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Overview

This xCHIP is a low-power, monolithic, 8-bit, analog-to-digital converter (ADC).

Product Highlights

- I2C-Compatible 2-Wire Interface Which Supports Standard, Fast, and High Speed Modes

Applications

- System Monitoring
- Peak Detection
- Portable Instruments
- Medical Instruments
- Test Equipment

Specifications

- I2C-Compatible 2-Wire Interface Which Supports Standard (100 kHz), Fast (400 kHz), and High Speed (3.4 MHz) Modes
- Out-of-Range Alert Function
- Automatic Power-Down Mode While Not Converting

External Links

Documents

- ADC081C021 From Texas Instruments (<http://www.ti.com/lit/ds/symlink/adc081c021.pdf>)

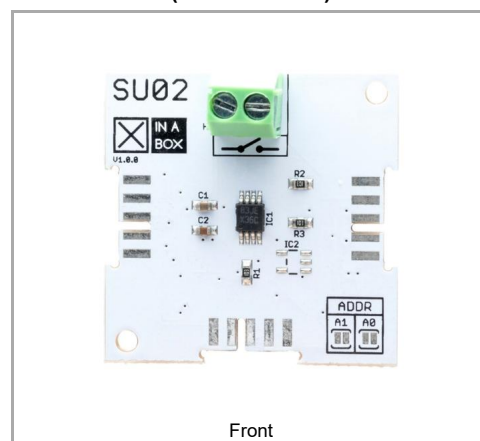
Shop

- Buy SU02 (<https://xinabox.cc/products/SU02>)

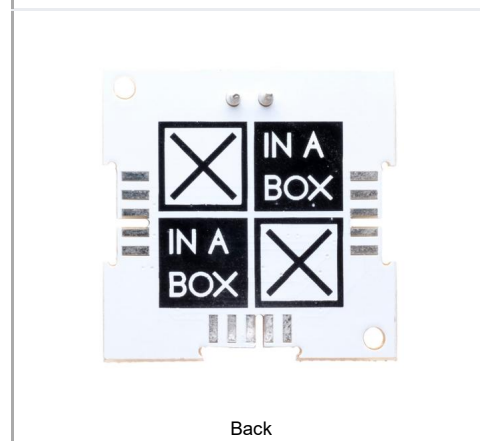
GitHub

- SU02 on GitHub (<https://github.com/xinabox/xSU02>)

SU02 - Universal Digital Input (ADC081C021)



Front



Back

XCHIP	
Main Category	Sensor
Sub Category	Universal
Introduced	1 January 2017
Current version	1.0.0
Current version date	1 January 2017
Dimensions	
Size	2x2U (32x32mm)
Weight	4.4 g
Height	12.3/0/0 mm
Main Chip Set	
Main Chip	ADC081C021
I ² C Speed	3.4 MHz
I ² C Configuration	
Default Address	0x55
Change Setting	0x59 0x56 0x5A