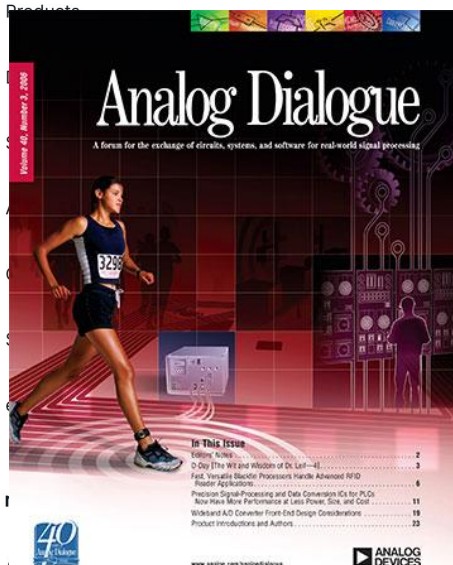


VOLUME 40
NUMBER 3

Products

Design
Resources

Solutions

About
UsCareers (<https://www.analog.com/en/careers.html>)Support (<https://www.analog.com/en/support.html>)

Download (<https://www.analog.com/media/en/analog-dialogue/volume-40/number-3/articles/volume40-number3.pdf>)

Maxim Storefront is Now ADI eShop!

Click here to quickly order ADI products from one piece to full production quantities.

Fast, Versatile Blackfin® Processors Handle Advanced RFID Reader Applications (<https://www.analog.com/en/resources/analog-dialogue/articles/blackfin-processors-handle-rfid-applications.html>)

Q Search

X

Search

Precision Signal Processing and Data Conversion ICs for PLCs Now Have More Performance at Less Power, Size, and Cost

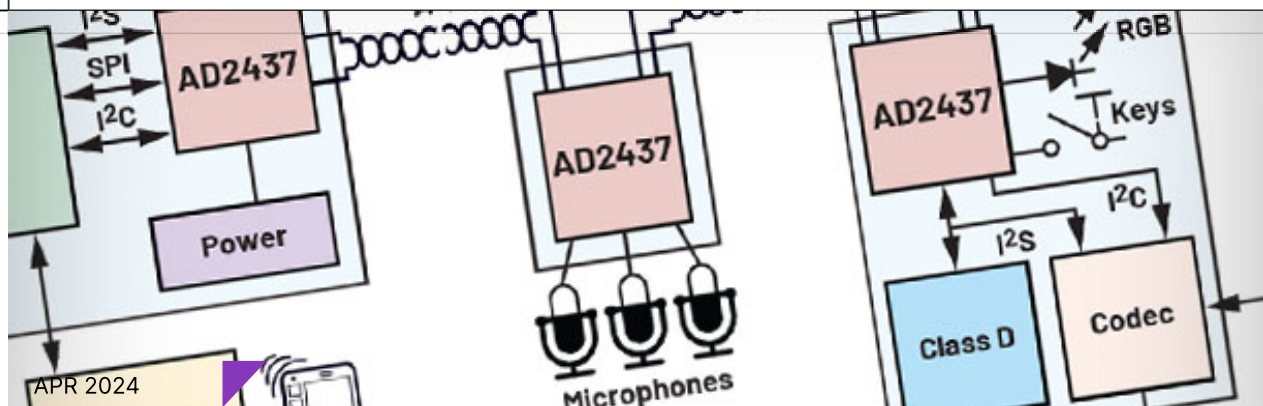
(<https://www.analog.com/en/resources/analog-dialogue/articles/precision-plc-signal-processing-data-conversion.html>)

Looking for old or competitor parts? Go to cross reference search

Looking for EZ Community content? Go to EngineerZone search

Wideband A/D Converter Front-End Design Considerations: When to Use a Double Transformer Configuration (<https://www.analog.com/en/resources/analog-dialogue/articles/wideband-a-d-converter-front-end-design-considerations.html>)

D-Day [The Wit and Wisdom of Dr. Leif—4] (<https://www.analog.com/en/resources/analog-dialogue/articles/d-day-for-dr-leif.html>)



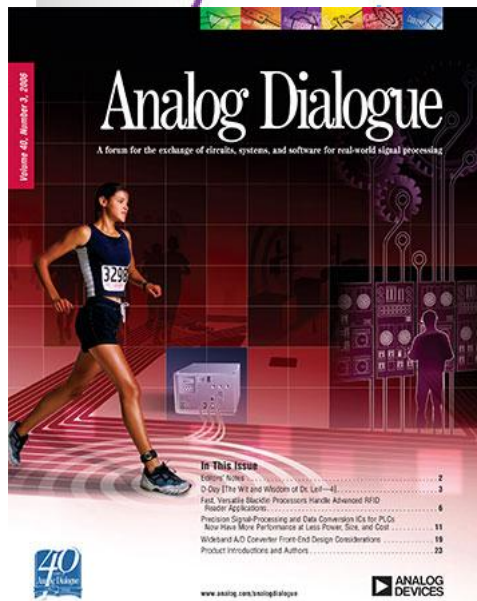
Why A²B Enables New and More Complex Data and Audio Transport Systems



Roland Prager

VOLUME 40

NUMBER 3



Explained— Part 1

Download (https://www.analog.com/media/en/analog-dialogue/volume-40/number-3/articles/volume40-number3.pdf).

