = 7.0 μA (Max.)
- DRP Mode with Optional Accessory Support
- Configurable I2C Address
- Capable of Supporting Try.SNK and Try.SRC
- Dead Battery Support (UFP Support when No Power Applied)
- 2 kV HBM ESD Protection
- Small Packaging, 12 Lead TMLP (1.6 mm x 1.6 mm x 0.375 mm)

For more features, see the data sheet

Applications

- This product is general usage and suitable for many different applications.

Part Electrical Specifications

Product	Pricing (\$/Unit)	Compliance	Status	Mode Support	Power Delivery Communication Support	IC Features	Package Type
FUSB301ATMX	0.3067	Pb-free Halide free	Active	UFP (Sink)	No	Debug Accessory Support	X2QFN-12

For more information please contact your local sales support at www.onsemi.com.

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