

Figure 1. Device structure of the (a) Ga<sub>2</sub>O<sub>3</sub> Schottky diode and (b) p-Si/n-Ga<sub>2</sub>O<sub>3</sub> diode.

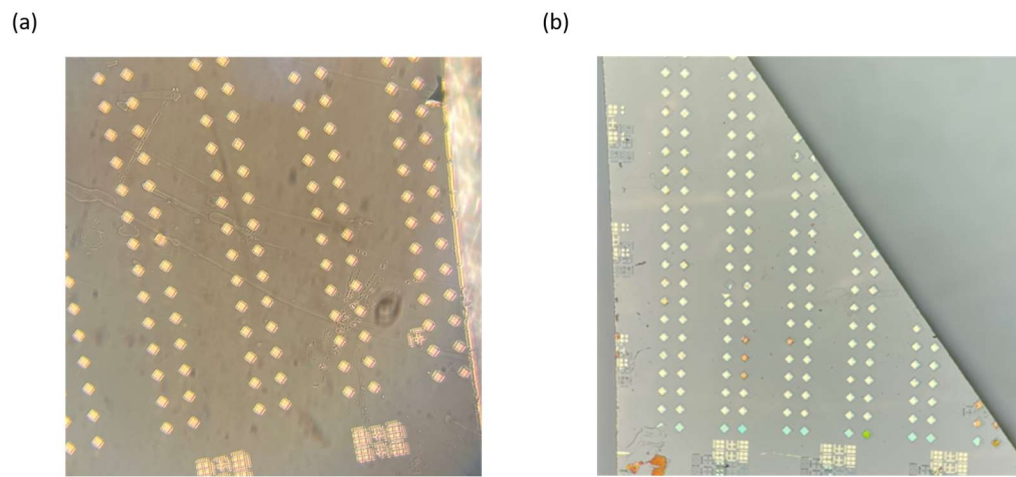


Figure 2. Optical image of the (a) Ga<sub>2</sub>O<sub>3</sub> Schottky diodes and (b) p-Si/n-Ga<sub>2</sub>O<sub>3</sub> diodes.

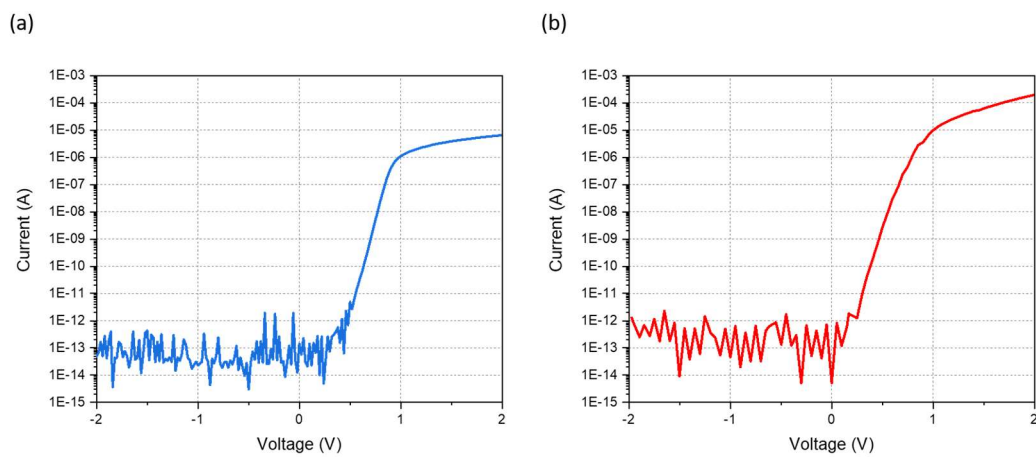


Figure 3. I-V characteristic of the (a) n-Ga<sub>2</sub>O<sub>3</sub> Schottky diode and (b) p-Si/n-Ga<sub>2</sub>O<sub>3</sub> diode.