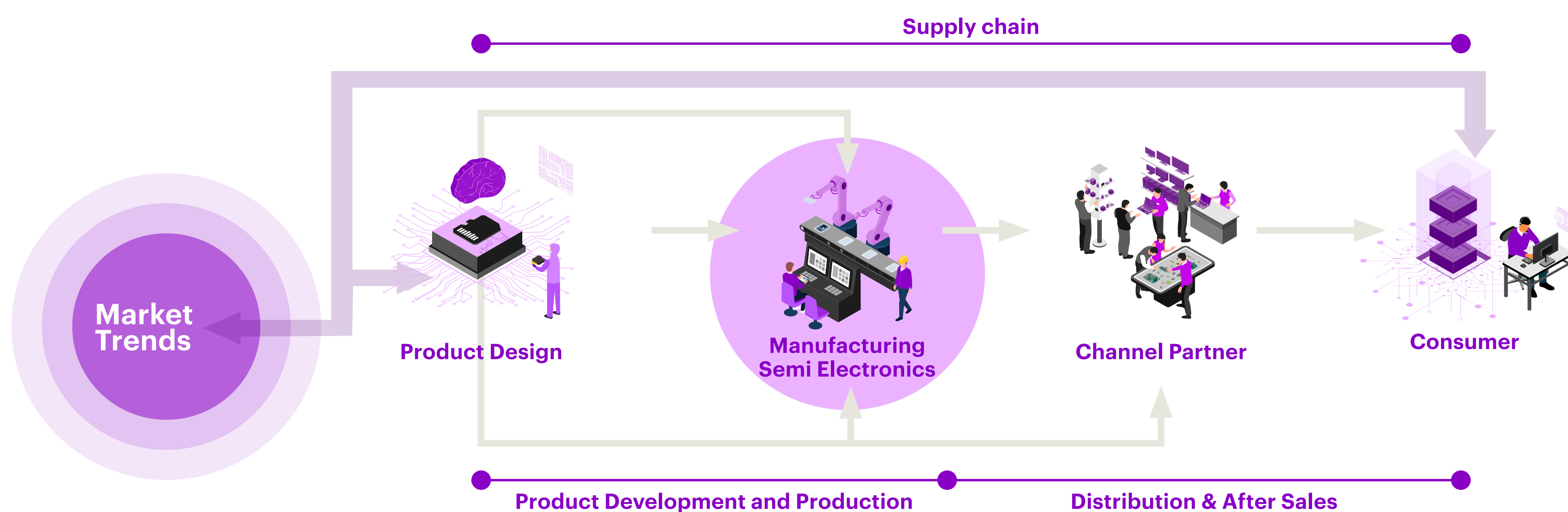


# Breaking barriers, building connections

Generative AI's role in the semiconductor industry

Discover how Gen AI is reshaping the value chain from design to manufacturing and beyond



According to our research, respondents agreed with the following:

73%

IP concerns are the biggest barrier to generative AI deployment across the semiconductor industry's value chain.

71%

It will take at least three years for the semiconductor industry to deploy generative AI at scale.

74%

New fabs coming online will focus more on automation powered by generative AI.

Industry leaders also agree on the opportunities, challenges and urgency for successful Gen AI adoption:

33%

Of semiconductor executives highlight design and manufacturing as the prime areas for generative AI innovation.

85%

Of companies have a strategy to deploy generative AI projects or POCs.

75%

Of executives agree that collaboration with industry partners will unlock greater value from generative AI.

The following are 4 strategic priorities for companies and executives to unlock Gen AI value:

1

Design your journey strategically

2

Leverage the ecosystem to scale generative AI

3

Continuously reinvent

4

Lead and learn differently to reshape the workforce

Generative AI is not just a tool but a transformative force for the semiconductor industry. Embrace the future with strategic investments and collaborative efforts to unlock unprecedented value.



Read our report, learn more about how generative AI can revolutionize your semiconductor business.

[accenture.com/semi-value-chain-new-approach-gen-ai](https://www.accenture.com/semi-value-chain-new-approach-gen-ai)