Supporting Information

Flexible Graphene/Silicon Heterojunction Solar Cells

KaiqunRuan, Ke Ding, Yuming Wang, Senlin Diao, Zhibin Shao, Xiujuan Zhang,* JianshengJie*

Institute of Functional Nano& Soft Materials (FUNSOM), Collaborative Innovation Center of Suzhou Nano Science and Technology, Jiangsu Key Laboratory for Carbon-Based Functional Materials & Devices, Soochow University, Suzhou, Jiangsu 215123, P. R. China.

E-mail: jsjie@suda.edu.cn, xjzhang@suda.edu.cn

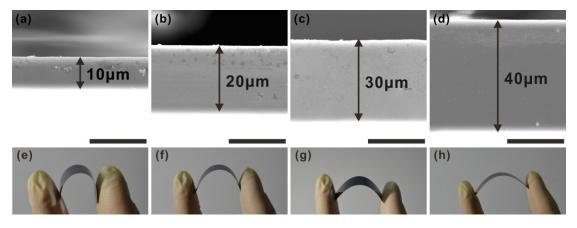


Figure S1. (a-d) Cross-sectional view SEM images of ultrathin c-Si substrates with different thickness. The scale bars are 20 μ m. Corresponding photographs of the substrates under bending status are shown in (e-h).

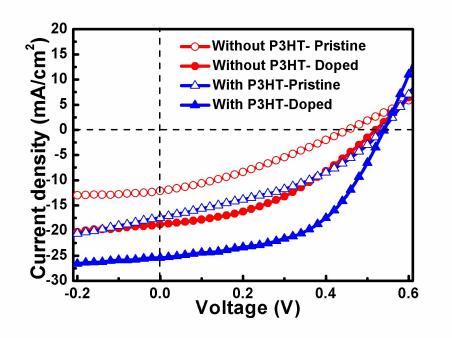


Figure S2. *J-V* curves of a typical graphene (3-layer)/ c-Si (40 μ m) solar cell with or without a P3HT electron blocking layer (10 nm).