# Turbocharge your design registration

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And unlock efficiency with automation

> The future is looking bright for design registration. The global semiconductor industry is projected to become a trillion-dollar industry by 2030.

**Several trends and factors** are prime to create a robust environment for design-ins:



**Generative AI & advanced tech** Rising demand for specialized chips as companies integrate new capabilities

Smart manufacturing

Sophisticated techniques drive the need for custom-designed chips

#### **Geopolitical factors**

Export controls and localized production influence supply chains, increasing design-ins

**Market growth** Recovery in 2024 driven by automotive, industrial and consumer electronics sectors

Cybersecurity Growing need for chips with enhanced security features

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# As chips get smaller, competition grows larger

Competing for design-ins will require eliminating siloed processes and inefficiencies with an automation solution.

> **One fast-growing semiconductor company experienced** a 4-fold increase in new design-ins from 2022 to 2024

2024

The opportunities are there if your program can maximize complex channel relationships through a design registration program that is:



# Speed up

your path to success

Shifting gears with automation allows you to:

Identify partner opportunities for OEM new products

Protect your margins

Generate new business lines and revenue

Increase customer loyalty

# 4 ways automation will optimize design registration:

## **Enhance project visibility**

- Distributors can upload data, submit applications and track projects
- ECMs can approve and track designs,

gaining insights for demand forecasting

### Utilize a dynamic pricing engine

- Distributors can request quotes and special pricing
- ECMs can optimize margins

### **Enable seamless data exchange**

 Transparency for requesting and analyzing quotes and establishing debit agreements

### **Deliver insightful analytics**

 Anticipating and recommending growth opportunities and streamlining collaboration

Learn more about how to efficiently turbocharge your design registration processes

**Download the eBook** 

Source: McKinsey & Company

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