IN THIS ISSUE

Fast, Versatile Blackfin® Processors Handle Advanced RFID Reader Applications (https://www.analog.com/en/resources/analog-dialogue/articles/blackfin-processors-handle-rfid-applications.html).

Precision Signal-Processing and Data-Conversion ICs for PLCs Now Have More Performance at Less Power, Size, and Cost (https://www.analog.com/en/resources/analog-dialogue/articles/precision-plc-signal-processing-data-conversion.html).

Wideband A/D Converter Front-End Design Considerations: When to Use a Double Transformer Configuration (https://www.analog.com/en/resources/analog-dialogue/articles/wideband-a-d-converter-front-end-design-considerations.html).

D-Day, [The Wit and Wisdom of Dr. Leif—4] (https://www.analog.com/en/resources/analog-dialogue/articles/d-day-for-dr-leif.html).

Rarely Asked Questions

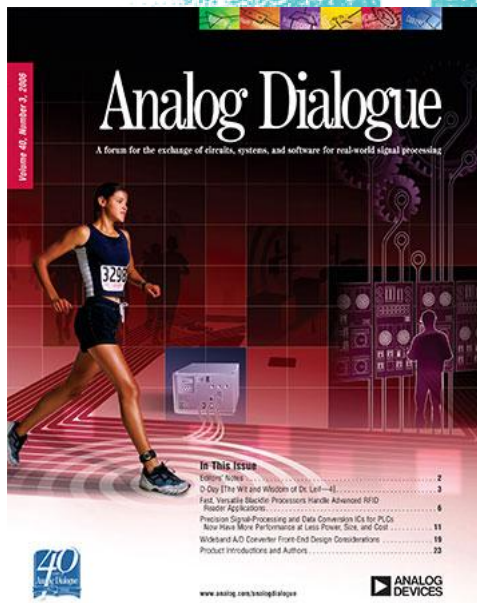
Issues of Switch-Mode Power Supply and Rectifier Capacitor Issues

by Kenneth Armijo and Piyu Dhaker

I am having trouble getting a regulated output voltage when n

VOLUME 40

NUMBER 3



recent graduate with an interest in analog electronics, you're just a click or two away from helpful resources.

Download ([https://www.analog.com/media/en/analog-dialogue/volume-40/number-](https://www.analog.com/media/en/analog-dialogue/volume-40/number-3/articles/volume40-number3.pdf)

[3/articles/volume40-number3.pdf](https://www.analog.com/media/en/analog-dialogue/volume-40/number-3/articles/volume40-number3.pdf))

IN THIS ISSUE

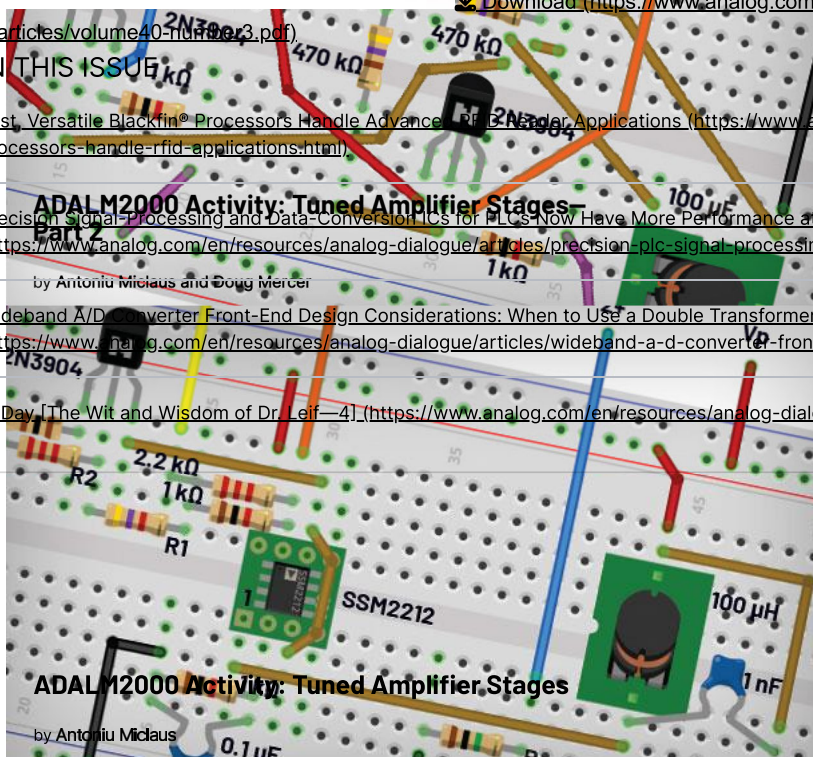
Fast, Versatile Blackfin® Processors Handle Advanced RFID Reader Applications (<https://www.analog.com/en/resources/analog-dialogue/articles/blackfin-processors-handle-rfid-applications.html>)

