# XinaBox Datasheet PU02 - USB (Micro) Power Supply



## **Overview**

This xCHIP is designed to supply power to connected xCHIPS via a Micro USB cable. Voltage regulation from USB power provided by on-board AP2114 LDO, which features 1 A continuous current output, good output regulation accuracy and short circuit protection.

# **Product Highlights**

- 1 A Continuous Output Current
- LED Power Indicator
- Micro USB Connector
- Fold-back Short Current Protection

# **Specifications**

- Output Voltage Accuracy: ±1.5%
- Output Current: 1A
- Fold-back Short Current Protection: 50mA
- Low Quiescent Current: 60µA
- Low Output Noise: 30µV RMS
- OTSD Protection
- Operating Temperature Range: -40°C to 85°C

## **External Links**

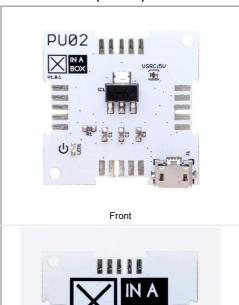
#### **Datasheet**

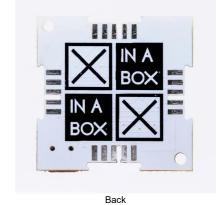
 AP2114 From BCD Semiconductor Manufacturing Limited (https://www.diodes.com/assets/ Datasheets/AP2114.pdf)

#### Shop

Buy PU02 (https://xinabox.cc/products/PU02)

### PU02 - USB (Micro) Power Supply (AP2114)





	Dack
Σ	CHIP
Main Category	Power
Sub Category	USB
Introduced	1 January 2017
Current version	1.0.0
Current version date	1 January 2017
Dim	nensions
Size	2x2U (32x32mm)
Weight	3.2 g
Height	4/0/0 mm
Non-⊠BU	S Connections
South	USB Micro B & ⊠BUS
Main	Chip Set
Main Chip	AP2114