

# Fabrication of rGO/Si Back-to-Back Schottky Diode Using PDMS Stamping

By Wan Fahim Asqalani Wan Yusof

LAP Lambert Academic Publishing Feb 2018, 2018. Taschenbuch. Condition: Neu. Neuware - Graphene have many interesting electrical, mechanical and optical properties that open up a path for new applications. Further studies required for Graphene to be able to apply in many applications. Graphene/semiconductor heterojunctions are promising devices in future for real-life applications and an interesting platform for research especially in sensing application. The material can also be used as other types of chemical sensor such as humidity, oxygen, nitrogen and others. Hopefully, the back-to-back structure can be utilize as a useful sensor in the future to help improving the productivity of human life. In addition to that, a thin layer of graphene hopefully can be used in future small electronic application such as Integrated Circuit (IC) chips and electronic appliances. 64 pp. Englisch.





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