ADALM2000 Activity: Tuned Amplifier Stages—Part 2
Precision Signal Processing and Data Conversion ICs for PLCs Now Have More Performance at Less Power, Size, and Cost
(<https://www.analog.com/en/resources/analog-dialogue/articles/precision-plc-signal-processing-data-conversion.html>)

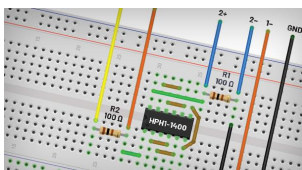
by Antoniu Miclaus and Doug Mercer

Wideband A/D Converter Front-End Design Considerations: When to Use a Double Transformer Configuration
(<https://www.analog.com/en/resources/analog-dialogue/articles/wideband-a-d-converter-front-end-design-considerations.html>)

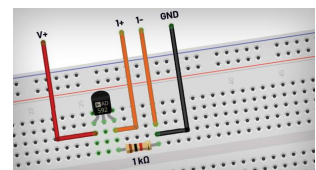
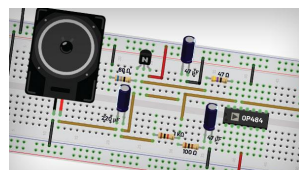
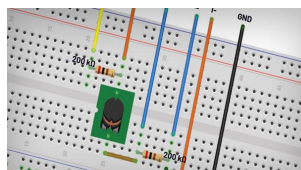
D-Day: The Wit and Wisdom of Dr. Leif—41 (<https://www.analog.com/en/resources/analog-dialogue/articles/d-day-for-dr-leif.html>)



More StudentZone Articles

ADALM2000 Activity:
Transformers

by Antoniu Miclaus

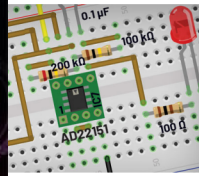
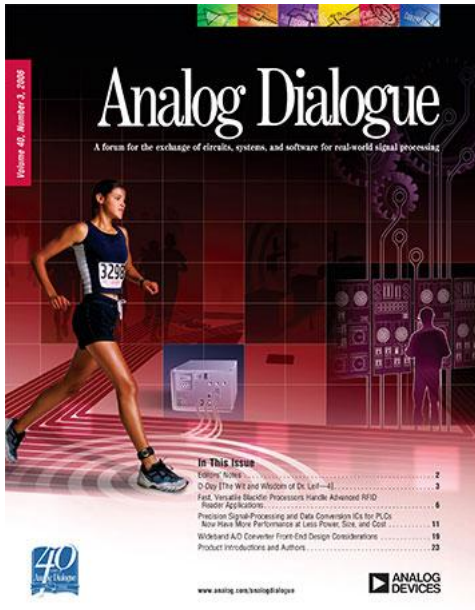


VOLUME 40 NUMBER 3

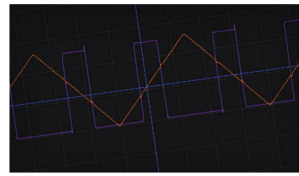
ADALM2000 Activity: Inductor Self Resonance
by Antoniu Miclaus and Doug Mercer

ADALM2000 Activity: Audio Amplifier with Electret Microphone
by Andreea Pop and Antoniu Miclaus

ADALM2000 Activity: IC Temperature Sensors
by Antoniu Miclaus and Andreea Pop



ADALM2000 Activity: Magnetic Sensor
by Andreea Pop and Antoniu Miclaus



ADALM2000 Activity: Temperature Control Using a Window Comparator
by Doug Mercer and Antoniu Miclaus

View Past
StudentZone
Articles



D-Day [The Wit and Wisdom of Dr. Leif—4] (<https://www.analog.com/en/resources/analog-dialogue/articles/d-day-for-dr-leif.html>).

