

#### FEATURED STORY



## Under Control: A Quick Guide to Gas System Controllers

Today's rapidly changing industrial world is focused on innovation. And ultra high purity gas is often the backbone of innovation across sectors. For organizations that rely on UHP gases, it's crucial to have the proper equipment in place to ensure efficient and safe gas delivery. <u>Read our quick guide</u> to learn why gas control technology is so important—and discover how to choose the ideal controller for your unique requirements.



## What the Signing of the CHIPS Act Means for Semiconductor Fabs

This month, U.S. President Joe Biden signed the CHIPS Act—a \$280 billion package that includes \$52 billion in funding to boost domestic semiconductor manufacturing. The Act aims to ultimately alleviate the ongoing shortage. But what does this mean for semiconductor manufacturers? Take a look at potential



outcomes and impacts on semiconductor fabs.

#### Read More

#### FROM OUR BLOG



## Beyond Moore: A Look at the Semiconductor Sector's Expansion and Trends

While the semiconductor shortage is still ongoing, the semiconductor sector itself is seeing a new wave of expansion. While chip innovation has taken off, Moore's Law 2D scaling is stalling. This blog post looks at some key trends and exciting innovations during the industry's expansion beyond Moore.

## AROUND THE INDUSTRY

Semiconductor Engineering

Scaling, Advanced Packaging, Or Both

#### **EE** Times

Micron to Invest \$40 Billion in U.S. with Passage of CHIPS Act

#### Automation.com

SEMI Applauds Signing of CHIPS and Science Act of 2022



SEMI-GAS<sup>®</sup> Ultra High Purity Gas Delivery Systems

Learn More



# Purifier Solutions for High & Ultra High Purity Applications

Learn how ARM Purification helps uphold the most stringent purity requirements.

Learn More

# **AES: Your Gas Delivery Equipment Experts**



Ultra High Purity Gas Delivery Systems



High Purity Gas Delivery Systems

## APPLIED SERVICES

Comprehensive, Expert-Led Field Services



Bulk and Point-of-Use Gas Purifier Solutions



Precision Welding, Marking, and QA Services



info@appliedenergysystems.com | 610.647.8744



All Rights Reserved. Applied Energy Systems, Inc.