

Supplementary Information

Photogenerated carrier dynamics at the $B_4C_3/g-C_3N_4$ interface

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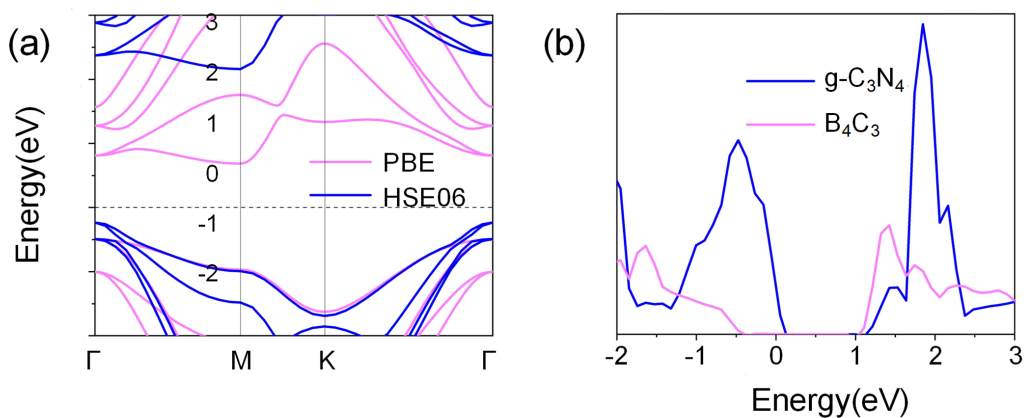


Fig. S1 The band structures (a) and density of states (b) of the $B_4C_3/g-C_3N_4$ heterostructure.

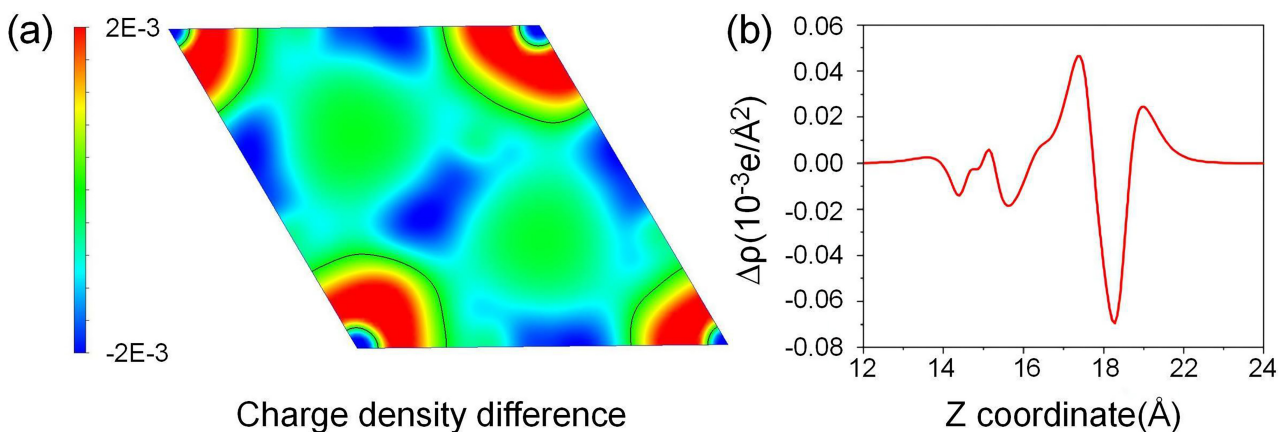


Fig. S2 (a) Charge different density of $B_4C_3/g-C_3N_4$ heterostructure. Red and blue colors denote $\Delta\rho > 0$ and $\Delta\rho < 0$ regions, respectively. (b) Plane averaged charge difference $\Delta\rho$.