1967

Subscribe to receive the latest articles every month!

Our newsletter provides updates on newly available products, solutions, published articles, webcasts and other resources that contribute to innovative design.

Subscribe to *Analog Dialogue*



Give Feedback



Analog Dialogue Turned 50

For five decades, we've been honored to be your engineering resource for innovative design. Take a look back with our first editor and discover some of our favorite articles.

[View highlights from five decades of innovation >](#)

About Analog Devices

VOLUME 40

Who We Are (<https://www.analog.com/en/who-we-are.html>)

Careers (<https://www.analog.com/en/careers.html>)

Newsroom (<https://www.analog.com/en/newsroom.html>)

What's New (<https://www.analog.com/en/resources/signals.html>)

Investment (<https://www.analog.com/en/resources/support/quality-and-reliability.html>)

Sales (<https://www.analog.com/en/resources/who-we-are/corporate-information/sales-distribution.html>)

Contact Us (<https://www.analog.com/en/resources/contact.html>)

Find a Sales Representative (<https://www.analog.com/en/resources/sales-representatives.html>)

Support (<https://www.analog.com/en/resources/support.html>)

Engineering Resources (<https://www.analog.com/en/resources/technical-resources.html>)

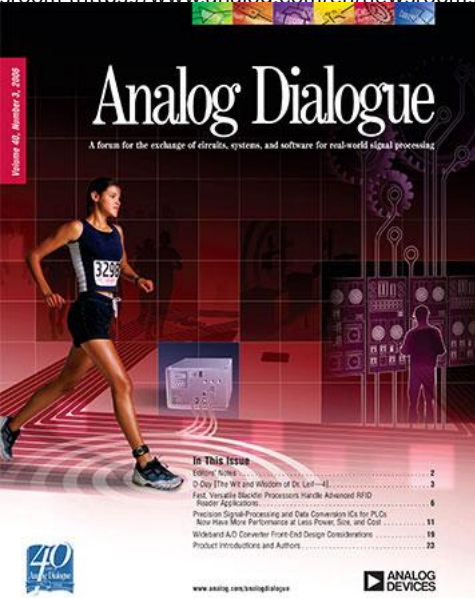
Wiki (<https://wiki.analog.com/>)

Analog Dialogue (<https://www.analog.com/en/resources/analog-dialogue.html>)

MY Analog (<https://www.analog.com/en/resources/my-analog.html>)

Interact (<https://www.analog.com/en/resources/interact.html>)

G

The cover of Analog Dialogue Volume 40, Number 3, features a runner in a blue singlet and black shorts, with a race bib number 3238, running on a track. The background is a dark, stylized circuit board with various electronic components and a person standing in the distance. The title 'Analog Dialogue' is prominently displayed at the top in a large, white, serif font. Below the title, it says 'A forum for the exchange of circuits, systems, and software for real-world signal processing'. The issue number 'Volume 40, Number 3, 2008' is in the top left corner. The Analog Devices logo is in the bottom right corner. A small '40' logo is in the bottom left corner.

[Download \(<https://www.analog.com/media/en/analog-dialogue/volume-40/number-3/articles/volume40-number3.pdf>\)](https://www.analog.com/media/en/analog-dialogue/volume-40/number-3/articles/volume40-number3.pdf)

IN THIS ISSUE

Fast, Versatile Blackfin® Processors Handle Advanced RFID Applications (<https://www.analog.com/en/resources/analog-dialogue/articles/blackfin-processors-handle-rfid-applications.html>)

Legal and Risk (<https://www.analog.com/en/resources/legal-and-risk-oversight.html>)

Accessability (<https://www.analog.com/en/resources/accessability-statement.html>)

Privacy Policy (<https://www.analog.com/en/resources/privacy-policy.html>)

Privacy Settings (<https://www.analog.com/en/resources/privacy-settings.html>)

Cookie Settings (<https://www.analog.com/en/resources/cookie-settings.html>)

[Wideband A/D Converter Front-End Design Considerations: When to Use a Double Transformer Configuration \(<https://www.analog.com/en/resources/analog-dialogue/articles/wideband-a-d-converter-front-end-design-considerations.html>\)](https://www.analog.com/en/resources/analog-dialogue/articles/wideband-a-d-converter-front-end-design-considerations.html)

[D-Day, \[The Wit and Wisdom of Dr. Leif—4\] \(<https://www.analog.com/en/resources/analog-dialogue/articles/d-day-for-dr-leif.html>\)](https://www.analog.com/en/resources/analog-dialogue/articles/d-day-for-dr-leif.html)