



Part III: Conclusion

The Matching Structures of BGT24LTR11N16 24Ghz Radar MMIC has been analyzed using Transmission Line Theory step by step in this paper. During the design process, the theory behind the Matching Structures has been illustrated.

Part IV: References

- [1] AN472 24 GHz Transceiver: BGT24LTR11. Retrieved Apr 22, 2020, from https://www.infineon.com/dgdl/Infineon-AN472_BGT24LTR11N16_users_guide-ApplicationNotes-v01_04-EN.pdf?fileId=5546d4626cb27db2016d2a87f2447786
- [2] Tapered Transformers. Retrieved Apr 22, 2020, from <https://www.microwaves101.com/encyclopedias/tapered-transformers>