



Unit Engineering

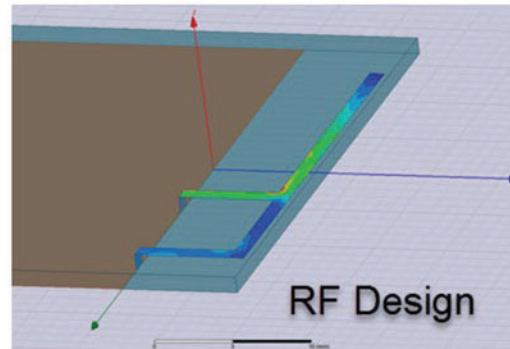
Neil(Bing) Hao's Home Page

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Motivation

Designing reusable components

In recent years, software and hardware systems became complex. As a result, reusability and modularization become the key factors which restrict the time to market. On this website, I am recording my reusable hobby projects which may help in future.



Current Projects

[Setting up Hadoop on Raspberry Pi](#)

[30Mhz to 6GHz Gain Block, DC to 1000Mhz Gain Block](#)

[35Mhz to 4400Mhz RF Signal Generator](#)

[Past Projects](#)

Recent Posts

- [Infineon BGT24LTR11N16 24Ghz Radar MMIC Impedance Matching](#) April 24, 2020
- [Effective Dielectric Constant](#) December 12, 2019
- [Plastic Dielectric Constant Measurement using TDR and Copper Foil Tape](#) December 4, 2019
- [Lumped LC Balun Design](#) November 30, 2019
- [The Considerations of Antenna Design for IOT and Wearable Devices](#) November 20, 2019
- [Non-Isolated AC/DC Power Supply Design and Implementation based on Power Integrations LNK3205](#) November 14, 2019

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