



Stability 101: Amplifier Stability Training Series

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The Stability 101 training series is a five part, comprehensive collection of training videos that addresses important topics related to amplifier stability.

Presented by Matt Duff, each of the topics is explained in a clear and straightforward way, with supporting diagrams that illustrate the key concepts.

After completing this training series, the user will have a firm grasp of the key factors related to amplifier stability, lower the design cycle time and technical risk by avoiding common pitfalls that can be encountered.

Refer to the adjacent list of topics and resource links.

Stability 101: Loop Gain in Operational Amplifiers

- <https://www.analog.com/en/resources/media-center/videos/1834668354001.html>

Stability 101: Bode Plots and Operational Amplifiers

- <https://www.analog.com/en/resources/media-center/videos/1834664076001.html>

Stability 101: Decompensated Operational Amplifiers

- <https://www.analog.com/en/resources/media-center/videos/1834664087001.html>

Stability 101: Driving a Capacitive Load (Operational Amplifiers)

- <https://www.analog.com/en/resources/media-center/videos/1834672124001.html>

Stability 101: Parasitic Capacitance in Operational Amplifiers

- <https://www.analog.com/en/resources/media-center/videos/1834684002001.html>

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