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EVAL-CN0216-ARDZ





# **EVAL-CN0216-ARDZ**

PRODUCTS

Arduino Compatible High Gain Weigh Scale Design (CN0216)













## **Features**

- Form Factor Compatible with Arduino
- Usable for 4- or 6- wire sensors
- High gain of 400, for wide bridge sensor ranges
- · Low power, single supply operation

# Applicable Parts

- AD7791
- ADA4528-1
- ADP3301

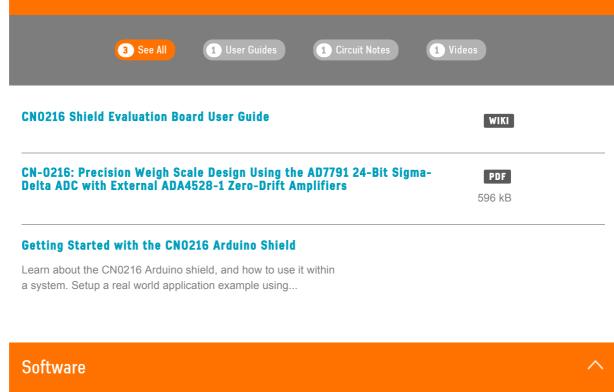
# **Package Contents**

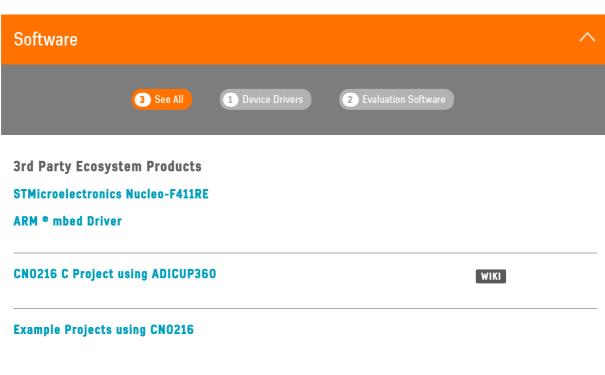
- EVAL-CN0216-ARDZ Board
- Design Support CD

## **Product Details**

CN-0216 is a precision weigh scale signal conditioning system. It uses the AD7791, a low power buffered 24-bit sigma-delta ADC along with dual external ADA4528-1 zero-drift amplifiers. This solution allows for high dc gain with a single supply.

This circuit allows great flexibility in designing a custom low-level signal conditioning front end that gives the user the ability to easily optimize the overall transfer function of the combined sensor-amplifier-converter circuit.







## **Development Platform**

## **EVAL-ADICUP360**

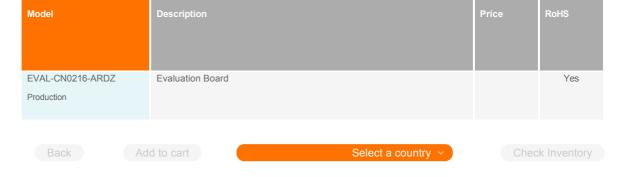
Arduino form factor compatible ARM Cortex-M3 Development Platform



## **Evaluation Boards**

Pricing displayed is based on 1-piece.

Мо	del	Description	Price	RoHS



Pricing displayed is based on 1-piece. The USA list pricing shown is for budgetary use only, shown in United States dollars (FOB USA per unit), and is subject to change. International prices may vary due to local duties, taxes, fees and exchange rates.



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